

EMC ControlCenter® 6.0
StorageScope™

API AND REPOSITORY REFERENCE GUIDE

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- ◆ Oracle database
- ◆ SQL

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Conventions used in this guide

EMC uses the following conventions for special notices.

Note: A note presents information that is important, but not hazard-related.



CAUTION

A caution contains information essential to avoid data loss or damage to the system or equipment.



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A danger notice contains information essential to avoid a hazard that will cause severe personal injury, death, or substantial property damage if you ignore the message.

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EMC uses the following type style conventions in this document:

Normal

Used in running (nonprocedural) text for:

- Names of interface elements (such as names of windows, dialog boxes, buttons, fields, and menus)
- Names of resources, attributes, pools, Boolean expressions, buttons, DQL statements, keywords, clauses, environment variables, filenames, functions, utilities
- URLs, pathnames, filenames, directory names, computer names, links, groups, service keys, file systems, notifications

Bold:

Used in running (nonprocedural) text for:

- Names of commands, daemons, options, programs, processes, services, applications, utilities, kernels, notifications, system call, man pages

	Used in procedures for:
	- Names of interface elements (such as names of windows, dialog boxes, buttons, fields, and menus) - What user specifically selects, clicks, presses, or types
<i>Italic:</i>	Used in all text (including procedures) for:
	- Full titles of publications referenced in text - Emphasis (for example a new term) - Variables
<code>Courier:</code>	Used for:
	- System output, such as an error message or script - URLs, complete paths, filenames, prompts, and syntax when shown outside of running text
Courier bold:	Used for:
	Specific user input (such as commands)
<i>Courier italic:</i>	Used in procedures for:
	- Variables on command line - User input variables
< >	Angle brackets enclose parameter or variable values supplied by the user
[]	Square brackets enclose optional values
	Vertical bar indicates alternate selections - the bar means “or”
{ }	Braces indicate content that you must specify (that is, x or y or z)
...	Ellipses indicate nonessential information omitted from the example

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2. Click the **Feedback** link.

The chapter introduces the StorageScope API and Repository. It provides an overview that includes descriptions of data collection, table types, and key fields.

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Overview

The StorageScope Repository is designed to support decision making in organizations. Some characteristics of the StorageScope Repository are:

- ◆ Based on a data warehouse model which is closely related to the EMC ControlCenter Repository data model
- ◆ Built on Oracle 10g R2
- ◆ Structured for rapid online queries and managerial summaries
- ◆ Contains historical information that enables analysis of business performance over time

Data in the StorageScope Repository comes from three sources:

- ◆ Tables in the StorageScope Repository that are populated through an Extract, Transform, and Load (ETL) process from the ControlCenter Repository
- ◆ Tables in the StorageScope Repository that are populated by the FLR Archiver Agent with file level data collected by the ControlCenter host agents.
- ◆ Tables that are pre-populated or calculated through background processes. These tables include date and site tables, and weekly and monthly aggregation tables.

How data is collected

Figure 1, “StorageScope data collection,” illustrates how data is collected and then stored in the StorageScope Repository.

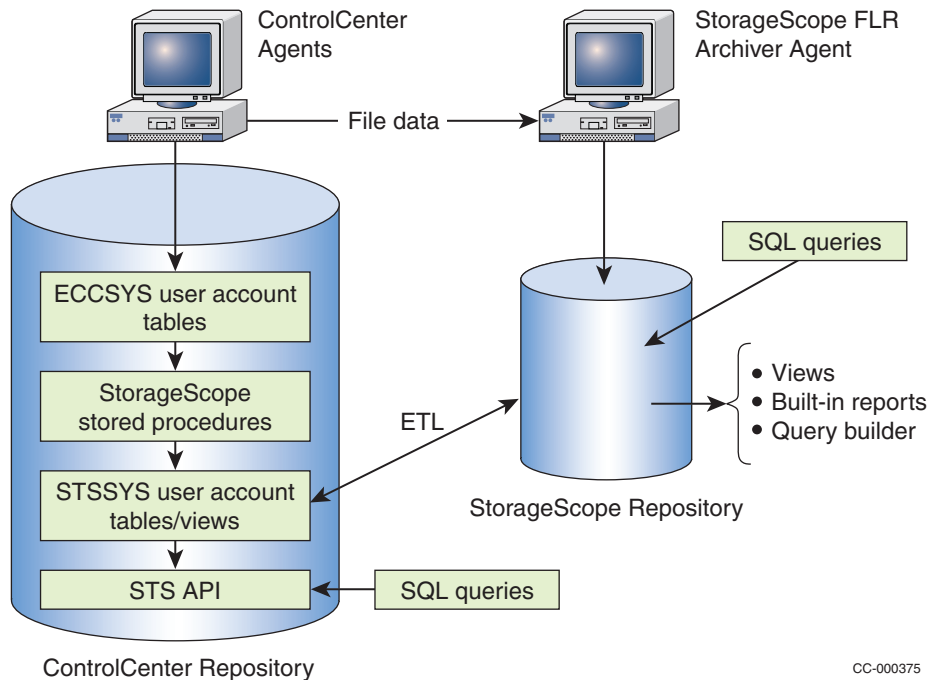


Figure 1 StorageScope data collection

Extract, Transform, and Load process

The StorageScope Repository is populated through an extract, transform, load (ETL) process that organizes and prepares data retrieved from the ControlCenter Repository for in StorageScope. By default, ETL is scheduled to run at 4:00 a.m. each day. You can change this time, and you can also manually run ETL at any time of the day.

ControlCenter agents

ControlCenter uses agents to collect data about physical and logical resources in your environment. StorageScope uses the data collected by these agents in the snapshots, views, reports, and queries. In order to get complete reporting of the specific resources in your environment, the appropriate ControlCenter agents must be deployed.

[Table 1, “ControlCenter Agents,”](#) lists the agents that can be deployed and the resources each agent discovers and monitors. For more information about managed objects each agent can discover, see the summary table for each agent in the *EMC ControlCenter 6.0 Planning and Installation Guide - Volume 1*. For specific details about supported models and firmware revisions for each managed object, refer to the *EMC ControlCenter 6.0 Support Matrix*.

Table 1 ControlCenter Agents (1 of 2)

Agent	Resources
Backup Agent for EDM	EMC Data Manager servers
Backup Agent for EMC NetWorker	EMC NetWorker servers
Backup Agent for Tivoli Storage Manager (TSM)	Tivoli Storage Manager servers
Backup Agent for VERITAS NetBackup	VERITAS NetBackup servers
Common Mapping Agent	- Windows, Linux, and UNIX hosts - Informix, Sybase, SQL Server, DB2/UDB databases
Database Agent for Oracle	Oracle databases
Fibre Channel Connectivity Agent	Fibre Channel storage area networks (SANs) components
Host Agents for AIX, HP-UX, Linux, Solaris	Hosts running AIX, HP-UX, Linux, and Solaris operating systems
Host Agent for Windows	Hosts running the Windows operating system
Storage Agent for Centera	EMC Centera storage arrays
Storage Agent for CLARiiON	EMC CLARiiON arrays and components
Storage Agent for ESS	IBM Enterprise Storage System (ESS) disk arrays
Storage Agent for HDS	Hitachi Lightning, Hitachi Thunder, Hewlett-Packard XP series, or Sun StoreEdge 99x0 array
Storage Agent for HP StorageWorks	HP StorageWorks HSG80 arrays
Storage Agent for NAS	Celerra Network Server and Network Appliance Filer

Table 1 ControlCenter Agents (2 of 2)

Agent	Resources
Storage Agent for SMI	Arrays supported by the Storage Agent for SMI
Storage Agent for Symmetrix	EMC Symmetrix systems
VMware Agent	VMware ESX Servers

Host agents and data reliability

You must deploy host agents to fully populate StorageScope reports and generate reliable data in those reports. If no host agents are deployed or only some host agents are running, some fields in the StorageScope views, snapshots, reports, and queries will be empty or contain zero (0).

Array agents and capacity reporting

In order for array capacities to be displayed in ControlCenter or StorageScope, the array has to be fully discovered by the associated array agent (that is, a CLARiiON array must be discovered by the Storage Agent for CLARiiON, a Symmetrix array must be discovered by a Storage Agent for Symmetrix, and so on). If all capacities for an array are zero (0), the most likely reason is that the array has not been fully discovered by the array agent.

About the tables

Types of tables

Table 2 Types of tables

Table type	Description	Naming convention	Examples
Managed object	Stores the primary key and textual descriptors for a specific managed object. Each managed object found in the ControlCenter Repository has its own table.	SRM<objectname>	“SRMArray” “SRMHost”
Daily trending	Contains up to 42 days (six weeks) of daily data. A table contains one row per object per day. These tables are populated by the ETL process.	SRM<objectname>Metrics	“SRMStoragePoolMetrics” “SRMSwitchMetrics”
Weekly trending	Contain weekly aggregations of numerical data. Each row in the table represents one week. The DATE key in a row contains the date of the first day of the specific week.	<objectname>MetricsWeekly	“ArrayMetricsWeekly” “RaidGroupMetricsWeekly”
Monthly trending	Contain monthly aggregations of numerical data. Each row in the table represents one month. The DATE key in a row contains the date of the first day of the specific month.	<name>MetricsWeekly	“DatabaseMetricsMonthly” “FSMetricsMonthly”
Relationship	Shows the relationships between multiple managed objects. Only data from the most recent ETL is reported.	SRM<relationship>	“SRMESXServerToGuest” “SRMDBFileToDevice”
Prepopulated	For internal use by the StorageScope system.	<name>	“Site” “Snapshot”

Weekly and monthly data

StorageScope gathers weekly and monthly trend data at regularly scheduled times. This operation happens in the background and is independent from the ETL schedule.

DateKey In the weekly tables, DateKey is the first day of the week which is Sunday. In the monthly tables, DateKey is the first day of the month which can be any day of the week. Date Key is derived from the [“SRMDate table.”](#)

Data collection schedule Weekly and monthly trend data is collected according to the schedule in [Table 3](#).

Table 3 Data collection schedule

Frequency	Schedule	Time of Day	Type of Trending Data
Weekly	Saturdays	7:30 p.m.	Weekly & Monthly
Monthly	Last day of the month	9:30 p.m.	Monthly

Depending on the managed object, weekly and monthly tables may contain the types of special metrics described in [Table 4](#).

Table 4 Special weekly and monthly metrics

Metric	Description
Average (Avg.)	During the period (week or month), the average number, size, or capacity.
Minimum (Min.)	During the period (week or month), the minimum number, size, or capacity.
Maximum (Max.)	During the period (week or month), the maximum number, size, or capacity.
Last	On the last day of the period (week or month), the number, size, or capacity.

File level reporting requirements

To collect, and then access, data about the files and folders in your enterprise, you must have all of the following:

- ◆ A valid base StorageScope license key enabled
- ◆ A valid StorageScope File Level Reporting license key enabled (which enables the FLR Archiver agent)
- ◆ Host file level data collection policies (DCPs) configured in ControlCenter
- ◆ The appropriate host agents must either be installed and running on the hosts or have access to the network shares from which file level data will be collected.
- ◆ The host agents collecting file level data must be running at version 6.x or above or the file level data collection policies for that agent will be unavailable.

If you do not have a StorageScope File Level Reporting license key enabled, you will not be able to create and manage file level DCPs, the FLR Archiver agent will remain inactive, and no file level data will be collected. Any columns in StorageScope snapshots, views, reports, and queries that contain file level data will be empty or contain zero (0).

ESX Server support limitations

Under certain conditions, double counting of ESX Service and virtual machine capacities can occur. These conditions are:

- ◆ Multiple ESX Servers that share devices
- ◆ A Virtual Machine File System (VMFS) is shared by multiple ESX Servers
- ◆ Virtual machine disk (VMDK) files are shared by multiple virtual machine (VMs)
- ◆ Raw disk or raw disk map (RDM) capacity is shared by multiple ESX servers
- ◆ ESX Server host devices with multiple paths to array devices on arrays other than Symmetrix and CLARiiON

Table 5 ESX Server limitations - Columns (1 of 5)

Column	Description	StorageScope Repository Name	StorageScope API Name	When Double Counted
# Databases	Number of databases on the host or hosts in the group	DBCount	HOST_DBCOUNT	Multiple virtual machines in the same user-defined group with shared VMDK files
# File Systems	Number of file systems on the host or hosts in the group	FSCount	HOST_FSCOUNT	Multiple virtual machines in the same user-defined group with shared VMDK files
# Logical Volumes	Number of logical volumes in the volume group	LVCCount	HOST_LVCOUNT	Multiple virtual machines in the same user-defined group with shared VMDK files
# VMFS	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	VMFSCount	VMFS_COUNT	Multiple ESX Servers in the same user-defined group with shared VMFS file systems
# Volume Groups	Number of volume groups	VGCount	HOST_VGCOUNT	Multiple virtual machines in the same user-defined group with shared VMDK files
Database Capacity (xx)	Capacity on raw devices and in file systems allocated to databases	DBTotal	DB_TOTAL	Multiple virtual machines in the same user-defined group with shared VMDK files

Table 5 ESX Server limitations - Columns (2 of 5)

Column	Description	StorageScope Repository Name	StorageScope API Name	When Double Counted
DB on Array (xx)	Capacity of databases that reside exclusively on arrays	DBTotalOnArray	DB_TOTAL_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
File System (xx)	Capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FSTotal	FS_TOTAL	Multiple virtual machines in the same user-defined group with shared VMDK files
Free Database (xx)	Amount of capacity in the database available for data files, log files, and database overhead	DBFree	DB_FREE	Multiple virtual machines in the same user-defined group with shared VMDK files
Free File System (xx)	Available capacity in the file system or all file systems on the host or hosts. Does not include deleted or unmounted file systems.	FSFree	FS_FREE	Multiple virtual machines in the same user-defined group with shared VMDK files
Free Logical Volume (xx)	Available capacity on the logical volume or all logical volumes on the host or hosts in the group	LVFree	LVOL_FREE	Multiple virtual machines in the same user-defined group with shared VMDK files
Free VMFS (xx)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	VMFSFree	VMFS_FREE	Multiple ESX Servers in the same user-defined group with shared VMFS file systems
Free Volume Group (xx)	Amount of volume group capacity available for use	VGFree	VG_FREE	Multiple virtual machines in the same user-defined group with shared VMDK files
FS on Array (xx)	Capacity of file systems mounted on host devices that are mapped to array devices	FSTotalOnArray	FS_TOTAL_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files

Table 5 ESX Server limitations - Columns (3 of 5)

Column	Description	StorageScope Repository Name	StorageScope API Name	When Double Counted
Host Used (xx)	Array capacity accessible to this host or the hosts in the group that is assigned to host file systems or databases	None (See “Custom SQL queries” on page 696.)	HOST_USED	- Multiple ESX Servers in the same user-defined group with shared VMFS file systems or raw disk/RDM capacity - Multiple virtual machines in the same user-defined group with shared VMDK files
Logical Volume (xx)	Capacity of the logical volume or all logical volumes on the host or hosts in the group	LVTotal	LVOL_TOTAL	Multiple virtual machines in the same user-defined group with shared VMDK files
LV on Array (xx)	Capacity of logical volumes that reside exclusively on host devices mapped to array devices	LVTotalOnArray	LVOL_TOTAL_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
Raw Disk/RDM (xx) (Arrays)	Raw disk and RDM capacity assigned to the virtual machine	ArrayRDMRawTotal	ST_RDMRAW_TOTAL	Multiple ESX Servers that share raw disk/RDM capacity
Raw Disk/RDM (xx) (Hosts)	Total raw disk and RDM capacity available to ESX Servers	RDMRawTotal	RDM_RAW_TOTAL	Multiple ESX Servers that share raw disk/RDM capacity and are in the same user-defined group
Used Accessible (xx) (Arrays)	Host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array or arrays in the group that is used.	ArrayAccUsed	ST_ACC_USED	Multiple ESX Servers that share devices
Used Accessible (xx) (Hosts)	Array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used.	HostArrayAccessibleUsed	HOST_ARRAY_ACC_USED	Multiple ESX Servers in the same user-defined group with shared VMFS file systems or raw disk/RDM capacity

Table 5 ESX Server limitations - Columns (4 of 5)

Column	Description	StorageScope Repository Name	StorageScope API Name	When Double Counted
Used Database(xx)	Amount of database capacity used by data files, log files, and database overhead	DBUsed	DB_USED	Multiple virtual machines in the same user-defined group with shared VMDK files
Used DB on Array (xx)	Amount of database capacity residing exclusively on arrays consumed by data files, log files, and database overhead	DBUsedOnArray	DB_USED_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
Used File System (xx)	File system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FSUsed	FS_USED	Multiple virtual machines in the same user-defined group with shared VMDK files
Used FS on Array (xx)	Amount of file system capacity mounted exclusively on host devices mapped to array devices consumed by files and databases	FSUsedOnArray	FS_USED_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
Used Logical Volume (xx)	Amount of logical volume capacity allocated to file systems	LVUsed	LVOL_USED	Multiple virtual machines in the same user-defined group with shared VMDK files
Used LV on Array (xx)	Amount of logical volume capacity residing exclusively on host devices mapped to array devices that is allocated to file systems	LVUsedOnArray	LVOL_USED_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
Used VG on Array (xx)	Amount of volume group capacity residing exclusively on arrays that is in use	VGUsedOnArray	VG_USED_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
Used VMFS (xx) (Array)	VMFS capacity on this array or arrays in the group that is consumed by files	ArrayVMFSUsed	ST_VMFS_USED	Multiple ESX Servers share the same storage devices and have shared VMFS file systems

Table 5 ESX Server limitations - Columns (5 of 5)

Column	Description	StorageScope Repository Name	StorageScope API Name	When Double Counted
Used VMFS (xx) (Host)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	VMFSUsed	VMFS_USED	Multiple ESX Servers in the same user-defined group with shared VMFS file systems
Used Volume Group (xx)	Amount of volume group capacity in use. Includes volume groups residing on unknown devices.	VGUsed	VG_USED	Multiple virtual machines in the same user-defined group with shared VMDK files
VG on Array (xx)	Capacity of volume groups residing either exclusively or partially on arrays	VGTotalOnArray	VG_TOTAL_ARRAY	Multiple virtual machines in the same user-defined group with shared VMDK files
VM Snapshot (xx)	Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	SnapshotTotal	SNAPSHOT_TOTAL	Snapshot files are on shared VMFS file systems
VMDK Capacity (xx)	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	VMFSFileTotal	VMFSFILE_TOTAL	Multiple ESX Servers in the same user-defined group with shared VMFS file systems
VMFS Capacity (xx) (Array)	Total capacity of VMFS file systems on this array or arrays in the group	ArrayVMFSTotal	ST_VMFS_TOTAL	Multiple ESX Servers share the same storage devices and have shared VMFS file systems
VMFS Capacity (xx) (Host)	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	VMFSTotal	VMFS_TOTAL	Multiple ESX Servers in the same user-defined group with shared VMFS file systems
Volume Group (xx)	Total amount of volume group capacity including capacity that resides on unknown devices	VGTotal	VG_TOTAL	Multiple virtual machines in the same user-defined group with shared VMDK files

Migrating StorageScope 5.x Data

In StorageScope 5.x, report data was maintained in XML files that resided on the file system of the StorageScope application server. When building reports, StorageScope would poll the data contained in this XML Repository and use it to present point-in-time or historical data about the managed environment.

However, in StorageScope 6.0, data about the managed environment is polled from the ControlCenter Repository and written to a dedicated StorageScope Repository, which uses the data for daily snapshots, and summary and trending reports.

After you successfully upgrade from StorageScope 5.x to 6.0, you can run a utility to migrate some XML data from the old 5.x XML files to the new StorageScope 6.0 Repository. The migrated information will then be available as weekly and monthly historical data.

The following information is migrated using this utility:

- ◆ Arrays
- ◆ Hosts
- ◆ NAS
- ◆ Connectivity
- ◆ Database
- ◆ CAS (Optional)
- ◆ User-Defined Groups (Optional)

For detailed information about this utility and how to run it, refer to the *EMC ControlCenter 6.0 Upgrade Guide*.

This chapter provides detailed descriptions of the StorageScope views in the ControlCenter Repository that you can access using the StorageScope API. Instructions for accessing that data are also provided. Topics include:

- ◆ Introduction 42
- ◆ Prerequisite activities..... 42
- ◆ Using the ODBC access method 42
- ◆ Using the JDBC access method 43
- ◆ The views 44

Introduction

The EMC ControlCenter StorageScope API provides access to information stored in the StorageScope user account (**stsview**) in the ControlCenter Repository.

Prerequisite activities

1. Install the StorageScope software on the same host as the ControlCenter Repository.
2. Have a valid base StorageScope license key enabled.
3. To access file and folder data, you must also have a valid StorageScope File Level Reporting license key enabled and the appropriate host agent file level data collection policies (DCPs) configured in ControlCenter. Refer to the ControlCenter Console online help for more information about file level data collection DCPs.
4. Set up your database access method. Refer to [“Using the ODBC access method”](#) or [“Using the JDBC access method”](#) below.

Using the ODBC access method

ODBC translates standard SQL statements to whichever protocol the database understands. Before ODBC can connect to the ControlCenter Repository, you must configure Oracle Net8. Oracle Net8 is remote data access software that enables both client-server and server-server communications across any network. Net8 is part of the standard Oracle networking package.

Note: EMC does not distribute any prior releases of SQL*Net with ControlCenter and therefore does not support them. In addition, EMC distributes and supports only Oracle ODBC drivers that connect to the Repository.

Use the following values when you connect Net8 and ODBC to the ControlCenter Repository.

- ◆ Service Name: **RAMBDB**
- ◆ Host Name: Name or IP address (preferred) of the host on which the ControlCenter Repository resides
- ◆ Port Number: **1521**
- ◆ Username: **stsview**
- ◆ Password: **sts**

Using the JDBC access method

You can also use the JDBC database access method. The format of the JDBC URL is as follows:

`jdbc:oracle:thin:@<host name:port number>:<Repository instance name>`

- ◆ *Host name* is the name of the host on which the ControlCenter Repository resides
- ◆ *Port number* is the number of the port through which the ControlCenter Repository is accessed. The default is **1521**.
- ◆ *Repository instance name* is the name of the ControlCenter database instance. The default is **rambdb**.

These values are specified in the following parameters in the **srmetl.properties** file which is located in `%ECC_INSTALL_ROOT%/Tomcat/webapps/srm/conf`

- ◆ `sourceDb.HOSTNAME = Host Name`
- ◆ `sourceDb.PORT = 1521`
- ◆ `sourceDb.SID = RAMBDB`

Refer to the following websites for general information about JDBC:

- ◆ Sun Microsystems
`http://java.sun.com/products/jdbc/`
- ◆ Oracle (downloadable JDBC drivers available on this site)
`http://otn.oracle.com/software/tech/java/sqlj\_jdbc/content.html`

The views

Table 6 List of views (1 of 4)

View Name	Page
STS_ACTIVE_ZONESET	48
STS_ALL_DEVS_DISKS	50
STS_ALLMO	51
STS_ALLMO_BYGROUP	52
STS_ALLMO_INMULTGROUP	54
STS_ARRAY	56
STS_ARRAY_BY_GROUP	64
STS_ARRAY_DEVICE	71
STS_ARRAY_DISK	76
STS_ARRAY_LUN_MASK	78
STS_ARRAY_META_DEVICES	80
STS_ARRAY_PORT	84
STS_ARRAY_PORT_CONNECTION	86
STS_ARRAY_PORT_TO_DEV	88
STS_ARRAY_RAIDGROUP	90
STS_ARRAY_REPLICA	92
STS_ARRAY_STORAGEGROUP	94
STS_BACKUP_CLIENT	95
STS_BACKUP_DATASET	98
STS_BACKUP_DETAILS	100
STS_BACKUP_JOB_ERRORS	102
STS_BACKUP_SCHEDULE	104
STS_BACKUP_SERVER	106
STS_CAS	109
STS_CAS_BY_GROUP	112

Table 6 List of views (2 of 4)

View Name	Page
STS_CENTERA_POOL	114
STS_CENTERA_POOL_BY_GROUP	115
STS_CENTERA_STORAGE_NODE	116
STS_COMPONENT	117
STS_DEVICE_ALLOCATION	118
STS_DEVICE_TO_DISK	123
STS_DEVSDISKS_BYGROUP	125
STS_DEVSDISKS_INMULTGROUP	126
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STS_ESXSERVER_TO_VMGUEST	129
STS_GROUP	130
STS_GROUPMO	132
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STS_HOSTOBJECTS_BY_GROUP	143
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STS_HOST_DB	165
STS_HOST_DB_DATAFILE	168
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STS_HOST_DEVICE	173
STS_HOST_FS	177
STS_HOST_FS_DEVICE	180
STS_HOST_HBA	183
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Table 6 List of views (3 of 4)

View Name	Page
STS_HOST_VG_DEVICE	190
STS_HOST_VOLUMEGROUP	192
STS_MO	195
STS_MO	195
STS_MO_GROUPPATH	196
STS_MO_NOTINGROUP	197
STS_NASCONTAINER	198
STS_NASCONTAINER_BY_GROUP	200
STS_NASCONTAINER_IPINTERFACE	202
STS_NASCONTAINER_NASDEVICE	204
STS_NASCONTAINER_NASSERVER	207
STS_NASFS	209
STS_NASFS_BY_GROUP	212
STS_NASFS_EXPORT	214
STS_NASFS_MOUNTPOINT	215
STS_NASFS_NASSERVER	216
STS_STORAGEPOOL	217
STS_SWITCH	218
STS_SWITCH_BY_GROUP	220
STS_SWITCH_FABRICS	221
STS_SWITCH_PORT	223
STS_SWITCH_PORT_TO_FABRIC	226
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STS_UDF_VALUES	228
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Table 6 List of views (4 of 4)

View Name	Page
STS_USER_DEFINED_FIELDS_DEF	230
STS_VMFILE	231
STS_VMGUEST_TO_STORAGE	233

STS_ACTIVE_ZONESET

This view contains a list of active zone sets and their attributes.

**Related
StorageScope
Repository tables**

- ◆ [“SRMSwitchActiveZoneSet” on page 354](#)
- ◆ [“SRMSwitchActiveZoneSetMember” on page 355](#)

Table 7 STS_ACTIVE_ZONESET (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FB_ID	Fabric ID	id	Internal ControlCenter Repository identifier for the fabric	FabricID
FB_ALIASNAME	Fabric	varchar	User-defined or system-assigned name for the fabric	FabricAlias
FB_WWN	Fabric WWN	varchar	World Wide Name (WWN) of the fabric. This is the WWN of the principal logical switch in the fabric or VSAN.	FabricWWN
ZONESET_ID	Zone Set ID	id	Internal ControlCenter Repository identifier for the zone set	ZoneSetID
ZONESET_NAME	Zone Set Name	varchar	User-defined name of the zone set	ZoneSetName
ZONE_NAME	Zone Name	varchar	User-defined name of the zone	ZoneName
ZONE_TYPE	Member Zoning Type	varchar	Type of zoning for the zone set member	ZoneType
ZONE_MEMBER	Zone Member	varchar	Zone member WWN, Fibre Channel ID (FCID), or domain/port combination depending upon the member zoning type	ZoneMember
SLOT_NUMBER	Slot Number	numeric	Slot number for a Cisco switch port if switch port zoning is used. Blank otherwise.	SlotNumber

Table 7 STS_ACTIVE_ZONESET (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
PORT_NUMBER	Port No.	numeric	Port number (host, switch, or NAS storage device)	PortNumber
MO_NAME	Member System Name	varchar	User-defined or system-assigned name of zone member system	MemberSystemName
MO_TYPE	Member System Type	varchar	Type of zone member system	MemberSystemType

STS_ALL_DEVS_DISKS

This view provides a list of storage devices, array disks, and host devices.

Related StorageScope Repository tables

- ◆ [“SRMArrayDevice” on page 261](#)
- ◆ [“SRMArrayDisk” on page 281](#)
- ◆ [“SRMHostDevice” on page 397](#)

Table 8 STS_ALL_DEVS_DISKS

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_ID	Object ID	number(38)	Internal ControlCenter Repository identifier for the object	MOKey
MO_TYPE	Object Type	varchar2(64)	Type of object	MOType
MO_NAME	Object Name	varchar2(128)	System-assigned name of the object	None
MO_ALIAS	Object	varchar2(128)	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_ID	Container Object ID	number(38)	Internal ControlCenter Repository identifier for the container object	None
CONTAINER_TYPE	Container Object Type	varchar2(64)	Type of the container object	None
CONTAINER_NAME	Container Object Name	varchar2(255)	System-assigned name for the container object	None
CONTAINER_ALIAS	Container Object	varchar2(255)	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_VENDOR	Container Object Vendor	varchar2(64)	Vendor of the container object	None

STS_ALLMO

This view lists all managed objects found in the ControlCenter Repository. The view contains one row per object.

**Related
StorageScope
Repository tables**

[“SRMAIIMO” on page 328](#)

Table 9 STS_ALLMO

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_ID	Object ID	INTEGER	Internal ControlCenter Repository identifier for the object	MOKey
MO_TYPE	Object Type	VARCHAR2	Type of object	MOType
MO_NAME	Object Name	VARCHAR2	System-assigned name of the object	None
MO_ALIAS	Object	VARCHAR2	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_ID	Container Object ID	INTEGER	Internal ControlCenter Repository identifier for the container object	None
CONTAINER_TYPE	Container Object Type	VARCHAR2	Type of container object	None
CONTAINER_NAME	Container Object Name	VARCHAR2	System-assigned name for the container object	None
CONTAINER_ALIAS	Container Object	VARCHAR2	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_VENDOR	Container Object Vendor	VARCHAR2	Vendor of the container object	None

STS_ALLMO_BYGROUP

This view shows properties for all ControlCenter managed objects that are in at least one user-defined group.

**Related
StorageScope
Repository tables**

[“SRMGroupMO” on page 326](#)

Table 10 STS_ALLMO_BYGROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_GROUP_ID	Group ID	id	Internal ControlCenter Repository identifier for group	GroupKey
MO_GROUP_NAME	Group Name	varchar	Name of group	GroupName
MO_GROUP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for a parent group	ParentGroupKey
MO_GROUP_PARENT_NAME	Parent Group Name	varchar	Parent group name	None
MO_ID	Object ID	id	Internal ControlCenter Repository identifier for the object	MOKey
MO_TYPE	Object Type	varchar	Type of object	MOType
MO_NAME	Object Name	varchar	System-assigned name of the object	None
MO_ALIAS	Object	varchar	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_ID	Container Object ID	id	Internal ControlCenter Repository identifier for the container object	None
CONTAINER_TYPE	Container Object Type	varchar	Type of the container object	None

Table 10 STS_ALLMO_BYGROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONTAINER_NAME	Container Object Name	varchar	System-assigned name for the container object	None
CONTAINER_ALIAS	Container Object	varchar	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_VENDOR	Container Object Vendor	varchar	Vendor of the container object	None

STS_ALLMO_INMULTGROUP

This view shows properties for ControlCenter managed objects that belong to more than one user-defined group.

**Related
StorageScope
Repository tables**

[“SRMGroupMO” on page 326](#)

Table 11 STS_ALLMO_INMULTGROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_GROUP_ID	Group ID	id	Internal ControlCenter Repository identifier for group	GroupKey
MO_GROUP_NAME	Group Name	varchar	Name of group	GroupName
MO_GROUP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for a parent group	ParentGroupKey
MO_GROUP_PARENT_NAME	Parent Group Name	varchar	Parent group name	None
MO_ID	Object ID	id	Internal ControlCenter Repository identifier for the object	MOKey
MO_TYPE	Object Type	varchar	Type of object	MOType
MO_NAME	Object Name	varchar	System-assigned name of the object	None
MO_ALIAS	Object	varchar	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_ID	Container Object ID	id	Internal ControlCenter Repository identifier for the container object	None
CONTAINER_TYPE	Container Object Type	varchar	Type of the container object	None

Table 11 STS_ALLMO_INMULTGROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONTAINER_NAME	Container Object Name	varchar	System-assigned name for the container object	None
CONTAINER_ALIAS	Container Object	varchar	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_VENDOR	Container Object Vendor	varchar	Vendor of the container object	None

STS_ARRAY

This view contains basic configuration information and capacity details for each array found in the ControlCenter Repository. The view contains one row per array.

Related StorageScope Repository tables

- ◆ [“SRMArray” on page 239](#)
- ◆ [“SRMArrayMetrics” on page 242](#)

Table 12 STS_ARRAY (1 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	number(38)	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar2(64)	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar2(128)	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar2(64)	Type of array	ArrayType
ST_MODEL	Array Model	varchar2(20)	Array model	ArrayModel
ST_VENDOR	Array Vendor	varchar2(64)	Array vendor	ArrayVendor
ST_AGENTTYPE	Agent Type	varchar2(64)	Type of agent that last discovered the array	ArrayAgentType
ST_CACHE	Array Cache (MB)	number	Amount of array cache. For a CLARiiON, the sum of ReadCacheSize for all processors.	ArrayCache
ST_CACHESLOTS	# Cache Slots	number(38)	Number of array cache slots	CacheSlotCount
ST_DISKCOUNT	# Disks	number(38)	Number of array disks	ArrayDiskCount
ST_DEVICECOUNT	# Storage Devices	number(38)	Number of storage devices	ArrayDevCount
ST_PORTCOUNT	# Ports	number(38)	Number of ports on array	ArrayPortCount
ST_POWERONTIME	Last Power On	date	Date array was last powered on	ArrayPowerOnTime

Table 12 STS_ARRAY (2 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_CONFIG_SUM	Configured - Usable (GB)	float(126)	Capacity on the array configured into logical devices or groups minus capacity defined by the protection level (mirror or parity RAID) for the devices or groups	ArrayConfigTotal
ST_DEVICE_TOTAL	Device Capacity - Total (GB)	float(126)	Sum of logical device capacity on this array or the arrays in the group	ArrayDeviceTotal
ST_UNCONFIG_SUM	Unconfigured - Total (GB)	float(126)	Depending on the array type, capacity on the array that has no defined protection level (mirror or parity RAID) or has not yet been configured into logical devices	ArrayUnConfigTotal
ST_LOCAL_REPCAP	Local Replica - Usable (GB)	float(126)	Capacity of local replica devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayLocalReplicaTotal
ST_LOCAL_REP_ALLOCATED	Local Replica - Allocated - Usable (GB)	float(126)	Capacity of local replica devices minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_REMOTE_REPCAP	Remote Replica - Usable (GB)	float(126)	Capacity of remote replica devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayRemoteReplicaTotal
ST_REMOTE_REP_ALLOCATED	Remote Replica - Allocated - Usable (GB)	float(126)	Capacity of remote replica minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_PRIMARY_ALLOCATED	Primary - Allocated - Usable (GB)	float(126)	Capacity of primary logical devices on which host can perform I/O operations minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_SYSTEM_RESOURCE	System Resource Capacity (GB)	float(126)	Capacity reserved for use by the array itself	ArraySystemResource

Table 12 STS_ARRAY (3 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ALLOCATED	Allocated - Usable - Total (GB)	float(126)	Capacity of logical devices on the array reserved for host use and internal array operations minus capacity defined by the protection level (mirrors or parity RAID) for the devices plus system resources	ArrayAllocTotal
ST_UNALLOCATED	Unallocated - Usable - Total (GB)	float(126)	Capacity of logical devices on the array that are not allocated	ArrayUnAllocTotal
ST_UNALLOCATED_MAPPED	Unallocated - Mapped - Usable (GB)	float(126)	Capacity of logical devices on the array that are not allocated, but are mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_UNALLOCATED_UNMAPPED	Unallocated - Unmapped - Usable (GB)	float(126)	Capacity of logical devices on this array or the arrays in the group that are not allocated and not mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_ACCESSIBLE	Accessible - Total (GB)	float(126)	Total capacity of accessible devices on this array or the arrays in the group	ArrayAccTotal
ST_ACC_USED	Accessible - Used (GB)	float(126)	Total host file system and raw database capacity that resides exclusively on this array. Does not include file system or raw database capacity that also resides on another array or on internal disks/JBOD.	ArrayAccUsed
ST_ACC_FREE_NOVG_TOTAL	Accessible - Free - No Vol Grps (GB)	float(126)	Capacity of the accessible array devices on the array or the arrays in the group on which no volume groups reside	ArrayAccNoVGTotal
ST_ACC_FREE_NOVG_COUNT	# Free Accessible Devices - No Vol Grps	number(38)	Number of accessible array devices on the array or the arrays in the group on which no volume groups reside	ArrayAccNoVGCount
ST_ACC_FREE_NOFS_TOTAL	Accessible - Free - No FS/DB (GB)	float(126)	Capacity of the accessible array devices on the array or the arrays in the group on which no file systems or databases reside	ArrayAccNoFSTotal

Table 12 STS_ARRAY (4 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ACC_FREE_NOFS_COUNT	# Free Accessible Devices - No FS/DB	number(38)	Number of accessible array devices on the array or the arrays in the group on which no file systems or databases reside	ArrayAccNoFSCount
ST_FS_TOTAL	File System - Total (GB)	float(126)	Total host file system capacity that resides exclusively on this array or one array in this group	ArrayFSTotal
ST_FS_USED	File System - Used (GB)	float(126)	Of the total host file system capacity that resides exclusively on this array or one array in this group, the amount used	ArrayFSUsed
ST_RAWDB_TOTAL	Raw Database - Total (GB)	float(126)	Total host raw database capacity that resides exclusively on this array or one array in this group	ArrayRawDBTotal
ST_RAWDB_USED	Raw Database - Used (GB)	float(126)	Of the total host raw database capacity that resides exclusively on this array or one array in this group, the amount used	ArrayRawDBUsed
ST_VMFS_TOTAL	VMFS Capacity (GB)	float	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	ArrayVMFSTotal
ST_VMFS_USED	Used VMFS (GB)	float	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	ArrayVMFSUsed
ST_RDMRAW_TOTAL	Raw Disk/RDM (GB)	float	Total raw disk and RDM capacity available to ESX Servers	RDMRawTotal
ST_MICROCODE	Microcode	varchar2(16)	Version of microcode running on the array	ArrayMicrocode
SY_MICROCODE_DATE	Microcode Date	date	Microcode date (Symmetrix only)	MicrocodeDate
SY_MICROCODE_PATCH	Microcode Patch	varchar2(10)	Microcode patch number or level (Symmetrix only)	MicroCodePatch
SY_MICROCODE_PATCHDATE	Microcode Patch Date	date	Microcode patch date (Symmetrix only)	MicroCodePatchDate

Table 12 STS_ARRAY (5 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SY_FAMILY	Family	varchar2(128)	Product family (Symmetrix only)	SymmetrixFamily
ST_LUNMASKEDDEVcnt	# LUN Masked Devices	number(38)	Number of devices on this array or the arrays in the group that are LUN masked to hosts	ArrayLunMaskedDevCount
ST_ALLOCDEVcnt	# Allocated Devices - Total	number(38)	Total number of devices (meta and non-meta) on this array or the arrays in the group that are allocated to hosts	ArrayAllocDevCount
ST_ALLOCMETADEVCNT	# Allocated Meta Devices	number(38)	Number of meta devices on this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCNONMETADEVCNT	# Allocated Non-Meta Devices	number(38)	Number of non-meta devices on this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_PRIMARYDEVcnt	# Primary Devices	number(38)	Number of primary logical devices on the array or arrays in the group	ArrayPrimaryDevCount
ST_LOCALREPDEVcnt	# Local Replica Devices	number(38)	Number of local replicas on the array or arrays in the group	ArrayLocalReplicaDevCount
ST_REMOTEREDEVcnt	# Remote Replica Devices	number(38)	Number of remote replica devices on the array or the arrays in the group	ArrayRemoteReplicaDevCount
ST_ALLOCLocalRepDEVcnt	# Allocated Devices - Local Replica	number(38)	Number of devices on local replicas of this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCRemoteRepDEVcnt	# Allocated Devices - Remote Replica	number(38)	Number of devices on remote replicas of this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ACCESSIBLEDEVcnt	# Accessible Devices - Total	number(38)	Total number of devices (meta and non-meta) on this array or the arrays in the group that are accessible to hosts	ArrayAccDevCount

Table 12 STS_ARRAY (6 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ACCESSIBLEMETADEV CNT	# Accessible Meta Devices	number(38)	Number of meta devices on this array or the arrays in the group that are accessible to hosts	None (See “Custom SQL Queries” on page 695.)
ST_ACCESSIBLENONMETADEV CNT	# Accessible Non-Meta Devices	number(38)	Number of non-meta devices on this array or the arrays in the group that are accessible to hosts	None (See “Custom SQL Queries” on page 695.)
ST_MAPPEDDEV CNT	# Mapped Devices - Total	number(38)	Total number of devices on this array or the arrays in the group that are mapped to front-end ports	ArrayMappedDevCount
ST_MAPPEDMETADEV CNT	# Mapped Meta Devices	number(38)	Number of meta devices on this array or the arrays in the group that are mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_MAPPEDNONMETADEV CNT	# Mapped Non-Meta Devices	number(38)	Number of non-meta devices on this array or the arrays in the group that are mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_UNMAPPEDDEV CNT	# Unmapped Devices - Total	number(38)	Total number of devices on this array or the arrays in the group that are not mapped to front-end ports	ArrayUnMappedDevCount
ST_HOSTCNT	# Hosts	number(38)	Number of hosts to which devices on this array or the arrays in the group are allocated	ArrayHostCount
ST_HOSTDEV CNT	# Host Devices	number(38)	Number of host devices to which the devices on this array or the arrays in the group are allocated. Includes PowerPath devices.	ArrayHostDevCount
ST_SHAREDDEV CNT	# Shared Devices	number(38)	Number of devices on this array or the arrays in the group that are shared by multiple hosts	ArraySharedDevCount
ST_PRIMARY	Primary - Usable (GB)	float(126)	Capacity of primary logical devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayPrimary
ST_RAW	Raw - Total (GB)	float(126)	Sum of the capacities of the physical disks in the array	ArrayRawTotal

Table 12 STS_ARRAY (7 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_CONFIG_SUM_RAW	Configured - Raw (GB)	float(126)	Capacity on the array that has a defined protection level (mirror or parity RAID)	ArrayConfigRaw
ST_PRIMARY_RAW	Primary - Raw (GB)	float(126)	Capacity of primary logical devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayPrimaryRaw
ST_LOCAL_REPCAP_RAW	Local Replica - Raw (GB)	float(126)	Capacity of local replica devices on the array plus capacity defined by the protection level (mirrors or parity RAID) defined for the devices	ArrayLocalRepRaw
ST_LOCAL_REP_ALLOCATED_RAW	Local Replica - Allocated - Raw (GB)	float(126)	Capacity of local replica devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_REMOTE_REPCAP_RAW	Remote Replica - Raw (GB)	float(126)	Capacity of remote replica devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayRemoteRepRaw
ST_REMOTE_REP_ALLOCATED_RAW	Remote Replica - Allocated - Raw (GB)	float(126)	Capacity of remote replica devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_PRIMARY_ALLOCATED_RAW	Primary - Allocated - Raw (GB)	float(126)	Capacity of primary logical devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices that is reserved for host use	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCATED_RAW	Allocated - Raw - Total (GB)	float(126)	Capacity of the logical devices on the array reserved for host use and internal array operations plus capacity defined by the protection level (mirrors or parity RAID) for the devices plus system resources	ArrayAllocRaw
ST_UNALLOCATED_RAW	Unallocated - Raw - Total (GB)	float(126)	Raw capacity on this array or the arrays in the group that is not allocated	ArrayUnAllocRaw

Table 12 STS_ARRAY (8 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_UNALLOCATED_MAPPED_RAW	Unallocated - Mapped - Raw (GB)	float(126)	Raw capacity on this array or the arrays in the group that is not allocated but is mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_UNALLOCATED_UNMAPPED_RAW	Unallocated - Unmapped - Raw (GB)	float(126)	Raw capacity on this array or the arrays in the group that is not allocated and not mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_CONFIG_NOTASSIGNED	Configured - Not Assigned (GB)	float(126)	Configured capacity not yet made into logical devices	ArrayConfigNotAssignedTotal
ST_LASTDISCOVERYTIME	Last Discovered	date	Date and time an agent last collected data about the object	LastDiscoveryTime
GRP_LIST	Group List	varchar2(4000)	Group list	None
ARRAYCUSTOMFIELD1	Arrays Custom Field 1	varchar2(64)	Arrays Custom Field 1	UDF1
ARRAYCUSTOMFIELD2	Arrays Custom Field 2	varchar2(64)	Arrays Custom Field 2	UDF2
ARRAYCUSTOMFIELD3	Arrays Custom Field 3	varchar2(64)	Arrays Custom Field 3	UDF3
ARRAYCUSTOMFIELD4	Arrays Custom Field 4	varchar2(64)	Arrays Custom Field 4	UDF4
ARRAYCUSTOMFIELD5	Arrays Custom Field 5	varchar2(64)	Arrays Custom Field 5	UDF5
ARRAYCUSTOMFIELD6	Arrays Custom Field 6	varchar2(64)	Arrays Custom Field 6	UDF6
ARRAYCUSTOMFIELD7	Arrays Custom Field 7	varchar2(64)	Arrays Custom Field 7	UDF7
ARRAYCUSTOMFIELD8	Arrays Custom Field 8	varchar2(64)	Arrays Custom Field 8	UDF8
ARRAYCUSTOMFIELD9	Arrays Custom Field 9	varchar2(64)	Arrays Custom Field 9	UDF9
ARRAYCUSTOMFIELD10	Arrays Custom Field 10	varchar2(64)	Arrays Custom Field 10	UDF10

STS_ARRAY_BY_GROUP

This view provides array-related numerical data (counts and capacities) for each user-defined group that contains arrays.

**Related
StorageScope
Repository tables**

[“SRMArrayByGroupMetrics” on page 306](#)

Table 13 STS_ARRAY_BY_GROUP (1 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_STCOUNT	# Arrays	numeric	Number of arrays in group and subgroups	ArrayCount
ST_CONFIG_SUM	Configured - Usable (GB)	capacity	Capacity on the array configured into logical devices or groups minus capacity defined by the protection level (mirror or parity RAID) for the devices or groups	ArrayConfigTotal
ST_UNCONFIG_SUM	Unconfigured - Total (GB)	capacity	Depending on the array type, capacity on the array that has no defined protection level (mirror or parity RAID) or has not yet been configured into logical devices	ArrayUnConfigTotal

Table 13 STS_ARRAY_BY_GROUP (2 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ALLOCATED	Allocated - Usable - Total (GB)	capacity	Capacity of logical devices on the array reserved for host use and internal array operations minus capacity defined by the protection level (mirrors or parity RAID) for the devices plus system resources	ArrayAllocTotal
ST_UNALLOCATED	Unallocated - Usable - Total (GB)	capacity	Capacity of logical devices on the array that are not allocated	ArrayUnAllocTotal
ST_UNALLOCATED_MAPPED	Unallocated - Mapped - Usable (GB)	capacity	Capacity of logical devices on the array that are not allocated, but are mapped to front-end ports	None (See "Custom SQL Queries" on page 695.)
ST_UNALLOCATED_UNMAPPED	Unallocated - Unmapped - Usable (GB)	numeric	Capacity of logical devices on this array or the arrays in the group that are not allocated and not mapped to front-end ports	None (See "Custom SQL Queries" on page 695.)
ST_LOCAL_REPCAP	Local Replica - Usable (GB)	capacity	Capacity of local replica devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayLocalReplicaTotal
ST_LOCAL_REP_ALLOCATED	Local Replica - Allocated - Usable (GB)	capacity	Capacity of local replica devices minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_REMOTE_REPCAP	Remote Replica - Usable (GB)	capacity	Capacity of remote replica devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayRemoteReplicaTotal
ST_REMOTE_REP_ALLOCATED	Remote Replica - Allocated - Usable (GB)	capacity	Capacity of remote replica minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_PRIMARY_ALLOCATED	Primary - Allocated - Usable (GB)	capacity	Capacity of primary logical devices on which host can perform I/O operations minus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)

Table 13 STS_ARRAY_BY_GROUP (3 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_SYSTEM_RESOURCE	System Resource Capacity (GB)	capacity	Capacity reserved for use by the array itself	ArraySystemResource
ST_PORTCOUNT	# Ports	numeric	Number of ports on array	ArrayPortCount
ST_DEVICECOUNT	# Storage Devices	numeric	Number of storage devices	ArrayDevCount
ST_DISKCOUNT	# Disks	numeric	Number of array disks	ArrayDiskCount
ST_LUNMASKEDDEVcnt	# LUN Masked Devices	numeric	Number of devices on this array or the arrays in the group that are LUN masked to hosts	ArrayLunMaskedDevCount
ST_ALLOCDEVcnt	# Allocated Devices - Total	numeric	Total number of devices (meta and non-meta) on this array or the arrays in the group that are allocated to hosts	ArrayAllocDevCount
ST_ALLOCMETADEVcnt	# Allocated Meta Devices	numeric	Number of meta devices on this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCNONMETADEVcnt	# Allocated Non-Meta Devices	numeric	Number of non-meta devices on this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCLocalREPDEVcnt	# Allocated Devices - Local Replica	numeric	Number of devices on local replicas of this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCRemoteREPDEVcnt	# Allocated Devices - Remote Replica	numeric	Number of devices on remote replicas of this array or the arrays in the group that are allocated to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ACCESSIBLEDEVcnt	# Accessible Devices - Total	numeric	Total number of devices (meta and non-meta) on this array or the arrays in the group that are accessible to hosts	ArrayAccDevCount
ST_ACCESSIBLEMETADEVcnt	# Accessible Meta Devices	numeric	Number of meta devices on this array or the arrays in the group that are accessible to hosts	None (See "Custom SQL Queries" on page 695.)
ST_ACCESSIBLENONMETADEVcnt	# Accessible Non-Meta Devices	numeric	Number of non-meta devices on this array or the arrays in the group that are accessible to hosts	None (See "Custom SQL Queries" on page 695.)

Table 13 STS_ARRAY_BY_GROUP (4 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_MAPPEDDEVcnt	# Mapped Devices - Total	numeric	Total number of devices on this array or the arrays in the group that are mapped to front-end ports	ArrayMappedDevCount
ST_MAPPEDMETADEVCNT	# Mapped Meta Devices	numeric	Number of meta devices on this array or the arrays in the group that are mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_MAPPEDNONMETADEVCNT	# Mapped Non-Meta Devices	numeric	Number of non-meta devices on this array or the arrays in the group that are mapped to front-end ports	None (See “Custom SQL Queries” on page 695.)
ST_UNMAPPEDDEVcnt	# Unmapped Devices - Total	numeric	Total number of devices on this array or the arrays in the group that are not mapped to front-end ports	ArrayUnMappedDevCount
ST_HOSTCNT	# Hosts	numeric	Number of hosts to which devices on this array or the arrays in the group are allocated	ArrayHostCount
ST_HOSTDEVcnt	# Host Devices	numeric	Number of host devices to which the devices on this array or the arrays in the group are allocated. Includes PowerPath devices.	ArrayHostDevCount
ST_SHAREDDEVcnt	# Shared Devices	numeric	Number of devices on this array or the arrays in the group that are shared by multiple hosts	ArraySharedDevCount
ST_ACCESSIBLE	Accessible - Total (GB)	capacity	Total capacity of accessible devices on this array or the arrays in the group	ArrayAccTotal
ST_ACC_USED	Accessible - Used (GB)	capacity	Total host file system and raw database capacity that resides exclusively on this array or on one array in this group. Does not include file system or raw database capacity that also resides on another array (in this group or in another group) or on internal disks/JBOD.	ArrayAccUsed

Table 13 STS_ARRAY_BY_GROUP (5 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ACC_FREE_NOVG_TOTAL	Accessible - Free - No Vol Grps (GB)	capacity	Capacity of the accessible array devices on the array or the arrays in the group on which no volume groups reside	ArrayAccNoVGTotal
ST_ACC_FREE_NOVG_COUNT	# Free Accessible Devices - No Vol Grps	numeric	Number of accessible array devices on the array or the arrays in the group on which no volume groups reside	ArrayAccNoVGCount
ST_ACC_FREE_NOFS_TOTAL	Accessible - Free - No FS/DB (GB)	capacity	Capacity of the accessible array devices on the array or the arrays in the group on which no file systems or databases reside	ArrayAccNoFSTotal
ST_ACC_FREE_NOFS_COUNT	# Free Accessible Devices - No FS/DB	numeric	Number of accessible array devices on the array or the arrays in the group on which no file systems or databases reside	ArrayAccNoFSCount
ST_FREE_ACC_DEV_COUNT	# Unused Accessible LUNs	numeric	Number of host-accessible LUNs with no volume groups on the array or arrays in the group	ArrayFreeAccDevCount
ST_FREE_ACC_DEV_TOTAL	Unused Accessible (GB)	capacity	Unused capacity of host-accessible LUNs on the array or arrays in the group	ArrayFreeAccDevCountTotal
ST_FS_TOTAL	File System - Total (GB)	capacity	Total host file system capacity that resides exclusively on this array or one array in this group	ArrayFSTotal
ST_FS_USED	File System - Used (GB)	capacity	Of the total host file system capacity that resides exclusively on this array or one array in this group, the amount used	ArrayFSUsed
ST_RAWDB_TOTAL	Raw Database - Total (GB)	capacity	Total host raw database capacity that resides exclusively on this array or one array in this group	ArrayRawDBTotal
ST_RAWDB_USED	Raw Database - Used (GB)	capacity	Of the total host raw database capacity that resides exclusively on this array or one array in this group, the amount used	ArrayRawDBUsed

Table 13 STS_ARRAY_BY_GROUP (6 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_VMFS_TOTAL	VMFS Capacity (GB)	capacity	Total capacity of VMFS file systems that reside exclusively on this array or one array in the group	ArrayVMFSTotal
ST_VMFS_USED	Used VMFS (GB)	capacity	VMFS capacity on this array or one array in the group that is consumed by files	ArrayVMFSUsed
ST_RDMRAW_TOTAL	Raw Disk/RDM (GB)	capacity	Raw disk and RDM capacity assigned to the virtual machine	ArrayRDMRawTotal
ST_PRIMARY	Primary - Usable (GB)	capacity	Capacity of primary logical devices on the array minus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayPrimary
ST_RAW	Raw - Total (GB)	capacity	Sum of the capacities of the physical disks in the array	ArrayRawTotal
ST_CONFIG_SUM_RAW	Configured - Raw (GB)	capacity	Capacity on the array that has a defined protection level (mirror or parity RAID)	ArrayConfigRaw
ST_PRIMARY_RAW	Primary - Raw (GB)	capacity	Capacity of primary logical devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayPrimaryRaw
ST_LOCAL_REPCAP_RAW	Local Replica - Raw (GB)	capacity	Capacity of local replica devices on the array plus capacity defined by the protection level (mirrors or parity RAID) defined for the devices	ArrayLocalRepRaw
ST_LOCAL_REP_ALLOCATED_RAW	Local Replica - Allocated - Raw (GB)	capacity	Capacity of local replica devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)
ST_REMOTE_REPCAP_RAW	Remote Replica - Raw (GB)	capacity	Capacity of remote replica devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices	ArrayRemoteRepRaw
ST_REMOTE_REP_ALLOCATED_RAW	Remote Replica - Allocated - Raw (GB)	capacity	Capacity of remote replica devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices	None (See "Custom SQL Queries" on page 695.)

Table 13 STS_ARRAY_BY_GROUP (7 of 7)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_PRIMARY_ALLOCATED_RAW	Primary - Allocated - Raw (GB)	capacity	Capacity of primary logical devices on the array plus capacity defined by the protection level (mirrors or parity RAID) for the devices that is reserved for host use	None (See "Custom SQL Queries" on page 695.)
ST_ALLOCATED_RAW	Allocated - Raw - Total (GB)	capacity	Capacity of the logical devices on the array reserved for host use and internal array operations plus capacity defined by the protection level (mirrors or parity RAID) for the devices plus system resources	ArrayAllocRaw
ST_UNALLOCATED_RAW	Unallocated - Raw - Total (GB)	capacity	Raw capacity on this array or the arrays in the group that is not allocated	ArrayUnAllocRaw
ST_UNALLOCATED_MAPPED_RAW	Unallocated - Mapped - Raw (GB)	capacity	Raw capacity on this array or the arrays in the group that is not allocated but is mapped to front-end ports	None (See "Custom SQL Queries" on page 695.)
ST_UNALLOCATED_UNMAPPED_RAW	Unallocated - Unmapped - Raw (GB)	capacity	Raw capacity on this array or the arrays in the group that is not allocated and not mapped to front-end ports	None (See "Custom SQL Queries" on page 695.)
ST_CONFIG_NOTASSIGNED	Configured - Not Assigned (GB)	capacity	Configured capacity not yet made into logical devices	ArrayConfigNotAssignedTotal
ST_DEVICE_TOTAL	Device Capacity - Total (GB)	capacity	Sum of logical device capacity on this array or the arrays in the group	ArrayDeviceTotal

STS_ARRAY_DEVICE

This view contains configuration and capacity details for individual array devices including meta devices and system resources (for example, VCMDB devices, Gatekeeper devices, SFS devices, RAD devices, Save Pool Devices, DRVs and their mirrors, and spare devices). The view contains one row per device.

**Related
StorageScope
Repository tables**

[“SRMArrayDevice” on page 261](#)

Table 14 STS_ARRAY_DEVICE (1 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar	Type of array	ArrayType
SDGRP_ID	Meta Device Group ID	id	Internal ControlCenter Repository identifier for the meta device group	MetaDeviceGroupID
SD_CONS_GRPNAME	Consistency Group Name	varchar	Name of the consistency group to which the device belongs. Applies to Symmetrix devices only.	ConsistencyGroupName

Table 14 STS_ARRAY_DEVICE (2 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_TOTAL	Assignable Device Capacity (GB)	capacity	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableTotal
SD_TOTAL_RAW	Assignable Device Capacity - Raw (GB)	capacity	Total capacity of this logical device (non-meta, meta head, or meta member) that can be made available to hosts including any defined protection capacity. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableRaw
SD_SIZE	Array Device Capacity - Usable (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Does not include any defined protection capacity for the device.	ArrayDevTotal

Table 14 STS_ARRAY_DEVICE (3 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_SIZE_RAW	Array Device Capacity - Raw (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Includes any defined protection capacity for the device.	ArrayDevRaw
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	UserDefinedCapacityTotal
SD_USERCAPACITY_RAW	User-defined Device Capacity - Raw (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of Assignable Device Capacity - Raw. For all other array device types, same as Assignable Device Capacity - Raw.	UserDefinedCapacityRaw
SD_PORTCOUNT	# Ports	numeric	Number of array front-end ports that this device is presented through	ArrayDevPortCount
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
ST_POOL_ID	Storage Pool ID	id	Internal ControlCenter Repository identifier for storage pool	StoragePoolKey
ST_POOL_NAME	Storage Pool Name	varchar	Storage pool name	StoragePoolName
ST_EMULATION	Emulation	varchar	Emulation mode of the device	EmulationMode
SD_ALLOC_TYPE	Array Allocation Type	varchar	Describes how the array device has been allocated within the array. If the array device is not allocated, this column is blank.	AllocationType
ACCESSIBLE	Host Accessible?	varchar	Indicates if the array device is accessible to the host	IsAccessible

Table 14 STS_ARRAY_DEVICE (4 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VOLUMED	Used By Volume Group?	varchar	Indicates if the array device is used by a volume group	UsedByVolumeGroup
HAS_FS	Used By File System?	varchar	Indicates if the array device is used by a host file system	UsedByFileSystem
USED_BY_VMFS_RDMRAW	Used by Virtual Machine?	varchar	Indicates whether or not the host device is used by a VMFS, raw disk, or RDM	UsedByVMFSRDMRaw
LUN_MASKED	LUN Masked?	varchar	Indicates if the device is LUN masked	IsLunMasked
RESERVED	Reserved?	varchar	Indicates if this device is reserved for use by any application	IsReserved
RESERVED_SINCE	Reserved Since	date	Date on which device was first reserved	ReservedSince
RESERVED_BY_TASKLIST_TASKNAME	Reserved By/Task List/Task Name	varchar	Comma-separated list of applications (and associated Task List and Task names) that reserved the device	ReservedByTaskListTaskName
ARRAY_ALLOCATED	Array Allocated?	varchar	Indicates if the array device is allocated for use by the array	ArrayAllocated
HDS_ARRAY_ALLOCATED	HDS Allocated?	varchar	If this is an Hitachi Data Systems (HDS) or HP XP device, indicates if it is array allocated. If not an HDS or HP XP device, N/A appears in this field.	HDSArrayAllocated
ALLOCATED	Host Allocated?	varchar	Indicates if the array device is allocated to the host	HostAllocated
MAPPED	Mapped?	varchar	Indicates if the array device is mapped to a front-end port	IsMapped
IS_META	Meta Device?	varchar	Indicates if this device is a meta device	IsMetaDevice
RG_ID	RAID Group ID	id	Internal ControlCenter Repository identifier for the RAID group	RaidGroupKey
RG_NAME	RAID Group Name	varchar	Name of the RAID group	RaidGroupName
ARRAYDEVCUSTOMFIELD1	Array Devices Custom Field 1	varchar	Array Devices Custom Field 1	UDF1

Table 14 STS_ARRAY_DEVICE (5 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ARRAYDEVCUSTOMFIELD2	Array Devices Custom Field 2	varchar	Array Devices Custom Field 2	UDF2
ARRAYDEVCUSTOMFIELD3	Array Devices Custom Field 3	varchar	Array Devices Custom Field 3	UDF3
ARRAYDEVCUSTOMFIELD4	Array Devices Custom Field 4	varchar	Array Devices Custom Field 4	UDF4
ARRAYDEVCUSTOMFIELD5	Array Devices Custom Field 5	varchar	Array Devices Custom Field 5	UDF5
ARRAYDEVCUSTOMFIELD6	Array Devices Custom Field 6	varchar	Array Devices Custom Field 6	UDF6
ARRAYDEVCUSTOMFIELD7	Array Devices Custom Field 7	varchar	Array Devices Custom Field 7	UDF7
ARRAYDEVCUSTOMFIELD8	Array Devices Custom Field 8	varchar	Array Devices Custom Field 8	UDF8
ARRAYDEVCUSTOMFIELD9	Array Devices Custom Field 9	varchar	Array Devices Custom Field 9	UDF9
ARRAYDEVCUSTOMFIELD10	Array Devices Custom Field 10	varchar	Array Devices Custom Field 10	UDF10

STS_ARRAY_DISK

This view provides configuration and capacity information for each physical disk in a Symmetrix or CLARiON array.

**Related
StorageScope
Repository tables**

[“SRMArrayDisk” on page 281](#)

Table 15 STS_ARRAY_DISK (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DISK_ID	Disk ID	INTEGER	Internal ControlCenter Repository identifier for the disk	DiskID
DISK_NAME	Disk Name	VARCHAR2(20)	Disk name	DiskName
ST_ID	Array ID	INTEGER	Internal ControlCenter Repository identifier for the storage array	ArrayKey
ST_SN	Array S/N	VARCHAR2(64)	Array serial number	ArraySerialNumber
ST_ALIAS	Array	VARCHAR2(128)	User-defined or system-assigned name for the array	ArrayAlias
DISK_SN	Disk S/N	VARCHAR2(32)	Disk serial number	DiskSerialNumber
DISK_SIZE	Disk Capacity - Total (GB)	FLOAT	Total formatted capacity of a physical disk	DiskSize
DISK_REVISION	Disk Revision	VARCHAR2(32)	Disk revision	DiskRevision
DISK_UNALLOCSPACE	Disk Capacity - Unconfigured (GB)	FLOAT	Capacity on a physical disk that has not been configured into logical devices	DiskUnAllocSpace
DISK_SC SINUM	Disk SCSI No.	INTEGER	Disk SCSI number	DiskSCSINum
DISK_SPARE	Type of Disk	VARCHAR2(10)	Indicates whether the disk is a hot spare or a generic disk (Symmetrix or non-Symmetrix)	DiskSpare
DISK_STATE	Disk Status	VARCHAR2(64)	Status of the disk	DiskState
DISK_TYPE	Disk Type	VARCHAR2(4000)	Type of array disk	DiskType
DISK_RPM	Disk RPM	INTEGER	Speed of the disk	DiskRPM

Table 15 STS_ARRAY_DISK (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RG_ID	RAID Group ID	INTEGER	Internal ControlCenter Repository identifier for the RAID group	RaidGroupKey
RG_NAME	RAID Group Name	VARCHAR2(64)	Name of the RAID group	RaidGroupName
ARRAYDISKCUSTOMFIELD1	Array Disks Custom Field 1	VARCHAR2(64)	Array Disks Custom Field 1	UDF1
ARRAYDISKCUSTOMFIELD2	Array Disks Custom Field 2	VARCHAR2(64)	Array Disks Custom Field 2	UDF2
ARRAYDISKCUSTOMFIELD3	Array Disks Custom Field 3	VARCHAR2(64)	Array Disks Custom Field 3	UDF3
ARRAYDISKCUSTOMFIELD4	Array Disks Custom Field 4	VARCHAR2(64)	Array Disks Custom Field 4	UDF4
ARRAYDISKCUSTOMFIELD5	Array Disks Custom Field 5	VARCHAR2(64)	Array Disks Custom Field 5	UDF5
ARRAYDISKCUSTOMFIELD6	Array Disks Custom Field 6	VARCHAR2(64)	Array Disks Custom Field 6	UDF6
ARRAYDISKCUSTOMFIELD7	Array Disks Custom Field 7	VARCHAR2(64)	Array Disks Custom Field 7	UDF7
ARRAYDISKCUSTOMFIELD8	Array Disks Custom Field 8	VARCHAR2(64)	Array Disks Custom Field 8	UDF8
ARRAYDISKCUSTOMFIELD9	Array Disks Custom Field 9	VARCHAR2(64)	Array Disks Custom Field 9	UDF9
ARRAYDISKCUSTOMFIELD10	Array Disks Custom Field 10	VARCHAR2(64)	Array Disks Custom Field 10	UDF10

STS_ARRAY_LUN_MASK

This view contains information about each logical device that is LUN masked to a host or HBA WWN. The view contains one row for each unique combination of logical device, HBA WWN, and LUN.

**Related
StorageScope
Repository tables**

[“SRMArrayLunMask” on page 284](#)

Table 16 STS_ARRAY_LUN_MASK (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
PORT_WWN	Array Port WWN	varchar	Array port WWN	ArrayPortWWN
ARRAY_ISCSI_NAME	Array Port iSCSI Name	varchar	Unique name of the array iSCSI port	ArrayISCSIName
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	ArrayPortKey
PORT_NUMBER	Port No.	numeric	Port number (host, switch, or NAS storage device)	ArrayPortNumber
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	None
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias

Table 16 STS_ARRAY_LUN_MASK (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
SD_SIZE	Array Device Capacity - Usable (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Does not include any defined protection capacity for the device.	ArrayDevTotal
LUN	LUN No.	varchar	Logical Unit Number. For a CLARiiON, this is the Host LUN (HLU).	LunNo
HBA_ID	HBA ID	number	Internal ControlCenter Repository identifier for the HBA	HBAKey
HBA_WWN	Host Port WWN	varchar	World Wide Name (WWN) of the host port	HBAWWN
HOST_ISCSI_NAME	Host Port iSCSI Name	varchar	Unique name for the host iSCSI port	HostISCSIName
MAPPED	Mapped?	varchar	Indicates if the array device is mapped to a front-end port	IsMapped
TARGET_ID	Target ID	id	Array device to array front-end port target identifier	TargetID

STS_ARRAY_META_DEVICES

This view contains configuration details for all Symmetrix, CLARiiON, and HDS/HP XP expanded logical devices that have been discovered by their storage agents. The view contains one row per meta device.

**Related
StorageScope
Repository tables**

[“SRMArrayMetaDevice” on page 265](#)

Table 17 STS_ARRAY_META_DEVICES (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
COMPONENT_ID	Component	id	For CLARiiON arrays, the component to which the meta head or member belongs	ComponentID
SDGRP_ID	Meta Device Group ID	id	Internal ControlCenter Repository identifier for the meta device group	MetaDeviceGroupID
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
SD_SIZE	Array Device Capacity - Usable (GB)	capacity	Capacity on this meta device (meta head or meta member) available for use by the array. Does not include any defined protection capacity.	ArrayDevTotal
SD_TOTAL	Meta Device Capacity - Usable (GB)	capacity	Capacity on the device that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableTotal

Table 17 STS_ARRAY_META_DEVICES (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_USERCAPACITY_RAW	User-defined Device Capacity - Raw (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of Assignable Device Capacity - Raw. For all other array device types, same as Assignable Device Capacity - Raw.	UserDefinedCapacityRaw
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	UserDefinedCapacityTotal
SD_SIZE_RAW	Array Device Capacity - Raw (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Includes any defined protection capacity for the device.	ArrayDevRaw
ALLOCATED	Host Allocated?	varchar	Indicates if the array device is allocated to the host	HostAllocated
ARRAY_ALLOCATED	Array Allocated?	varchar	Indicates if the array device is allocated for use by the array	ArrayAllocated
ACCESSIBLE	Host Accessible?	varchar	Indicates if the array device is accessible to the host	IsAccessible
MAPPED	Mapped?	varchar	Indicates if the array device is mapped to a front-end port	IsMapped
VOLUMED	Used By Volume Group?	varchar	Indicates if the array device is used by a volume group	UsedByVolumeGroup
HAS_FS	Used By File System?	varchar	Indicates if the array device is used by a host file system	UsedByFileSystem
META_TYPE	Meta Type	varchar	Indicates if this device is a meta header or a meta member	MetaType

Table 17 STS_ARRAY_META_DEVICES (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_USERCAPACITY_RAW	User-defined Device Capacity - Raw (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of Assignable Device Capacity - Raw. For all other array device types, same as Assignable Device Capacity - Raw.	UserDefinedCapacityRaw
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	UserDefinedCapacityTotal
SD_SIZE_RAW	Array Device Capacity - Raw (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Includes any defined protection capacity for the device.	ArrayDevRaw
ALLOCATED	Host Allocated?	varchar	Indicates if the array device is allocated to the host	HostAllocated
ARRAY_ALLOCATED	Array Allocated?	varchar	Indicates if the array device is allocated for use by the array	ArrayAllocated
ACCESSIBLE	Host Accessible?	varchar	Indicates if the array device is accessible to the host	IsAccessible
MAPPED	Mapped?	varchar	Indicates if the array device is mapped to a front-end port	IsMapped
VOLUMED	Used By Volume Group?	varchar	Indicates if the array device is used by a volume group	UsedByVolumeGroup
HAS_FS	Used By File System?	varchar	Indicates if the array device is used by a host file system	UsedByFileSystem
META_TYPE	Meta Type	varchar	Indicates if this device is a meta header or a meta member	MetaType

Table 17 STS_ARRAY_META_DEVICES (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
METAHEAD_SD_ALIAS	Meta Head Device Name	varchar	Name of the meta head device	MetaHeaderAlias
META_CONFIG	Striped/Concatenated	varchar	Indicates if the expanded logical device is striped or concatenated	MetaConfig
STRIPE_SIZE	Stripe Size (GB)	capacity	If striped, the size of the stripe	StripeSize
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar	Type of array	ArrayType
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ARRAYMETADEVCUSTOMFIELD 1	Array Meta Devices Custom Field 1	varchar	Array Meta Devices Custom Field 1	UDF1
ARRAYMETADEVCUSTOMFIELD 2	Array Meta Devices Custom Field 2	varchar	Array Meta Devices Custom Field 2	UDF2
ARRAYMETADEVCUSTOMFIELD 3	Array Meta Devices Custom Field 3	varchar	Array Meta Devices Custom Field 3	UDF3
ARRAYMETADEVCUSTOMFIELD 4	Array Meta Devices Custom Field 4	varchar	Array Meta Devices Custom Field 4	UDF4
ARRAYMETADEVCUSTOMFIELD 5	Array Meta Devices Custom Field 5	varchar	Array Meta Devices Custom Field 5	UDF5
ARRAYMETADEVCUSTOMFIELD 6	Array Meta Devices Custom Field 6	varchar	Array Meta Devices Custom Field 6	UDF6
ARRAYMETADEVCUSTOMFIELD 7	Array Meta Devices Custom Field 7	varchar	Array Meta Devices Custom Field 7	UDF7
ARRAYMETADEVCUSTOMFIELD 8	Array Meta Devices Custom Field 8	varchar	Array Meta Devices Custom Field 8	UDF8
ARRAYMETADEVCUSTOMFIELD 9	Array Meta Devices Custom Field 9	varchar	Array Meta Devices Custom Field 9	UDF9
ARRAYMETADEVCUSTOMFIELD 10	Array Meta Devices Custom Field 10	varchar	Array Meta Devices Custom Field 10	UDF10

STS_ARRAY_PORT

This view contains configuration details for each array front-end port. The view contains one row per port.

Related StorageScope Repository tables

- ◆ [“SRMArrayPort” on page 269](#)
- ◆ [“SRMArrayPortMetrics” on page 272](#)

Table 18 STS_ARRAY_PORT (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	ArrayPortKey; ArrayPortID
PORT_NUMBER	Port No.	numeric	Port number (host, switch, or NAS storage device)	ArrayPortNumber
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NUMBER	Adapter No.	numeric	Number of the HBA, switch, or array adapter	None
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	ArrayPortAlias
PORT_TYPE	Port Type	varchar	Port type	ArrayPortType
PORT_WWN	Port WWN	varchar	Port WWN. N/A if iSCSI port.	ArrayPortWWN
PORT_IP	iSCSI IP Address	varchar	IP address of iSCSI port	ArrayPortIP
ISCSI_NAME	iSCSI Name	varchar	Unique name for the iSCSI port	ISCSIName

Table 18 STS_ARRAY_PORT (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
PORT_STATUS	Port Status	varchar	Indicates if the port is enabled (On) or disabled (Off). For Symmetrix only.	ArrayPortStatus
SCSI_PORT_SAPORTFLAG	SCSI Flags - SCSI Port	varchar	SCSI protocol flags on the SCSI port	SCSIFlagOnSCSIPort
FIBREPORT_FALOOPNUM	Loop No.	numeric	Loop number	FibrePortLoopNum
FIBREPORT_SAPORTFLAG	SCSI Flags	varchar	SCSI protocol flags	FibrePortSCSIFlag
FIBREPORT_FAPORTFLAG	FA Flags	varchar	FA port flags	FibrePortFCFlag
PORT_HOSTMODE	Port Host Mode	varchar	Host mode of the array port	PortHostMode
ST_DEVICECOUNT	# Storage Devices	numeric	Number of storage devices	PortConnDevTotal
CONN_DEVICESIZE	Device Capacity - Total (GB)	capacity	Total array device capacity that is mapped to the port	PortConnDevTotal
PORT_CONNCOUNT	# Connections	numeric	Number of connections that array port has, either to host or switch	PortConnCount
ARRAYPORTCUSTOMFIELD1	Array Port Custom Field 1	varchar	Array Port Custom Field 1	UDF1
ARRAYPORTCUSTOMFIELD2	Array Port Custom Field 2	varchar	Array Port Custom Field 2	UDF2
ARRAYPORTCUSTOMFIELD3	Array Port Custom Field 3	varchar	Array Port Custom Field 3	UDF3
ARRAYPORTCUSTOMFIELD4	Array Port Custom Field 4	varchar	Array Port Custom Field 4	UDF4
ARRAYPORTCUSTOMFIELD5	Array Port Custom Field 5	varchar	Array Port Custom Field 5	UDF5
ARRAYPORTCUSTOMFIELD6	Array Port Custom Field 6	varchar	Array Port Custom Field 6	UDF6
ARRAYPORTCUSTOMFIELD7	Array Port Custom Field 7	varchar	Array Port Custom Field 7	UDF7
ARRAYPORTCUSTOMFIELD8	Array Port Custom Field 8	varchar	Array Port Custom Field 8	UDF8
ARRAYPORTCUSTOMFIELD9	Array Port Custom Field 9	varchar	Array Port Custom Field 9	UDF9
ARRAYPORTCUSTOMFIELD10	Array Port Custom Field 10	varchar	Array Port Custom Field 10	UDF10

STS_ARRAY_PORT_CONNECTION

This view lists each array port and each of the managed objects (host, HBA, or switch) to which the port is connected. This view contains one row per port connection.

**Related
StorageScope
Repository tables**

[“SRMArrayPortConnection” on page 277](#)

Table 19 STS_ARRAY_PORT_CONNECTION (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	ArrayPortKey
PORT_NUMBER	Port No.	numeric	Port number (host, switch, or NAS storage device)	ArrayPortNumber
PORT_WWN	Port WWN	varchar	Port WWN. N/A if iSCSI port.	ArrayPortWWN
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	ArrayPortAlias
CONN_ST_ID	Connected Node ID	id	Internal ControlCenter Repository identifier for the connected node	ConnMOID
CONN_ST_SN	Connected Node S/N	varchar	Connected node serial number	ConnMOName
CONN_ST_ALIAS	Connected Node	varchar	User-defined or system-assigned name for the connected node	ConnMOAlias
CONN_ST_TYPE	Connected Node Type	varchar	Connected node type	ConnMOType
CONN_PORT_ID	Connected Port ID	id	Internal ControlCenter Repository identifier for connected port	ConnPortID

Table 19 STS_ARRAY_PORT_CONNECTION (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONN_PORT_NUMBER	Connected Port No.	numeric	Connected port number	ConnPortNumber
CONN_PORT_WWN	Connected Port WWN	varchar	Connected port WWN	ConnPortWWN
CONN_ADPORT_ALIAS	Connected Port	varchar	User-defined or system-assigned name for the connected port	ConnPortAlias

STS_ARRAY_PORT_TO_DEV

This view shows the relationship between array ports and the logical devices to which the ports are connected. The view contains one row per unique combination of array port/logical device connection.

Related StorageScope Repository tables

[“SRMArrayPortToDevice” on page 280](#)

Table 20 STS_ARRAY_PORT_TO_DEV (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	ArrayPortKey; ArrayPortID
PORT_NUMBER	Port No.	varchar	Port number (host, switch, or NAS storage device)	ArrayPortNumber
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	ArrayPortAlias
PORT_TYPE	Port Type	varchar	Port type	ArrayPortType
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName

Table 20 STS_ARRAY_PORT_TO_DEV (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_SIZE	Array Device Capacity - Usable (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Does not include any defined protection capacity for the device.	ArrayDevTotal
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
LUN	LUN No.	varchar	Logical Unit Number. For a CLARiiON, this is the Host LUN (HLU).	LunNo
TARGET_ID	Target ID	id	Array device to array front-end port target identifier	TargetID

STS_ARRAY_RAIDGROUP

This view contains configuration and status details about each CLARiON RAID group found in the ControlCenter Repository. The view contains one row for each unique combination of array and RAID group. provides details about CLARiON RAID groups.

Related StorageScope Repository tables

- ◆ [“SRMRaidGroup” on page 289](#)
- ◆ [“SRMRaidGroupMetrics” on page 291](#)

Table 21 STS_ARRAY_RAIDGROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_TYPE	Array Type	varchar	Type of array	ArrayType
RG_NAME	RAID Group Name	varchar	Name of the RAID group	RaidGroupName
RG_NUMBER	Raid Group Number	varchar	User-assigned number of the RAID group	RaidGroupNumber
RG_TYPE	RAID Type	varchar	RAID type of the LUNS bound to this RAID group (for example, RAID3 or RAID5)	RaidGroupType
RG_LUN_COUNT	# LUNs	numeric	Number of LUNs bound to this RAID group	RGLunCount
RG_DISK_COUNT	# Disks	numeric	Number of physical disks in this RAID group	RGDiskCount
RG_RAW	Raw Capacity (GB)	capacity	Raw device capacity in the RAID group. The sum of logical devices plus the protection level.	RGRaw
RG_USABLE	Usable Capacity (GB)	capacity	Logical capacity of the RAID group. Equals raw capacity minus protection capacity.	RGUsable

Table 21 STS_ARRAY_RAIDGROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RG_TOTAL	Device Capacity - Total (GB)	capacity	Sum of user-defined portion of the Assignable Device Capacity of all the bound LUNs in the RAID group.	RGTotal
RG_FREE	Free Capacity (GB)	capacity	Logical capacity still available for binding LUNs. Equals logical capacity minus the sum of the capacities of bound LUNs.	RGFree
RG_ID	RAID Group ID	id	Internal ControlCenter Repository identifier for the RAID group	RaidGroupKey
RG_STATE	RAID Group State	varchar	Current state of this RAID group. Valid values are: Invalid, Explicit_Remove, Valid_luns, Expanding, Defragmenting, Halted, and Busy.	RaidGroupState
RG_FREE_CONTIGUOUS_GROUP	Largest Contiguous Free Space (GB)	capacity	Size of the largest contiguous span of free space in this RAID group	RGLargestContiguousFreeSpace
RG_DEFEXPPRIORITY	Expansion/Defragmentation Priority	varchar	Determines how fast expansion and defragmentation occurs. Values are Low, Medium, or High. Medium is the default.	RGDefExpPriority
RG_DEFRAG_PERCENT	% Defragmented	capacity	Percentage of defragmentation operation that has completed	RGDefragmentedPercent
RG_LUNEXPENABLED	LUN Expansion Enabled?	varchar	Indicates if LUN expansion is enabled for this RAID group	LunExpEnabled
RG_EXP_PERCENT	% Expanded	capacity	Percentage of expansion operation that has completed	RGExpandedPercent
DRIVE_TYPE	Drive Type	varchar	The type of disk drive in the RAID group. Possible values are: ATA, Fibre Channel, and Invalid.	DriveType

STS_ARRAY_REPLICA

This view contains information about Symmetrix array replicas. The view contains one row for each unique combination of primary device and replica device.

Related StorageScope Repository tables

[“SRMArrayReplica” on page 286](#)

Table 22 STS_ARRAY_REPLICA (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RP_TYPE	Replica Type	varchar	Replica type	ReplicaType
RP_HOST_ID	Replica Host/HBA/iSCSI ID	id	Internal ControlCenter Repository identifier for host to which the replica is accessible. If the host is unknown, the ID of the HBA or iSCSI port.	ReplicaHostID
RP_HOST_NAME	Replica Host/HBA/iSCSI Name	varchar	Host to which the replica is accessible. If the host is unknown, the name of the HBA or iSCSI port.	ReplicaHostName
RP_HOST_ALIAS	Replica Host/HBA/iSCSI	varchar	User-defined or system-assigned name of the host to which the replica is accessible. If the host is unknown, the name of the HBA or iSCSI port.	ReplicaHostAlias
RP_SD_ID	Replica Device ID	id	Internal ControlCenter Repository identifier for replica device	ReplicaDevKey
RP_SD_NAME	Replica Device Name	varchar	Replica device name	None
RP_SD_ALIAS	Replica Device	varchar	User-defined or system-assigned name of the replica device	None
RP_SD_SIZE	Replica Device Capacity (GB)	capacity	Replica device capacity	None
RP_ST_ID	Replica Array ID	id	Internal ControlCenter Repository identifier for replica array	ReplicaArrayKey
RP_ST_SN	Replica Array S/N	varchar	Serial number of the array containing the replica device	None

Table 22 STS_ARRAY_REPLICA (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RP_ST_ALIAS	Replica Array	varchar	User-defined or system-assigned name for the replica array	None
PRI_HOST_ID	Primary Host/HBA/iSCSI ID	id	Internal ControlCenter Repository identifier for the host to which the primary device is accessible. If the host is unknown, the ID of the HBA or iSCSI port.	PrimaryHostID
PRI_HOST_NAME	Primary Host/HBA/iSCSI Name	varchar	Name of the host to which the primary device is accessible. If the host is unknown, the name of the HBA or iSCSI port.	PrimaryHostName
PRI_HOST_ALIAS	Primary Host/HBA/iSCSI	varchar	User-defined or system-assigned name of host to which the primary device is accessible. If the host is unknown, the name of the HBA or iSCSI port.	PrimaryHostAlias
PRI_SD_ID	Primary Device ID	id	Internal ControlCenter Repository identifier for primary device	PrimaryDevKey
PRI_SD_NAME	Primary Device Name	varchar	System-assigned name of the primary device associated with replica device	None
PRI_SD_ALIAS	Primary Device	varchar	User-defined or system-assigned name for primary device associated with replica device	None
PRI_SD_SIZE	Primary Device Capacity (GB)	capacity	Primary device capacity	None
PRI_ST_ID	Primary Array ID	id	Internal ControlCenter Repository identifier for primary array	None
PRI_ST_SN	Primary Array S/N	varchar	Serial number of the array containing the primary device	None
PRI_ST_ALIAS	Primary Array	varchar	User-defined or system-assigned name of the array containing primary device	None

STS_ARRAY_STORAGEGROUP

This view provides information about CLARiiON storage groups and the LUNs in each storage group. Records are ordered by CLARiiON name, storage group name, then device (LUN) name.

Related
StorageScope
Repository tables

[“SRMArrayStorageGroup” on page 304](#)

Table 23 STS_ARRAY_STORAGEGROUP

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	number(38)	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_ALIAS	Array	varchar2(128)	User-defined or system-assigned name for the array	ArrayAlias
STGRP_ID	Storage Group ID	number(38)	Internal ControlCenter Repository identifier for the array storage group	StorageGroupKey; StorageGroupID
STGRP_NAME	Storage Group Name	varchar2(64)	Name of the array storage group	StorageGroupName
SD_ID	Array Device ID	number(38)	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_ALIAS	Array Device	varchar2(4000)	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias

STS_BACKUP_CLIENT

This view provides detailed information about the backup and restore jobs performed for each client during the previous 48-hour period.

Related StorageScope Repository tables

- ◆ [“SRMBackupClient” on page 517](#)
- ◆ [“SRMBackupClientMetrics” on page 519](#)

Table 24 STS_BACKUP_CLIENT (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPCLIENT_ID	Backup Client ID	id	Internal ControlCenter Repository identifier for the client host	BackupClientKey
CLIENT_NAME	Client Host Name	varchar	System-assigned name of the client host	ClientName
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerKey
SOFTWARE_NAME	Backup Software	varchar	Type of backup software installed on the backup server	SoftwareName
SOFTWARE_VERSION	Backup Software Version	varchar	Version of backup software installed on the backup server	SoftwareVersion
CONFIGITEM_COUNT	# Configuration Items	numeric	Number of configuration items related to the client	ConfigItemCount
DATASET_COUNT	# Data Sets	numeric	Number of data sets on client	DataSetCount
TOTAL_JOB_SUCC_COUNT	# Successful Jobs (last 48 hours)	numeric	Number of successful jobs run on the client in the last 48 hours	TotalJobSuccCount

Table 24 STS_BACKUP_CLIENT (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
TOTAL_JOB_SUCC_SIZE	Total Job Size - Successful (GB) (last 48 hours)	capacity	Total size of successful jobs in the last 48 hours	TotalJobSuccSize
TOTAL_JOB_FAIL_COUNT	# Failed Jobs (last 48 hours)	numeric	Number of failed jobs run on the client in the last 48 hours	TotalJobFailCount
TOTAL_JOB_FAIL_SIZE	Total Job Size - Failed (GB) (last 48 hours)	capacity	Total size of failed jobs in the last 48 hours	TotalJobFailSize
TOTAL_JOB_COUNT	# Jobs (last 48 hours)	numeric	Number of jobs run on the client in the last 48 hours	TotalJobCount
TOTAL_JOB_SIZE	Total Job Size (GB) (last 48 hours)	capacity	Total size of all jobs run in the last 48 hours	TotalJobSize
BKUP_JOB_SUCC_COUNT	# Successful Backup Jobs (last 48 hours)	numeric	Number of successful backup jobs run on the client in the last 48 hours	BackupJobSuccCount
BKUP_JOB_SUCC_SIZE	Backup Job Size - Successful (GB) (last 48 hours)	capacity	Size of successful backup jobs in the last 48 hours	BackupJobSuccSize
BKUP_JOB_FAIL_COUNT	# Failed Backup Jobs (last 48 hours)	numeric	Number of failed backup jobs run on the client in the last 48 hours	BackupJobFailCount
BKUP_JOB_FAIL_SIZE	Backup Job Size - Failed (GB) (last 48 hours)	capacity	Size of failed backup jobs in the last 48 hours	BackupJobFailSize
BKUP_JOB_COUNT	# Backup Jobs (last 48 hours)	numeric	Number of backup jobs run on the client in the last 48 hours	BackupJobCount
BKUP_JOB_SIZE	Backup Job Size (GB) (last 48 hours)	capacity	Total size of backup jobs in the last 48 hours	BackupJobSize
RESTORE_JOB_SUCC_COUNT	# Successful Restore Jobs (last 48 hours)	numeric	Number of successful restore jobs run on the client in the last 48 hours	RestoreJobSuccCount
RESTORE_JOB_SUCC_SIZE	Restore Job Size - Successful (GB) (last 48 hours)	capacity	Size of successful restore jobs in the last 48 hours	RestoreJobSuccSize
RESTORE_JOB_FAIL_COUNT	# Failed Restore Jobs (last 48 hours)	numeric	Number of failed restore jobs run on the client in the last 48 hours	RestoreJobFailCount
RESTORE_JOB_FAIL_SIZE	Restore Job Size - Failed (GB) (last 48 hours)	capacity	Size of failed restore jobs in the last 48 hours	RestoreJobFailSize

Table 24 STS_BACKUP_CLIENT (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RESTORE_JOB_COUNT	# Restore Jobs (last 48 hours)	numeric	Number of restore jobs run on the client in the last 48 hours	RestoreJobCount
RESTORE_JOB_SIZE	Restore Job Size (GB) (last 48 hours)	capacity	Total size of restore jobs in the last 48 hours	RestoreJobSize
UNKNOWN_JOB_FAIL_COUNT	# Failed Unknown Jobs (last 48 hours)	numeric	Number of failed unknown jobs run on the client in the last 48 hours	UnknownJobFailCount
UNKNOWN_JOB_FAIL_SIZE	Job Size - Failed Unknown (GB) (last 48 hours)	capacity	Size of failed unknown jobs in the last 48 hours	UnknownJobFailSize

STS_BACKUP_DATASET

This view provides detailed information about each configuration item in a data set.

**Related
StorageScope
Repository tables**

[“SRMBackupDataset” on page 522](#)

Table 25 STS_BACKUP_DATASET (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DATASET_ID	Data Set ID	id	Internal ControlCenter Repository identifier for the data set	None
BACKUPCLIENT_ID	Backup Client ID	id	Internal ControlCenter Repository identifier for backup client	BackupClientID
CLIENT_NAME	Client Host Name	varchar	System-assigned name of the client host	BackupClientName
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerKey
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
SOFTWARE_NAME	Backup Software	varchar	Type of backup software installed on the backup server	SoftwareName
SOFTWARE_VERSION	Backup Software Version	varchar	Version of backup software installed on the backup server	SoftwareVersion

Table 25 STS_BACKUP_DATASET (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONFIGITEMNAME	Configuration Item Name	varchar	User-defined name for the configuration item (Policy Domain, Group, Policy, or Work Item, depending on backup software used)	ConfigureItemName
BACKUPCONFIGITEM_ID	Backup Config Item ID	id	Internal ControlCenter Repository identifier for the configuration item	ConfigureItemID
DATASETSOURCENAME	Data Set Name	varchar	Name of data set (File Space, Save Set, Included File, or Item, depending on backup software used)	DataSetSourceName

STS_BACKUP_DETAILS

This view provides details about each backup and restore job performed during the previous 48-hour period. Each client configured in the configuration item for a job is shown as a separate job with a unique backup job ID and a unique internal job ID.

**Related
StorageScope
Repository tables**

[“SRMBackupDetails” on page 523](#)

Table 26 STS_BACKUP_DETAILS (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerKey
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
CONFIGITEMNAME	Configuration Item Name	varchar	User-defined name for the configuration item (Policy Domain, Group, Policy, or Work Item, depending on backup software used)	ConfigureItemName
BACKUPCONFIGITEM_ID	Backup Config Item ID	id	Internal ControlCenter Repository identifier for backup configuration item	ConfigureItemID
BACKUPCLIENT_ID	Backup Client ID	id	Internal ControlCenter Repository identifier for backup client	BackupClientKey
CLIENT_NAME	Client Host Name	varchar	System-assigned name of the client host	ClientName
SCHEDULENAME	Schedule Name	varchar	Schedule name	ScheduleName
STARTTIME	Start Time (GMT)	date	Start time of backup	JobStartTime
ENDTIME	End Time (GMT)	date	End time of backup	JobEndTime
JOBTYPE	Job Type	varchar	Job type	JobType

Table 26 STS_BACKUP_DETAILS (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPLEVEL	Backup Level	varchar	Level of backup job	BackupLevel
STATUS	Status	varchar	Job status	Status
JOB_SIZE	Job Size (GB)	capacity	Size of job	JobSize
ERROR_COUNT	# Errors (last 48 hours)	numeric	Number of errors in the last 48 hours	ErrorCount
BACKUPJOB_ID	Backup Job ID	id	Internal ControlCenter Repository identifier for backup job	BackupJobID
INTERNALJOBID	Internal Job ID	varchar	Internal job ID	InternalJobID

STS_BACKUP_JOB_ERRORS

This view provides details about backup jobs that have failed or raised an exception during the previous 48-hour period.

**Related
StorageScope
Repository tables**

[“SRMBackupJobErrors” on page 525](#)

Table 27 STS_BACKUP_JOB_ERRORS (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerKey
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
BACKUPCLIENT_ID	Backup Client ID	id	Internal ControlCenter Repository identifier for backup client	BackupClientKey
CLIENT_NAME	Client Host Name	varchar	System-assigned name of the client host	ClientName
BACKUPCONFIGITEM_ID	Backup Config Item ID	id	Internal ControlCenter Repository identifier for backup configuration item	ConfigureItemID
CONFIGITEMNAME	Configuration Item Name	varchar	User-defined name for the configuration item (Policy Domain, Group, Policy, or Work Item, depending on backup software used)	ConfigureItemName
STARTTIME	Start Time (GMT)	date	Start time of backup	JobStartTime
ENDTIME	End Time (GMT)	date	End time of backup	JobEndTime
JOBTYP	Job Type	varchar	Job type	JobType
REASON	Job Error Reason	varchar	Reason for job error or exception	Reason

Table 27 STS_BACKUP_JOB_ERRORS (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
JOBRESULTDESCRIPTION	Job Result Description	varchar	Job result description	JobResultDescription
ROOTCAUSEDESCRIPTION	Error Root Cause Descripton	varchar	Error root cause description	RootCauseDescription
ROOTCAUSESUMMARY	Error Summary	varchar	Error root cause summary	RootCauseSummary
BACKUPJOB_ID	Backup Job ID	id	Internal ControlCenter Repository identifier for backup job	None
INTERNALJOB_ID	Internal Job Id	id	Internal Job Id	None

STS_BACKUP_SCHEDULE

This view provides details about backup job schedules including information about catalogs.

**Related
StorageScope
Repository tables**

[“SRMBackupSchedule” on page 527](#)

Table 28 STS_BACKUP_SCHEDULE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerKey
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
CONFIGITEMNAME	Configuration Item Name	varchar	User-defined name for the configuration item (Policy Domain, Group, Policy, or Work Item, depending on backup software used)	ConfigureItemName
SCHEDULENAME	Schedule Name	varchar	Schedule name	ScheduleName
SCHEDULETYPE	Backup Level	varchar	Backup level	ScheduleType
STARTTIME	Start Time (GMT)	date	Start time of backup	JobStartTime
FREQUENCY	Frequency	varchar	Frequency of schedule	Frequency
PERIOD	Period	varchar	Maximum window of opportunity (HH:MM:SS) during which a backup job can initiate	Period
CATALOGRETENTIONPERIOD	Catalog Retention Period	varchar	Period of time for which a catalog is active	CatalogRetentionPeriod
MEDIARETENTIONPERIOD	Media Retention Period	varchar	Period of time that the backup will be retained on the backup media	MediaRetentionPeriod

Table 28 STS_BACKUP_SCHEDULE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
STORAGETYPE	Storage Type	varchar	Type of storage on which backup is stored	StorageType
BACKUPCLIENT_ID	Backup Client ID	id	Internal ControlCenter Repository identifier for backup client	BackupClientKey
CLIENT_NAME	Client Host Name	varchar	System-assigned name of the client host	ClientName
DATASETSOURCENAME	Data Set Name	varchar	Name of data set (File Space, Save Set, Included File, or Item, depending on backup software used)	DataSetSourceName

STS_BACKUP_SERVER

This view provides information about the backup servers performing backup jobs including details about the number and size of jobs performed by each backup server during the previous 48-hour period.

Related StorageScope Repository tables

- ◆ [“SRMBackupServer” on page 512](#)
- ◆ [“SRMBackupServerMetrics” on page 514](#)

Table 29 STS_BACKUP_SERVER (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
BACKUPSERVER_HOST_NAME	Backup Server Host Name	varchar	System-assigned name of the backup server host	BackupServerHostName
BACKUPSERVER_HOST_ALIAS	Backup Server Host	varchar	User-defined or system-assigned name of the backup server host	BackupServerHostAlias
BACKUPSERVER_HOST_ID	Backup Server Host ID	id	Internal ControlCenter Repository identifier for backup server host	BackupServerHostID
BACKUPSERVER_ID	Backup Server ID	id	Internal ControlCenter Repository identifier for backup server	BackupServerID
SOFTWARE_NAME	Backup Software	varchar	Type of backup software installed on the backup server	SoftwareName
SOFTWARE_VERSION	Backup Software Version	varchar	Version of backup software installed on the backup server	SoftwareVersion
CLIENT_COUNT	# Clients	numeric	Number of clients	ClientCount
CONFIGITEM_COUNT	# Configuration Items	numeric	Number of configuration items	ConfigItemCount
DATASET_COUNT	# Data Sets	numeric	Number of data sets on clients	DataSetCount
BACKUPSERVER_LTD	Last Discovered	DATE	Date and time an agent last collected data about the backup server	None

Table 29 STS_BACKUP_SERVER (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
TOTAL_JOB_SUCC_COUNT	# Successful Jobs (last 48 hours)	numeric	Number of successful jobs run by the server in the last 48 hours	TotalJobSuccCount
TOTAL_JOB_SUCC_SIZE	Total Job Size - Successful (GB) (last 48 hours)	capacity	Total size of successful jobs in the last 48 hours	TotalJobSuccSize
TOTAL_JOB_FAIL_COUNT	# Failed Jobs (last 48 hours)	numeric	Number of failed jobs run by the server in the last 48 hours	TotalJobFailCount
TOTAL_JOB_FAIL_SIZE	Total Job Size - Failed (GB) (last 48 hours)	capacity	Total size of failed jobs in the last 48 hours	TotalJobFailSize
TOTAL_JOB_COUNT	# Jobs (last 48 hours)	numeric	Number of jobs run by the server in the last 48 hours	TotalJobCount
TOTAL_JOB_SIZE	Total Job Size (GB) (last 48 hours)	capacity	Total size of all jobs run in the last 48 hours	TotalJobSize
BKUP_JOB_SUCC_COUNT	# Successful Backup Jobs (last 48 hours)	numeric	Number of successful backup jobs run by the server in the last 48 hours	BackupJobSuccCount
BKUP_JOB_SUCC_SIZE	Backup Job Size - Successful (GB) (last 48 hours)	capacity	Size of successful backup jobs in the last 48 hours	BackupJobSuccSize
BKUP_JOB_FAIL_COUNT	# Failed Backup Jobs (last 48 hours)	numeric	Number of failed backup jobs run by the server in the last 48 hours	BackupJobFailCount
BKUP_JOB_FAIL_SIZE	Backup Job Size - Failed (GB) (last 48 hours)	capacity	Size of failed backup jobs in the last 48 hours	BackupJobFailSize
BKUP_JOB_COUNT	# Backup Jobs (last 48 hours)	numeric	Number of backup jobs run by the server in the last 48 hours	BackupJobCount
BKUP_JOB_SIZE	Backup Job Size (GB) (last 48 hours)	capacity	Total size of backup jobs in the last 48 hours	BackupJobSize
RESTORE_JOB_SUCC_COUNT	# Successful Restore Jobs (last 48 hours)	numeric	Number of successful restore jobs run by the server in the last 48 hours	RestoreJobSuccCount
RESTORE_JOB_SUCC_SIZE	Restore Job Size - Successful (GB) (last 48 hours)	capacity	Size of successful restore jobs in the last 48 hours	RestoreJobSuccSize
RESTORE_JOB_FAIL_COUNT	# Failed Restore Jobs (last 48 hours)	numeric	Number of failed restore jobs run by the server in the last 48 hours	RestoreJobFailCount

Table 29 STS_BACKUP_SERVER (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RESTORE_JOB_FAIL_SIZE	Restore Job Size - Failed (GB) (last 48 hours)	capacity	Size of failed restore jobs in the last 48 hours	RestoreJobFailSize
RESTORE_JOB_COUNT	# Restore Jobs (last 48 hours)	numeric	Number of restore jobs run by the server in the last 48 hours	RestoreJobCount
RESTORE_JOB_SIZE	Restore Job Size (GB) (last 48 hours)	capacity	Total size of restore jobs in the last 48 hours	RestoreJobSize
UNKNOWN_JOB_FAIL_SIZE	Job Size - Failed Unknown (GB) (last 48 hours)	capacity	Size of failed unknown jobs in the last 48 hours	UnknownJobFailSize
UNKNOWN_JOB_FAIL_COUNT	# Failed Unknown Jobs (last 48 hours)	numeric	Number of failed unknown jobs run on the client in the last 48 hours	UnknownJobFailCount

STS_CAS

This view contains basic configuration information for each CAS cluster found in the ControlCenter Repository. The view contains one row per CAS cluster.

Related StorageScope Repository tables

- ◆ [“SRMCASCluster” on page 606](#)
- ◆ [“SRMCASClusterMetrics” on page 608](#)

Table 30 STS_CAS (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CAS_ID	CAS Cluster ID	number(38)	Internal ControlCenter Repository identifier for this CAS cluster	CASID
CLUSTER_ID	CAS Cluster	varchar2(64)	System-assigned name for the CAS cluster	ClusterID
CLUSTER_SN	CAS Cluster S/N	varchar2(64)	Serial number of this CAS cluster	ClusterSN
CAS_ALIAS	CAS Cluster Name	varchar2(64)	System-assigned or user-defined name for the CAS cluster	ClusterAlias
INSTALL_LOC	Location	varchar2(64)	Physical location of this CAS cluster	InstallLoc
ADMIN_NAME	Administrator	varchar2(64)	Name of the administrator	AdminName
ADMIN_EMAIL	Administrator E-mail	varchar2(64)	E-mail address of the administrator	AdminEmail
ADMIN_PHONE	Administrator Telephone	varchar2(64)	Telephone number of the administrator	AdminPhone
SOFTWARE_VER	Software Version	varchar2(64)	Version of the CentraStar software running on the CAS cluster	SoftwareVer
COMPLIANCE_MODE	Compliance Mode	varchar2(64)	Compliance mode (None, Basic, or Full)	ComplianceMode
PROTECTION_SCHEME	Protection Schemes	varchar2(64)	Comma-separated list of the protection schemes used on the CAS cluster to store data redundantly. Possible values are M2 for mirrored or R61 for parity.	ProtectionScheme

Table 30 STS_CAS (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CAS_SERVICECOUNT	# Services	number(38)	Number of services running on this CAS cluster (for example, SNMP)	CASServiceCount
CAS_ACCESSNODECOUNT	# Access Nodes	number(38)	Number of access nodes in this CAS cluster	CASAccessNodeCount
CAS_STORNODECOUNT	# Storage Nodes	number(38)	Number of storage nodes in this CAS cluster	CASStorageNodeCount
CAS_POOLCOUNT	# Pools	number(38)	Number of pools used in this CAS cluster	CASPoolCount
CAS_PROFILECOUNT	# Profiles	number(38)	Number of application profiles on this CAS cluster	CASProfileCount
CAS_TOTAL	Cluster - Total (GB)	float(126)	Total physical capacity of this CAS cluster or all CAS clusters in the group	CASTotal
CAS_USED	Cluster - Used (GB)	float(126)	Capacity on this CAS cluster or all CAS clusters in the group in use for storing protected user data plus overhead (audit or metadata) capacity required to manage stored data	CASUsed
CAS_FREE	Cluster - Free (GB)	float(126)	Capacity on this CAS cluster or all CAS clusters in the group available for storing protected user data or performing self-healing operations in case of disk or node failure	CASFree
CAS_OFFLINE	Cluster - Offline (GB)	float(126)	Capacity on this CAS cluster or all CAS clusters in the group that is temporarily unavailable due to node reboots, offline nodes, or hardware failures	CASOffline
CAS_SPARE	Cluster - Spare (GB)	float(126)	Capacity on nodes configured as spare nodes which can be made available for storage	CASSpare

Table 30 STS_CAS (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CAS_SYSTEM_RESOURCE	System Resources (GB)	float(126)	Capacity used by the CentraStar software. This capacity is always unavailable for storing data.	CASSystemResource
CAS_LASTDISCOVER TIME	Last Discovered	date	Date and time an agent last collected data about the CAS cluster	None
GRP_LIST	Group List	varchar2(4000)	Group list	None

STS_CAS_BY_GROUP

This view contains CAS cluster-related numerical data (counts and capacities) for each user-defined group that contains a CAS cluster.

**Related
StorageScope
Repository tables**

[“SRMCASByGroupMetrics” on page 622](#)

Table 31 STS_CAS_BY_GROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_CASCOUNT	# CAS Clusters	numeric	Number of CAS clusters in the group	CASCount
CAS_TOTAL	Cluster - Total (GB)	capacity	Total physical capacity of this CAS cluster or all CAS clusters in the group	CASTotal
CAS_USED	Cluster - Used (GB)	capacity	Capacity on this CAS cluster or all CAS clusters in the group in use for storing protected user data plus overhead (audit or metadata) capacity required to manage stored data	CASUsed

Table 31 STS_CAS_BY_GROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CAS_FREE	Cluster - Free (GB)	capacity	Capacity on this CAS cluster or all CAS clusters in the group available for storing protected user data or performing self-healing operations in case of disk or node failure	CASOffline
CAS_OFFLINE	Cluster - Offline (GB)	capacity	Capacity on this CAS cluster or all CAS clusters in the group that is temporarily unavailable due to node reboots, offline nodes, or hardware failures	CASOffline
CAS_SPARE	Cluster - Spare (GB)	capacity	Capacity on nodes configured as spare nodes which can be made available for storage	CASSpare
CAS_SYSTEM_RESOURCE	System Resources (GB)	capacity	Capacity used by the CentraStar software. This capacity is always unavailable for storing data.	CASSystemResource

STS_CENTERA_POOL

This view contains basic configuration information for each CAS pool found in the ControlCenter Repository. The view contains one row per CAS pool.

Related StorageScope Repository tables

- ◆ [“SRMCASPool” on page 614](#)
- ◆ [“SRMCASPoolMetrics” on page 616](#)

Table 32 STS_CENTERA_POOL

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
POOL_NAME	Pool Name	varchar	Name of the pool	PoolName
POOL_USED	Pool - Used (GB)	capacity	Raw capacity in the pool or pools in the group that is in use	CASPoolUsed
GRP_LIST	Group List	list	Group list	None
POOL_ID	Pool ID	id	Internal ControlCenter Repository identifier for the pool	CenteraPoolKey
POOL_FREE	Pool - Free (GB)	capacity	Amount of raw capacity in the pool or pools in the group available for use	CASPoolFree
POOL_QUOTA	Pool - Quota (GB)	capacity	Total raw capacity allocated to the pool or pools in the group. Equals Pool - Free plus Pool - Used.	CASPoolQuota
CAS_ALIAS	CAS Cluster Name	varchar	System-assigned or user-defined name for the CAS cluster	ClusterAlias
CAS_ID	CAS Cluster ID	id	Internal ControlCenter Repository identifier for this CAS cluster	CASID

STS_CENTERA_POOL_BY_GROUP

This view contains numerical data (for example, pool quota) for each user-defined group that contains a CAS pool. The view contains one row per group.

**Related
StorageScope
Repository tables**

[“SRMCASPoolByGroupMetrics” on page 624](#)

Table 33 STS_CENTERA_POOL_BY_GROUP

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_CENTERAPOOLCOUNT	# Pools	numeric	Number of pools used by the CAS clusters in the group	CASPoolCount
POOL_QUOTA	Pool - Quota (GB)	capacity	Total raw capacity allocated to the pool or pools in the group. Equals Pool - Free plus Pool - Used.	CASPoolQuota
POOL_USED	Pool - Used (GB)	capacity	Raw capacity in the pool or pools in the group that is in use	CASPoolUsed
POOL_FREE	Pool - Free (GB)	capacity	Amount of raw capacity in the pool or pools in the group available for use	CASPoolFree

STS_CENTERA_STORAGENODE

This view contains basic configuration information for each CAS storage node found in the ControlCenter Repository. The view contains one row per storage node.

**Related
StorageScope
Repository tables**

[“SRMCASStorageNode” on page 621](#)

Table 34 STS_CENTERA_STORAGENODE

Column Name	Label	Datatype	Description	StorageScope repository Equivalent
CAS_ID	CAS Cluster ID	id	Internal ControlCenter Repository identifier for this CAS cluster	CASClusterKey
CAS_ALIAS	CAS Cluster Name	varchar	System-assigned or user-defined name for the CAS cluster	ClusterAlias
NODE_ID	Node ID	id	Internal ControlCenter Repository identifier for the node	StorageNodeKey; NodeID
NODE_NAME	Node Name	varchar	System-assigned name for the node	NodeName
NODE_TOTAL	Node - Total (GB)	capacity	Total physical capacity of the node	NodeTotal
NODE_USED	Node - Used (GB)	capacity	Capacity on this node in use for storing protected user data	NodeUsed
NODE_STATE	State	varchar	State of this storage node	NodeState

STS_COMPONENT

This view provides a list of ControlCenter components (infrastructure and agents) installed in your infrastructure.

**Related
StorageScope
Repository tables**

[“SRMAgentComponent” on page 666](#)

Table 35 STS_COMPONENT

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Component Host ID	id	Internal ControlCenter Repository identifier for the host	HostKey; HostID
HOST_NAME	Component Host Name	varchar	Name of the host on which the component resides	HostName
HOST_ALIAS	Component Host	varchar	User-defined or system-assigned name of the host on which the component resides	HostAlias
COMP_IPADDRESS	IP Address	varchar	IP address of the host on which the component resides	CompIPAddress
COMP_SUBTYPE	Component Type	varchar	Type of component (infrastructure component or agent type)	CompSubType
COMP_VERSION	Component Version	varchar	Version number of component	CompVersion
COMP_STATUS	Status	varchar	Status of component	CompStatus
COMP_INSTALLDATE	Install Date	date	Date on which component was installed	CompInstallDate
AGENT_DESC	Agent Description	varchar	Agent description	AgentDesc

STS_DEVICE_ALLOCATION

This view lists all array devices and provides details about each device including the capacity of the device (raw and usable), whether the device is allocated, and whether it is accessible to hosts.

**Related
StorageScope
Repository tables**

[“SRMDeviceAllocation” on page 266](#)

Table 36 STS_DEVICE_ALLOCATION (1 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_TYPE	Array Type	varchar	Type of array	ArrayType
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
SD_TOTAL	Assignable Device Capacity (GB)	capacity	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableTotal

Table 36 STS_DEVICE_ALLOCATION (2 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_SIZE	Array Device Capacity - Usable (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Does not include any defined protection capacity for the device.	ArrayDevTotal
SD_ALLOC_TYPE	Array Allocation Type	varchar	Describes how the array device has been allocated within the array. If the array device is not allocated, this column is blank.	AllocationType
ST_EMULATION	Emulation	varchar	Emulation mode of the device	EmulationMode
SD_PORTCOUNT	# Ports	numeric	Number of array front-end ports that this device is presented through	ArrayDevPortCount
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
HOST_ID	Host/HBA/iSCSI ID	id	Internal ControlCenter Repository identifier for the host or the HBA or iSCSI port if the host is unknown	HostKey; HostID
HOST_NAME	Host/HBA/iSCSI Name	varchar	System-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostName
HOST_ALIAS	Host/HBA/iSCSI	varchar	User-defined or system-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostOrHBAAlias

Table 36 STS_DEVICE_ALLOCATION (3 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_POOL_ID	Storage Pool ID	id	Internal ControlCenter Repository identifier for storage pool	StoragePoolKey; StoragePoolID
ST_POOL_NAME		varchar	Name of the storage pool to which the device belongs	StoragePoolName
SD_CONS_GRPID	Consistency Group ID	id	Internal ControlCenter Repository identifier for consistency group	None
SD_CONS_GRPNAME	Consistency Group Name	varchar	Name of the consistency group to which the device belongs. Applies to Symmetrix devices only.	ConsistencyGroupName
ALLOCATED	Host Allocated?	varchar	Indicates if the array device is allocated to the host	HostAllocated
WHY_ALLOCATED	Host Allocated Description	varchar	Describes why or why not the array device is allocated to the host	WhyAllocated
ACCESSIBLE	Host Accessible?	varchar	Indicates if the array device is accessible to the host	IsAccessible
WHY_ACCESSIBLE	Host Accessible Description	varchar	Describes why or why not the array device is accessible to the host	WhyAccessible
ACCESSIBLE_BY	Accessible By	varchar	If the LUN is accessible, indicates whether it is accessible to a host, HBA, iSCSI port, or NAS data mover. If the LUN is not accessible, this field is empty (null value).	AccessibleBy
ARRAY_ALLOCATED	Array Allocated?	varchar	Indicates if the array device is allocated for use by the array	ArrayAllocated
HDS_ARRAY_ALLOCATED	HDS Allocated?	varchar	If this is an Hitachi Data Systems (HDS) or HP XP device, indicates if it is array allocated. If not an HDS or HP XP device, N/A appears in this field.	HDSArrayAllocated
MAPPED	Mapped?	varchar	Indicates if the array device is mapped to a front-end port	IsMapped
LUN_MASKED	LUN Masked?	varchar	Indicates if the device is LUN masked	IsLunMasked

Table 36 STS_DEVICE_ALLOCATION (4 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VOLUMED	Used By Volume Group?	varchar	Indicates if the array device is used by a volume group	UsedByVolumeGroup
HAS_FS	Used By File System?	varchar	Indicates if the array device is used by a host file system	UsedByFileSystem
USED_BY_VMFS_RDMRAW	Used by Virtual Machine?	varchar	Indicates whether or not the host device is used by a VMFS, raw disk, or RDM	UsedByVMFSRDMRaw
SD_TOTAL_RAW	Assignable Device Capacity - Raw (GB)	capacity	Total capacity of this logical device (non-meta, meta head, or meta member) that can be made available to hosts including any defined protection capacity. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableRaw
SD_SIZE_RAW	Array Device Capacity - Raw (GB)	capacity	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Includes any defined protection capacity for the device.	ArrayDevRaw
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	UserDefinedCapacityTotal
SD_USERCAPACITY_RAW	User-defined Device Capacity - Raw (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of Assignable Device Capacity - Raw. For all other array device types, same as Assignable Device Capacity - Raw.	UserDefinedCapacityRaw

Table 36 STS_DEVICE_ALLOCATION (5 of 5)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RESERVED	Reserved?	varchar	Indicates if this device is reserved for use by any application	IsReserved
RESERVED_BY_TASKLIST_TASKNAME	Reserved By/Task List/Task Name	varchar	Comma-separated list of applications (and associated Task List and Task names) that reserved the device	ReservedByTaskListTaskName
RESERVED_SINCE	Reserved Since	date	Date on which device was first reserved	ReservedSince
RG_ID	RAID Group ID	id	Internal ControlCenter Repository identifier for the RAID group	RaidGroupKey
RG_NAME	RAID Group Name	varchar	Name of the RAID group	RaidGroupName
ARRAYDEVCUSTOMFIELD1	Array Devices Custom Field 1	varchar	Array Devices Custom Field 1	UDF1
ARRAYDEVCUSTOMFIELD2	Array Devices Custom Field 2	varchar	Array Devices Custom Field 2	UDF2
ARRAYDEVCUSTOMFIELD3	Array Devices Custom Field 3	varchar	Array Devices Custom Field 3	UDF3
ARRAYDEVCUSTOMFIELD4	Array Devices Custom Field 4	varchar	Array Devices Custom Field 4	UDF4
ARRAYDEVCUSTOMFIELD5	Array Devices Custom Field 5	varchar	Array Devices Custom Field 5	UDF5
ARRAYDEVCUSTOMFIELD6	Array Devices Custom Field 6	varchar	Array Devices Custom Field 6	UDF6
ARRAYDEVCUSTOMFIELD7	Array Devices Custom Field 7	varchar	Array Devices Custom Field 7	UDF7
ARRAYDEVCUSTOMFIELD8	Array Devices Custom Field 8	varchar	Array Devices Custom Field 8	UDF8
ARRAYDEVCUSTOMFIELD9	Array Devices Custom Field 9	varchar	Array Devices Custom Field 9	UDF9
ARRAYDEVCUSTOMFIELD10	Array Devices Custom Field 10	varchar	Array Devices Custom Field 10	UDF10

STS_DEVICE_TO_DISK

This view shows the relationship between logical devices and physical disks. The view contains one row for each unique logical device to physical disk mapping.

**Related
StorageScope
Repository tables**

[“SRMDevToDisk” on page 283](#)

Table 37 STS_DEVICE_TO_DISK (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	number(38)	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_TYPE	Array Type	varchar2(64)	Type of array	ArrayType
ST_SN	Array S/N	varchar2(64)	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar2(128)	User-defined or system-assigned name for the array	ArrayAlias
SD_ID	Array Device ID	number(38)	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar2(255)	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar2(255)	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar2(255)	Array device type	ArrayDeviceType
SD_TOTAL	Assignable Device Capacity (GB)	float(126)	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	ArrayDevAssignableTotal

Table 37 STS_DEVICE_TO_DISK (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_SIZE	Array Device Capacity - Usable (GB)	float(126)	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Does not include any defined protection capacity for the device.	ArrayDevTotal
SD_SIZE_RAW	Array Device Capacity - Raw (GB)	float(126)	Capacity on the device available for use by the array. For Symmetrix meta devices, the capacity of each individual meta head and meta member is reported. For CLARiiON metaLUNs, the meta head device is virtual and its capacity is always zero (0), while the actual capacity of each meta member is reported. Includes any defined protection capacity for the device.	ArrayDevRaw
DISK_ID	Disk ID	number(38)	Internal ControlCenter Repository identifier for the array storage group	DiskID
DISK_NAME	Disk Name	varchar2(20)	Name of the disk	DiskName
DISK_SN	Disk S/N	varchar2(32)	Serial number of the disk	DiskSerialNumber
DISK_SIZE	Disk Capacity (GB)	number(38)	Total capacity of the formatted physical disk	DiskSize
DISK_REVISION	Disk Revision	varchar2(32)	Disk revision	DiskRevision

STS_DEVSDISKS_BYGROUP

This view provides a list of each storage device that is a member of at least one user-defined group. The array disk(s) on which the device resides is identified. The view contains one row for each unique group/device combination.

Related StorageScope Repository tables

None

Table 38 STS_DEVSDISKS_BYGROUP

Column Name	Label	Datatype	Description
MO_GROUP_ID	Group ID	number(38)	Internal ControlCenter Repository identifier for group
MO_GROUP_NAME	Group Name	varchar2(128)	Name of group
MO_GROUP_PARENT_ID	Parent Group ID	number(38)	Internal ControlCenter Repository identifier for a parent group
MO_GROUP_PARENT_NAME	Parent Group Name	varchar2(4000)	Parent group name
MO_ID	Object ID	number	Internal ControlCenter Repository identifier for the object
MO_TYPE	Object Type	varchar2(64)	Type of object
MO_NAME	Object Name	varchar2(128)	System-assigned name of the object
MO_ALIAS	Object	varchar2(128)	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_ID	Container Object ID	number	Internal ControlCenter Repository identifier for the container object
CONTAINER_TYPE	Container Object Type	varchar2(64)	Type of the container object
CONTAINER_NAME	Container Object Name	varchar2(255)	System-assigned name for the container object
CONTAINER_ALIAS	Container Object	varchar2(255)	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_VENDOR	Container Object Vendor	varchar2(64)	Vendor of the container object

STS_DEVSDISKS_INMULTGROUP

This view provides a list of each storage device that is a member of more than one user-defined group. The array disk(s) on which the device resides is identified. The view contains one row for each unique group/device combination.

**Related
StorageScope
Repository tables**

None

Table 39 STS_DEVSDISKS_INMULTGROUP

Column Name	Label	Datatype	Description
MO_GROUP_ID	Group ID	number(38)	Internal ControlCenter Repository identifier for group
MO_GROUP_NAME	Group Name	varchar2(128)	Name of group
MO_GROUP_PARENT_ID	Parent Group ID	number(38)	Internal ControlCenter Repository identifier for a parent group
MO_GROUP_PARENT_NAME	Parent Group Name	varchar2(4000)	Parent group name
MO_ID	Object ID	number	Internal ControlCenter Repository identifier for the object
MO_TYPE	Object Type	varchar2(64)	Type of object
MO_NAME	Object Name	varchar2(128)	System-assigned name of the object
MO_ALIAS	Object	varchar2(128)	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_ID	Container Object ID	number	Internal ControlCenter Repository identifier for the container object
CONTAINER_TYPE	Container Object Type	varchar2(64)	Type of the container object
CONTAINER_NAME	Container Object Name	varchar2(255)	System-assigned name for the container object
CONTAINER_ALIAS	Container Object	varchar2(255)	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_VENDOR	Container Object Vendor	varchar2(64)	Vendor of the container object

STS_DEVSDISKS_NOTINGROUP

This view provides a list of each storage device that is not a member of any user-defined group. The array disk(s) on which the device resides is identified. The view contains one row for each unique device/disk combination.

**Related
StorageScope
Repository tables**

None

Table 40 STS_DEVSDISKS_NOTINGROUP

Column Name	Label	Datatype	Description
MO_ID	Object ID	number(38)	Internal ControlCenter Repository identifier for the object
MO_TYPE	Object Type	varchar2(64)	Type of object
MO_NAME	Object Name	varchar2(128)	System-assigned name of the object
MO_ALIAS	Object	varchar2(128)	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_ID	Container Object ID	number(38)	Internal ControlCenter Repository identifier for the container object
CONTAINER_NAME	Container Object Name	varchar2(64)	System-assigned name for the container object
CONTAINER_TYPE	Container Object Type	varchar2(255)	Type of the container object
CONTAINER_ALIAS	Container Object	varchar2(255)	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.
CONTAINER_VENDOR	Container Object Vendor	varchar2(64)	Vendor of the container object

STS_ECCCOMMANDHISTORY

This view provides details about active commands run on any of actively managed object. The records list all commands executed in the past 30 days. Records are ordered by the date and time the command was issued.

Related
StorageScope
Repository tables

None

Table 41 STS_ECCCOMMANDHISTORY

Column Name	Label	Datatype	Description
OBJNAME	Object Name	varchar2(128)	Name of the target object
ORIGINATORNAME	Originator	varchar2(128)	Originator of the command
OBJECTTYPE	Object Type	varchar2(256)	Type of the target object
DESCRIPTION	Description	varchar2(256)	Command Description
STARTDATE	Start Date	date	Date and time command was issued
ENDDATE	End Date	date	Date and time command was completed
STATUS	Status	varchar2(23)	Job status

STS_ESXSERVER_TO_VMGUEST

This view shows the relationship between each virtual machine (VM) and the ESX Server on which it resides. The view contains one row per unique VM/ESX Server combination.

**Related
StorageScope
Repository tables**

[“SRMESXServerToGuest” on page 483](#)

Table 42 STS_ESXSERVER_TO_VMGUEST

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ESXSERVER_ID	ESX Server ID	number	Internal ControlCenter Repository identifier for the ESX Server	ESXServerKey
ESXSERVER_NAME	ESX Server Name	varchar2(128)	User-defined name (alias) or system-assigned name of the host	HostAlias
VMGUEST_ID	Virtual Machine ID	number	Internal ControlCenter Repository identifier for the virtual machine	VMGuestKey
VMGUEST_NAME	Virtual Machine Name	varchar2(128)	Name of the virtual machine	None

STS_GROUP

This view contains a list of user-defined groups and their attributes. The view contains one row per user-defined group.

Related
StorageScope
Repository tables

[“SRMGroup” on page 324](#)

Table 43 STS_GROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GROUP_ID	ID	number(38)	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupID
GROUP_NAME	Group Name	varchar2(128)	Name of the group	GroupName
GROUP_PARENT_ID	Parent Group ID	number(38)	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GROUP_PARENT_NAME	Parent Group Name	varchar2(128)	Name of the parent group	None
IS_TOP	Top Group?	varchar	Indicates whether or not the group is a top-level group. A top-level group is a group whose parent is the root All Groups group.	IsTop

Table 43 STS_GROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
IS_BOTTOM	Bottom Group?	varchar	Indicates whether or not this is a group without subgroups. Y means that this group has no subgroups. A group can be a top-level group (its parent is the root All Groups) and a bottom group (no subgroups) at the same time.	IsBottom
LEVELS_BELOW_ROOT	Group Depth	number	Indicates the position of the group relative to the root All Groups group. The All Groups group is at group level negative one (-1). A top-level group (a group whose parent is All Groups) has a group level of zero (0).	LevelsBelowRoot
GROUP_PATH	Group Path	varchar2(4000)	Path to the group	GroupPath

STS_GROUPMO

This view contains a list of user-defined groups and their members (managed objects). The view contains one row for each unique combination of group and group member.

**Related
StorageScope
Repository tables**

[“SRMGroupMO” on page 326](#)

Table 44 STS_GROUPMO

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GROUP_ID	Group ID	number(38)	Internal ControlCenter Repository identifier for conatiner group	None
GROUP_NAME	Group Name	varchar2(128)	Name of group	None
ST_ID	Array ID	number(38)	Internal StorageScope database identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar2(255)	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar2(512)	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar2(64)	Type of array	ArrayType
IS_LEAF	Group Leaf?	number(38)	Used in conjunction with a group identifier. Indicates whether the object is a member (leaf) of the specific group. One (1) means the object is a leaf of the group, and zero (0) means it is not.	IsLeaf
GRP_PARENTPATH	Group Parent Path	varchar2(4000)	Parent group path	None

STS_HOST

This view contains basic configuration information and capacity details for each host (regular, ESX Server, or virtual machine) found in the ControlCenter Repository. The view contains one row per host.

Related StorageScope Repository tables

- ◆ [“SRMHost” on page 360](#)
- ◆ [“SRMHostMetrics” on page 363](#)

Table 45 **STS_HOST (1 of 10)**

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host ID	number(38)	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar2(255)	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar2(255)	User-defined or system-assigned host name	HostAlias
HOST_DOMAIN	Host Domain	varchar2(255)	Host domain	HostDomain
HOST_MODEL	Host Model	varchar2(128)	Host model	HostModel
HOST_IP	Primary IP Address	varchar2(15)	Primary IP address of the host	HostIP
HOST_VENDORNAME	Operating System Vendor	varchar2(64)	Host operating system vendor	HostVendorName
HOST_CPUCOUNT	# Host CPUs	number(38)	Number of host CPUs	HostCPUCount
HOST_INSTALLEDMEMORY	Installed Memory (MB)	number(38)	Amount of installed memory	HostInstalledMemory
HOST_OS	Operating System	varchar2(64)	Host operating system	HostOS
HOST_OSVERSION	Operating System Version	varchar2(64)	Host operating system version	HostOSVersion
HOST_OSRELEASE	Operating System Release	varchar2(64)	Host operating system release	HostOSRelease
HOST_OSLEVEL	Operating System Level	varchar2(64)	Host operating system level	HostOSLevel
HOST_OSCLASS	Operating System Type	varchar2(20)	Host operating system type	HostOSClass

Table 45 STS_HOST (2 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_POWERPATH_VERSION	PowerPath Version	varchar2(255)	Version of the PowerPath software	PowerPathVersion
HOST_LASTDISCOVERYTIME	Last Discovered On (GMT)	date	Time when host was last discovered	LastDiscoveryTime
HOST_GMTOFFSET	GMT Offset	integer	GMT offset	GMTOffset
HOST_AGE	Days Since Last Discovered	number(38)	Number of days since the host was last discovered	HostAge
HOST_USED	Host - Accessible - Used (GB)	number	Array capacity accessible to this host or the hosts in the group that is assigned to host file systems or databases	None (See “Custom SQL Queries” on page 695.)
HOST_ARRAY_USED		number		None
FS_TOTAL	File System - Total (GB)	number	Total capacity occupied by file systems. Does not include deleted or unmounted file systems.	FSTotal
FS_TOTAL_ARRAY	File System - Array - Total (GB)	number	Total capacity of file systems that are mounted on host devices mapped to array devices	FSTotalOnArray
FS_TOTAL_JBOD	File System - Int/JBOD - Total (GB)	number	Total capacity of host file systems mounted on internal disks/JBOD only	None (See “Custom SQL Queries” on page 695.)
FS_TOTAL_BOTH	File System - Array & Int/JBOD - Total (GB)	number	Total capacity of the file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices	None (See “Custom SQL Queries” on page 695.)
FS_FREE	File System - Free (GB)	number	Available file system capacity. Does not include deleted or unmounted file systems.	None
FS_USED	File System - Used (GB)	number	Used file system capacity. Does not include deleted or unmounted file systems.	FSUsed
FS_USED_ARRAY	File System - Array - Used (GB)	number	Of the total capacity of file systems that are mounted on host devices mapped to array devices, the amount used	FSUsedOnArray

Table 45 STS_HOST (3 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_USED_JBOD	File System - Int/JBOD - Used (GB)	number	Of the total capacity of file systems that are mounted on internal disks/JBOD only, the amount used	None(Custom SQL Queries on page 695.)
FS_USED_BOTH	File System - Array & Int/JBOD - Used (GB)	number	Of the total capacity of file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices, the amount used	None
VG_TOTAL	Volume Group - Total (GB)	number	Total capacity of volume groups on the host or the hosts in the group	VGTotal
VG_TOTAL_ARRAY	Volume Group - Array - Total (GB)	number	Total volume group capacity that resides on arrays. Includes capacity that resides exclusively on arrays and the array portion of capacity that resides on both arrays and internal disks/JBOD.	VGTotalOnArray
VG_TOTAL_JBOD	Volume Group - Int/JBOD - Total (GB)	number	Total volume group capacity that resides on internal disks/JBOD. Includes capacity that resides exclusively on internal disks/JBOD and the internal disk/JBOD portion of capacity that resides on both arrays and internal disks/JBOD.	VGTotalOnInternal
VG_TOTAL_BOTH	Volume Group - Array & Int/JBOD - Total (GB)	number	Capacity of volume groups residing partially on arrays and partially on internal disks or JBOD	VGTotalOnArrayAndInternal
VG_FREE	Volume Group - Free (GB)	number	Available volume group capacity	VGFree
VG_USED	Volume Group - Used (GB)	number	Of the total capacity of all host volume groups, the amount used	VGUsed
VG_USED_ARRAY	Volume Group - Array - Used (GB)	number	Of the volume group capacity that resides on arrays, the amount used	VGUsedOnArray
VG_USED_JBOD	Volume Group - Int/JBOD - Used (GB)	number	Of the volume group capacity that resides on internal disks/JBOD, the amount used	None (See Custom SQL Queries on page 695.)

Table 45 STS_HOST (4 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_USED_BOTH	Volume Group - Array & Int/JBOD - Used (GB)	number	Of the volume group capacity that resides on both array devices and on internal disks/JBOD, the amount used	None (See "Custom SQL Queries" on page 695.)
LVOL_TOTAL	Logical Volume - Total (GB)	number	Total capacity available to this logical volume	LVTotal
LVOL_TOTAL_ARRAY	Logical Volume - Array - Total (GB)	number	Total capacity of logical volumes created on host devices that are mapped to array devices	LVTotalOnArray
LVOL_TOTAL_JBOD	Logical Volume - Int/JBOD - Total (GB)	number	Total capacity of logical volumes created on internal disk/JBOD only	None (See "Custom SQL Queries" on page 695.)
LVOL_TOTAL_BOTH	Logical Volume - Array & Int/JBOD - Total (GB)	number	Total capacity of logical volumes created on both internal disks/JBOD and on host devices that are mapped to array devices	None (See "Custom SQL Queries" on page 695.)
LVOL_FREE	Logical Volume - Free (GB)	number	Capacity on this logical volume that is available for use	LVFree
LVOL_USED	Logical Volume - Used (GB)	number	Capacity allocated to this logical volume	LVUsed
LVOL_USED_ARRAY	Logical Volume - Array - Used (GB)	number	Of the total capacity of logical volumes created on host devices that are mapped to array devices, the amount used	LVUsedOnArray
LVOL_USED_JBOD	Logical Volume - Int/JBOD - Used (GB)	number	Of the total capacity of logical volumes created on internal disks/JBOD only, the amount used	None (See "Custom SQL Queries" on page 695.)
LVOL_USED_BOTH	Logical Volume - Array & Int/JBOD - Used (GB)	number	Of the total capacity of logical volumes created on both internal disks/JBOD and on host devices that are mapped to array devices, the amount used	None (See "Custom SQL Queries" on page 695.)
DB_TOTAL	Database - Total (GB)	number	Total capacity (on raw partitions and in file systems) allocated to this database	DBTotal

Table 45 STS_HOST (5 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DB_TOTAL_ARRAY	Database - Array - Total (GB)	number	Total database capacity that resides on arrays only	DBTotalOnArray
DB_TOTAL_JBOD	Database - Int/JBOD - Total (GB)	number	Total database capacity that resides on internal disks/JBOD only	None
DB_TOTAL_BOTH	Database - Array & Int/JBOD - Total (GB)	number	Total database capacity that resides on both arrays and on internal disks/JBOD	None
DB_FREE	Database - Free (GB)	number	Of the total capacity allocated to this database, the amount available for data files, log files, and database overhead	None
DB_USED	Database - Used (GB)	number	Of the total capacity allocated to this database, the amount used by data files, log files, and database overhead	DBUsed
DB_USED_ARRAY	Database - Array - Used (GB)	number	Of the total database capacity that resides on arrays only, the amount used	DBUsedOnArray
DB_USED_JBOD	Database - Int/JBOD - Used (GB)	number	Of the total database capacity that resides on internal disks/JBOD only, the amount used	None
DB_USED_BOTH	Database - Array & Int/JBOD - Used (GB)	number	Of the total database capacity that resides on both arrays and on internal disks/JBOD, the amount used	None
RAWDB_TOTAL	DB on Raw Devices (GB)	float(126)	Total amount of array raw device capacity allocated to host databases	RawDBTotal
RAWDB_USED	Used DB on Raw Devices (GB)	float(126)	Total amount of database capacity on array raw devices consumed by data files, log files, and database overhead	RawDBUsed
RAWDB_FREE	Free DB on Raw Devices (GB)	float(126)	Available amount of database capacity on array raw devices	RawDBFree
EXCHANGE_COUNT	Not supported			

Table 45 STS_HOST (6 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
EXCHANGE_TOTAL	Not supported			
HOST_HDCOUNT	# Host Devices	number	Number of host devices. Includes internal disks and accessible array devices.	HostDevCount
HOST_ADCOUNT	# Accessible Devices	number	Number of array devices accessible to the host	AccDevCount
HOST_ALLDCOUNT	# Allocated Devices	number	Number of array devices allocated to the host	AllocDevCount
HOST_PPDEVCOUNT	PowerPath - # Devices	number	Number of PowerPath devices	PowerPathDevCount
HOST_PPPHYPATHCOUNT	PowerPath - # Physical Paths	number	Number of physical PowerPath paths from the host or group of hosts to storage devices	PowerPathPhyPathCount
HOST_FSCOUNT	# File Systems	number	Number of local file systems on host(s)	FSCount
HOST_DBCOUNT	# Databases	number	Number of databases on host(s)	DBCCount
HOST_VGCOUNT	# Volume Groups	number	Number of volume groups on host(s)	VGCount
HOST_LVCOUNT	# Logical Volumes	number	Number of logical volumes on host(s)	LVCCount
HOST_INTDISK_TOTAL	Internal/JBOD - Total (GB)	number	Total capacity of internal disks and JBOD in this host or the hosts in the group	HostInternalTotal
HOST_ARRAY_TOTAL	Host - Allocated - Usable (GB)	number	Total usable array capacity designated for use by this host or the hosts in the group	HostArrayAllocTotal
HOST_ARRAY_REPLOCAL_TOTAL	Local Replica - Allocated - Usable (GB)	number	Capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayLocalRepTotal

Table 45 STS_HOST (7 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_REPREMOTE_TOTAL	Remote Replica - Allocated - Usable (GB)	number	Capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteRepTotal
HOST_ARRAY_REP_TOTAL	Replica - Allocated - Usable (GB)	number	Capacity of local and remote replicas associated with primary device capacity allocated to this host or the hosts in the group	None (See "Custom SQL Queries" on page 695.)
HOST_ARRAY_ALLOCATED_PRIMARY	Primary - Allocated - Usable (GB)	number	Capacity on primary devices minus capacity defined by the protection level (mirrors or parity RAID) for the devices that is designated for use by this host or the hosts in the group	HostArrayPrimaryAllocTotal
HOST_ARRAY_ACCESSIBLE	Host - Accessible - Usable (GB)	number	Array device capacity on which this host or the hosts in the group can perform I/O operations	HostArrayAccessible
HOST_TOTAL_STORAGE_ACCESSIBLE	Host - Accessible - Total (GB)	float(126)	Total capacity on arrays and internal disks/JBOD that is accessible to this host or the hosts in the group	None (See "Custom SQL Queries" on page 695.)
HOST_ARRAY_TOTAL_RAW	Host - Allocated - Raw (GB)	float(126)	Total raw capacity (usable plus protection capacity) designated for use by this host or the hosts in the group	HostArrayAllocRaw
HOST_ARRAY_REPLOCAL_TOTAL_RAW	Local Replica - Allocated - Raw (GB)	float(126)	Raw capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	None

Table 45 STS_HOST (8 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_REPREMOTE_TOTAL_RAW	Remote Replica - Allocated - Raw (GB)	float(126)	Raw capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteRepRaw
HOST_ARRAY_REP_TOTAL_RAW	Replica - Allocated - Raw (GB)	float(126)	Raw capacity (usable plus protection capacity) of local and remote replicas allocated to this host or the hosts in the group	HostArrayReplicaRaw
HOST_ARRAY_ALLOCATED_PRIMARY_RAW	Primary - Allocated - Raw (GB)	float(126)	Capacity on primary logical devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices that is allocated to the host or hosts in the group	HostArrayPrimaryAllocRaw
HOST_ARRAY_ACCESSIBLE_RAW	Host - Accessible - Raw (GB)	float(126)	Array device capacity on which this host or the hosts in the group can perform I/O operations plus any protection capacity defined for those array devices	HostArrayAccessibleRaw
VMGUEST_COUNT	# Virtual Machines	number	Number of virtual machines. Applicable to ESX Servers only.	VMGuestCount
VMFS_COUNT	# VMFS	number	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	VMFSCount
VMFS_TOTAL	VMFS Capacity (GB)	number	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	VMFSTotal
VMFS_USED	Used VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	VMFSUsed
VMFS_FREE	Free VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	VMFSFree

Table 45 STS_HOST (9 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
RDM_RAW_COUNT	# Raw Disk/RDM	number	Total number of raw disks and raw disk mapping (RDM) files	RDMRawCount
RDM_RAW_TOTAL	Raw Disk/RDM (GB)	number	Total raw disk and RDM capacity available to ESX Servers	RDMRawTotal
NETWORKFS_FILE_TOTAL	Network File System (GB)	number	Capacity of VMFS file systems on remote systems	NetworkFSFileTotal
SNAPSHOT_TOTAL	VM Snapshot (GB)		Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	SnapshotTotal
VMFSFILE_TOTAL	VMDK Capacity (GB)	float	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	VMFSFileTotal
VMFSFILE_ARRAY_TOTAL	VMDK on Arrays (GB)	float	Capacity of VMDK files residing on arrays	VMFSFileArrayTotal
IS_CLUSTERED	Clustered?	varchar2(3)	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered
HOST_TYPE	Host Type	varchar2(16)	Type of host. Types include Host, ESX Server, Host Cluster, and Virtual Machine.	HostType
GRP_LIST	Group List	varchar2(4000)	Group list	None
HOSTCUSTOMFIELD1	Hosts Custom Field 1	varchar2(64)	Hosts Custom Field 1	UDF1
HOSTCUSTOMFIELD2	Hosts Custom Field 2	varchar2(64)	Hosts Custom Field 2	UDF2
HOSTCUSTOMFIELD3	Hosts Custom Field 3	varchar2(64)	Hosts Custom Field 3	UDF3
HOSTCUSTOMFIELD4	Hosts Custom Field 4	varchar2(64)	Hosts Custom Field 4	UDF4
HOSTCUSTOMFIELD5	Hosts Custom Field 5	varchar2(64)	Hosts Custom Field 5	UDF5
HOSTCUSTOMFIELD6	Hosts Custom Field 6	varchar2(64)	Hosts Custom Field 6	UDF6
HOSTCUSTOMFIELD7	Hosts Custom Field 7	varchar2(64)	Hosts Custom Field 7	UDF7

Table 45 STS_HOST (10 of 10)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOSTCUSTOMFIELD8	Hosts Custom Field 8	varchar2(64)	Hosts Custom Field 8	UDF8
HOSTCUSTOMFIELD9	Hosts Custom Field 9	varchar2(64)	Hosts Custom Field 9	UDF9
HOSTCUSTOMFIELD10	Hosts Custom Field 10	varchar2(64)	Hosts Custom Field 10	UDF10

STS_HOSTOBJECTS_BY_GROUP

This view provides service-related capacity information for user-defined groups of storage consumers and assets including hosts, file systems, databases, logical volumes, volume groups, and host devices.

**Related
StorageScope
Repository tables**

[“SRMChargeBackMetrics” on page 389](#)

Table 46 STS_HOSTOBJECTS_BY_GROUP (1 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_HOSTCOUNT	# Hosts	numeric	Number of hosts in group and subgroups	HostCount
HOST_ARRAY_ACCESSIBLE	Host - Accessible - Usable (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations	HostArrayAccessible
HOST_TOTAL_STORAGE_ACCESSIBLE	Host - Accessible - Total (GB)	capacity	Total capacity on arrays and internal disks/JBOD that is accessible to this host or the hosts in the group	None (See “Custom SQL Queries” on page 695.)
HOST_INTDISK_TOTAL	Internal/JBOD - Total (GB)	capacity	Total capacity of internal disks and JBOD in this host or the hosts in the group	HostInternalTotal

Table 46 STS_HOSTOBJECTS_BY_GROUP (2 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_REPLOCAL_ALL OC	Local Replica - Allocated - Usable (GB)	capacity	Capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayLocalRepTotal
HOST_ARRAY_REPREMOTE_A LLOC	Remote Replica - Allocated - Usable (GB)	capacity	Capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteRepTotal
HOST_ARRAY_REP_ALLOC	Replica - Allocated - Usable (GB)	capacity	Capacity of local and remote replicas associated with primary device capacity allocated to this host or the hosts in the group	None (See “Custom SQL Queries” on page 695.)
HOST_ARRAY_ALLOCATED	Host - Allocated - Usable (GB)	capacity	Configured array storage designated for use by this host or the hosts in the group	HostArrayAllocTotal
HOST_RAW_DB_TOTAL	Database - Raw (GB)	capacity	Total raw database capacity	RawDBTotal
HOST_RAW_DB_USED	Database - Raw - Used (GB)	capacity	Used raw database capacity	None
HOST_RAW_DB_FREE	Database - Raw - Free (GB)	capacity	Free raw database capacity	None
HOST_USED	Host - Accessible - Used (GB)	capacity	Array capacity accessible to this host or the hosts in the group that is assigned to host file systems or databases	None (See “Custom SQL Queries” on page 695.)
HOST_ARRAY_USED		number		None
GRP_FSCOUNT	# File Systems	numeric	Number of local file systems on host(s)	FSCount
GRP_FS_TOTAL	File System - Total (GB)	capacity	Total capacity occupied by file systems on the host(s)	FSTotal

Table 46 STS_HOSTOBJECTS_BY_GROUP (3 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_FS_TOTAL_JBOD	File System - Int/JBOD - Total (GB)	capacity	Total capacity of host file systems that are mounted on internal disks/JBOD only	None
GRP_FS_TOTAL_ARRAY	File System - Array - Total (GB)	capacity	Total capacity of host file systems that are mounted on host devices mapped to array devices	FSTotalOnArray
GRP_FS_TOTAL_BOTH	File System - Array & Int/JBOD - Total (GB)	capacity	Total capacity of host file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices	None
GRP_FS_USED	File System - Used (GB)	capacity	Used file system capacity on the host(s)	FSUsed
GRP_FS_USED_JBOD	File System - Int/JBOD - Used (GB)	capacity	Of the total capacity of file systems that are mounted on internal disks/JBOD only, the amount used	None
GRP_FS_USED_ARRAY	File System - Array - Used (GB)	capacity	Of the total capacity of file systems that are mounted on host devices mapped to array devices, the amount used	FSUsedOnArray
GRP_FS_USED_BOTH	File System - Array & Int/JBOD - Used (GB)	capacity	Of the total capacity of file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices, the amount used	None
GRP_FS_FREE	File System - Free (GB)	capacity	Available file system capacity. Does not include deleted or unmounted file systems.	None
GRP_DBCOUNT	# Databases	numeric	Number of databases on host(s)	DBCount
GRP_DB_TOTAL	Database - Total (GB)	capacity	Total capacity (on raw partitions and in file systems) allocated to databases	DBTotal
GRP_DB_TOTAL_JBOD	Database - Int/JBOD - Total (GB)	capacity	Total database capacity that resides on internal disks/JBOD only	None
GRP_DB_TOTAL_ARRAY	Database - Array - Total (GB)	capacity	Total database capacity that resides on arrays only	DBTotalOnArray

Table 46 STS_HOSTOBJECTS_BY_GROUP (4 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_DB_TOTAL_BOTH	Database - Array & Int/JBOD - Total (GB)	capacity	Total database capacity that resides on both internal disks/JBOD and on arrays	None
GRP_DB_USED	Database - Used (GB)	capacity	Database capacity used by records and database overhead	DBUsed
GRP_DB_USED_JBOD	Database - Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on internal disks/JBOD only, the amount used	None
GRP_DB_USED_ARRAY	Database - Array - Used (GB)	capacity	Of the total database capacity that resides on arrays only, the amount used	DBUsedOnArray
GRP_DB_USED_BOTH	Database - Array & Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on both internal disks/JBOD and on arrays, the amount used	None
GRP_DB_FREE	Database - Free (GB)	capacity	Available database capacity	None
GRP_LVCOUNT	# Logical Volumes	numeric	Number of logical volumes	LVCount
GRP_VGCOUNT	# Volume Groups	numeric	Number of volume groups on the host(s)	VGCount
GRP_LV_TOTAL	Logical Volume - Total (GB)	capacity	Total capacity of logical volumes on the host(s)	LVTotal
GRP_LV_TOTAL_JBOD	Logical Volume - Int/JBOD - Total (GB)	capacity	Total capacity of logical volumes created on internal disks/JBOD only	None
GRP_LV_TOTAL_ARRAY	Logical Volume - Array - Total (GB)	capacity	Total capacity of logical volumes created on host devices mapped to array devices	LVTotalOnArray
GRP_LV_TOTAL_BOTH	Logical Volume - Array & Int/JBOD - Total (GB)	capacity	Total capacity of logical volumes created on both internal disks/JBOD and on host devices mapped to array devices	None
GRP_LV_USED	Logical Volume - Used (GB)	capacity	Used capacity of logical volumes on the host(s)	LVUsed

Table 46 STS_HOSTOBJECTS_BY_GROUP (5 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_LV_USED_JBOD	Logical Volume - Int/JBOD - Used (GB)	capacity	Of the total capacity of logical volumes created on internal disks/JBOD only, the amount used	None
GRP_LV_USED_ARRAY	Logical Volume - Array - Used (GB)	capacity	Of the total capacity of logical volumes created on host devices mapped to array devices, the amount used	LVUsedOnArray
GRP_LV_USED_BOTH	Logical Volume - Array & Int/JBOD - Used (GB)	capacity	Of the total capacity of logical volumes created on both internal disks/JBOD and on host devices mapped to array devices, the amount used	None
GRP_LV_FREE	Logical Volume - Free (GB)	capacity	Available logical volume capacity on the host(s)	None
GRP_VG_TOTAL	Volume Group - Total (GB)	capacity	Total capacity of volume groups on the host or the hosts in the group	VGTotal
GRP_VG_TOTAL_JBOD	Volume Group - Int/JBOD - Total (GB)	capacity	Total volume group capacity that resides on internal disks/JBOD. This includes volume group capacity that resides exclusively on internal disks/JBOD and the internal disk/JBOD portion of capacity that resides on both arrays and on internal disks/JBOD.	VGTotalOnInternal
GRP_VG_TOTAL_ARRAY	Volume Group - Array - Total (GB)	capacity	Total volume group capacity that resides on arrays. This includes capacity that resides exclusively on arrays and the array portion of volume group capacity that resides on both arrays and on internal disks/JBOD.	VGTotalOnArray
GRP_VG_TOTAL_BOTH	Volume Group - Array & Int/JBOD - Total (GB)	capacity	Total capacity of volume groups that reside on both internal disks/JBOD and on arrays,	None
GRP_VG_USED	Volume Group - Used (GB)	capacity	Of the total capacity of all host volume groups, the amount used	VGUsed

Table 46 STS_HOSTOBJECTS_BY_GROUP (6 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_VG_USED_JBOD	Volume Group - Int/JBOD - Used (GB)	capacity	Of the total capacity of volume groups that reside on internal disks/JBOD, the amount used	None
GRP_VG_USED_ARRAY	Volume Group - Array - Used (GB)	capacity	Of the total capacity of volume groups that reside on arrays, the amount used	VGUsedOnArray
GRP_VG_USED_BOTH	Volume Group - Array & Int/JBOD - Used (GB)	capacity	Of the total capacity of volume groups that reside on both internal disks/JBOD and on arrays, the amount used	None
GRP_VG_FREE	LVolume Group - Free (GB)	capacity	Available volume group capacity	None
GRP_EXCHANGE_COUNT	Not supported			
GRP_EXCHANGE_TOTAL	Not supported			
GRP_HDCOUNT	# Host Devices	numeric	Number of host devices. Includes internal disks, accessible array devices, and PowerPath devices.	None
GRP_ADCOUNT	# Accessible Devices	numeric	Number of accessible devices	None
GRP_ALLDOUNT	# Allocated Devices	numeric	Number of allocated devices	None
GRP_ARRAY_ACCESSIBLE_TOTAL	Host - Accessible - Usable (GB)	capacity	Total array capacity on which this host or the hosts in the group can perform I/O operations	GroupArrayAccTotal
GRP_HOST_INTDISK_TOTAL	Internal/JBOD - Total (GB)	capacity	Total capacity of internal disks and JBOD in this host or the hosts in the group	GroupHostInternalTotal
GRP_TOTAL_STORAGE_ACCESSIBLE	Host - Accessible - Total (GB)	capacity	Total capacity on arrays and internal disks/JBOD that is accessible to this host or the hosts in the group	None (See “Custom SQL Queries” on page 695.)
HOST_ARRAY_ALLOCATED_PRIMARY	Primary - Allocated - Usable (GB)	capacity	Capacity on primary devices minus capacity defined by the protection level (mirrors or parity RAID) for the devices that is designated for use by this host or the hosts in the group	HostArrayPrimaryAllocTotal

Table 46 STS_HOSTOBJECTS_BY_GROUP (7 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_ALLOCATED_PRI_RAW	Primary - Allocated - Raw (GB)	capacity	Capacity on primary logical devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices that is allocated to the host or hosts in the group	HostArrayPrimaryAllocRaw
HOST_ARRAY_ACCESSIBLE_RAW	Host - Accessible - Raw (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations plus any protection capacity defined for those array devices	HostArrayAccessibleRaw
HOST_ARRAY_RELOCAL_ALL_OC_RAW	Local Replica - Allocated - Raw (GB)	capacity	Raw capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayLocalAllocRaw
HOST_ARRAY_REREMOTE_ALLOC_RAW	Remote Replica - Allocated - Raw (GB)	capacity	Raw capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteAllocRaw
HOST_ARRAY_REP_ALLOC_RAW	Replica - Allocated - Raw (GB)	capacity	Raw capacity (usable plus protection capacity) of local and remote replicas allocated to this host or the hosts in the group	HostArrayReplicaRaw
HOST_ARRAY_ALLOCATED_RAW	Host - Allocated - Raw (GB)	capacity	Total raw array capacity that is designated for use by this host or the hosts in the group	None
GRP_ARRAY_ACCESSIBLE_TOTAL_RAW	Host - Accessible - Raw (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations plus any protection capacity defined for those array devices	GroupAccessibleTotalRaw
VMGUEST_COUNT	# Virtual Machines	number	Number of virtual machines. Applicable to ESX Servers only.	VMGuestCount

Table 46 STS_HOSTOBJECTS_BY_GROUP (8 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VMFS_COUNT	# VMFS	number	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	VMFSCount
VMFS_TOTAL	VMFS Capacity (GB)	number	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	VMFSTotal
VMFS_USED	Used VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	VMFSUsed
VMFS_FREE	Free VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	VMFSFree
RDM_RAW_COUNT	# Raw Disk/RDM	number	Total number of raw disks and raw disk mapping (RDM) files	RDMRawCount
RDM_RAW_TOTAL	Raw Disk/RDM (GB)	number	Total raw disk and RDM capacity available to ESX Servers	RDMRawTotal
NETWORKFS_FILE_TOTAL	Network File System (GB)	number	Capacity of VMFS file systems on remote systems	NetworkFSFileTotal
SNAPSHOT_TOTAL	VM Snapshot (GB)		Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	SnapshotTotal
VMFSFILE_TOTAL	VMDK Capacity (GB)	float	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	VMFSFileTotal
VMFSFILE_ARRAY_TOTAL	VMDK on Arrays (GB)	float	Capacity of VMDK files residing on arrays	VMFSFileArrayTotal

STS_HOST_ARRAY

This view provides information about the arrays utilized by hosts.

**Related
StorageScope
Repository tables**

[“SRMHostArrayMetrics” on page 404](#)

Table 47 STS_HOST_ARRAY (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_AGENTTYPE	Agent Type	varchar	Type of agent that last discovered the array	None
ST_DEVICECOUNT	# Accessible Devices	numeric	Number of accessible devices	ArrayDevCount
HOST_ALLDCCOUNT	# Allocated Devices	numeric	Number of array devices allocated to the host	AllocDevCount
HOST_ARRAY_ALLOCATED	Host - Allocated - Usable (GB)	capacity	Configured array storage designated for use by this host or the hosts in the group	HostArrayAllocated
HOST_ARRAY_ACCESSIBLE	Host - Accessible - Usable (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations	HostArrayAccessible

Table 47 STS_HOST_ARRAY (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_ACC_USED	Host - Accessible - Used (GB)	capacity	Total host file system and raw database capacity that resides exclusively on this array. Does not include file system or raw database capacity that also resides on another array or on internal disks/JBOD.	HostArrayAccessibleUsed
HOST_ARRAY_ACC_NOVG_TOTAL	Accessible - Free - No Vol Grps (GB)	capacity	Capacity of the accessible array devices on which no volume groups reside	HostArrayNoVGTotal
HOST_ARRAY_ACC_NOVG_COUNT	# Free Accessible Devices - No Vol Grps	numeric	Number of accessible array devices on which no volume groups reside	HostArrayNoVGCount
HOST_ARRAY_ACC_NOFS_TOTAL	Accessible - Free - No FS/DB (GB)	capacity	Capacity of the accessible array devices on which no file systems or databases reside	HostArrayNoFSTotal
HOST_ARRAY_ACC_NOFS_COUNT	# Free Accessible Devices - No FS/DB	numeric	Number of accessible array devices on which no file systems or databases reside	HostArrayNoFSCount
HOST_ARRAY_FREE_ACC_DEV_COUNT	# Unused Accessible LUNs	number	Number of LUNs accessible to the host or the hosts in the group which have no file systems, raw databases, VMFS volumes, or RDMS on them. In the case of MVS, these are LUNs with no volume groups on them.	HostArrayFreeAccDevCount
HOST_ARRAY_FREE_ACC_DEV_TOTAL	Unused Accessible (GB)	number	Capacity of unused LUNs accessible to the host or hosts in the group. Unused LUN capacity is capacity not occupied by file systems, raw databases, VMFS volumes, or RDMS. In the case of MVS, these are LUNs with no volume groups on them.	HostArrayFreeAccDevTotal
HOST_ARRAY_FS_TOTAL	File System - Total (GB)	capacity	Total host file system capacity that resides exclusively on this array	HostArrayFSTotal
HOST_ARRAY_FS_USED	File System - Used (GB)	capacity	Of the total host file system capacity that resides exclusively on this array, the amount used	HostArrayFSUsed

Table 47 STS_HOST_ARRAY (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_RAWDB_TOTAL	Raw Database - Total (GB)	capacity	Total host raw database capacity that resides exclusively on this array	HostArrayRawDBTotal
HOST_ARRAY_RAWDB_USED	Raw Database - Used (GB)	capacity	Of the total host raw database capacity that resides exclusively on this array, the amount used	HostArrayRawDBUsed
HOST_ARRAY_VMFS_TOTAL	VMFS Capacity (GB)	number	Amount of VMFS capacity on the array that is accessible to the ESX Server	HostArrayVMFSTotal
HOST_ARRAY_VMFS_USED	Used VMFS (GB)	number	Amount of accessible VMFS capacity on the array accessible to the ESX Server that is consumed by files	HostArrayVMFSUsed
HOST_ARRAY_RDMRAW_TOTAL	Raw Disk/RDM (GB)	number	Raw disk and RDM capacity on the array assigned to the ESX Server	HostArrayRDMRawTotal

STS_HOST_ARRAY_PATH

This view shows the complete path from each host to each array to which it is connected. The view contains one row per unique host/array connection.

**Related
StorageScope
Repository tables**

[“SRMHostArrayPath” on page 421](#)

Table 48 STS_HOST_ARRAY_PATH (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
HOST_ADAPTER_ID	Host Adapter ID	integer	Internal ControlCenter Repository identifier for the host adapter	HBAKey
HOST_PORT_WWN	HBA WWN	varchar	HBA WWN. If iSCSI port, blank or N/A.	HBAWWN
HBA_CONN_SWITCH_FB_ID	Fabric ID (Host Side)	number	Internal Controlcenter Repository identifier for the fabric in which the switch connected to the host resides	HostConnFabricKey
HBA_CONN_SWITCH_FB_WWN	Fabric WWN	varchar	Fabric WWN	HBAConnFabricWWN
HBA_CONN_SWITCH_ID	HBA - Switch ID	id	Internal ControlCenter Repository identifier for switch connected to the HBA port	HostConnSwitchKey
HBA_CONN_SWITCH_SN	HBA - Switch WWN	varchar	WWN of switch connected to HBA port	HBAConnSwitchSN
HBA_CONN_SWITCH_ALIAS	HBA - Switch	varchar	User-defined name of the switch connected to HBA port	HBAConnSwitchAlias
HBA_CONN_SWITCH_PORT_ID	HBA - Switch Port No.	varchar	Internal ControlCenter Repository identifier for switch port connected to HBA port	HostConnSwitchPortKey

Table 48 STS_HOST_ARRAY_PATH (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HBA_CONN_SWITCH_PORT_NUMBER	HBA - Switch Port No.	varchar	Port number of switch port connected to HBA port	HBAConnSwitchPortNumber
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
AD_ID	Array Adapter ID	id	Internal ControlCenter Repository identifier for adapter	ArrayAdapterID
AD_NAME	Array Adapter Name	varchar	System-assigned name of the adapter	ArrayAdapterName
ADAPTER_NUMBER	Adapter No.	numeric	Number of the HBA, switch, or array adapter	AdapterNumber
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	ArrayPortID
PORT_NUMBER	Port No.	varchar	Port number (host, switch, or NAS storage device)	ArrayPortNumber
ADPORT_ALIAS	Array Port Name	varchar	User-defined or system-assigned name for the port	ArrayAdapterPortAlias
ARRAY_PORT_WWN	Array Port WWN	varchar	Array port WWN. N/A if iSCSI port. Blank if information not available.	ArrayPortWWN
ARRAY_PORT_ISCSINAME	Array Port iSCSI Name	varchar	Unique name of the array iSCSI port	ArrayPortISCSIName
ARRAY_CONN_SWITCH_ID	Switch Key (Array Side)	varchar	Internal ControlCenter Repository identifier for the switch to which the array is connected	ArrayConnSwitchKey
ARRAY_CONN_SWITCH_SN	Array Port - Switch WWN	varchar	WWN of switch connected to array port	ArrayConnSwitchSN

Table 48 STS_HOST_ARRAY_PATH (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ARRAY_CONN_SWITCH_ALIAS	Array Port - Switch	varchar	User-defined or system-assigned name of switch connected to array port	ArrayConnSwitchAlias
ARRAY_CONN_SWITCH_PORT_ID	Switch Port ID (Array Side)	number	Internal ControlCenter Repository identifier for the switch port to which the array is connected	ArrayConnSwitchPortKey
ARRAY_CONN_SWITCH_PORT_NUMBER	Array Port - Switch Port No.	varchar	Number of the switch port connected to the array port	ArrayConnSwitchPortNumber

STS_HOST_BY_GROUP

This view contains host-related numerical data (counts and capacities) for each user-defined group that contains hosts. The view contains one row per group.

**Related
StorageScope
Repository tables**

[“SRMHostByGroupMetrics” on page 453](#)

Table 49 STS_HOST_BY_GROUP (1 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_HOSTCOUNT	# Hosts	numeric	Number of hosts in group and subgroups	HostCount
HOST_ARRAY_ALLOCATED_PRIMARY	Primary - Allocated - Usable (GB)	capacity	Capacity on primary devices minus capacity defined by the protection level (mirrors or parity RAID) for the devices that is designated for use by this host or the hosts in the group	HostArrayPrimaryAllocTotal
HOST_ARRAY_REP_TOTAL	Replica - Allocated - Usable (GB)	capacity	Capacity of local and remote replicas associated with primary device capacity allocated to this host or the hosts in the group	None (See “Custom SQL Queries” on page 695.)

Table 49 STS_HOST_BY_GROUP (2 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_INTDISK_TOTAL	Internal/JBOD - Total (GB)	capacity	Total capacity of internal disks and JBOD in this host or the hosts in the group	HostInternalTotal
HOST_ARRAY_RELOCAL_TOTAL	Local Replica - Allocated - Usable (GB)	capacity	Capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayLocalRepTotal
HOST_ARRAY_REREMOTE_TOTAL	Remote Replica - Allocated - Usable (GB)	capacity	Capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Excludes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteRepTotal
HOST_USED	Host - Accessible - Used (GB)	capacity	Array capacity accessible to this host or the hosts in the group that is assigned to host file systems or databases	None (See “Custom SQL Queries” on page 695.)
HOST_ARRAY_ACCESSIBLE	Host - Accessible - Usable (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations	HostArrayAccessible
HOST_TOTAL_STORAGE_ACCESSIBLE	Host - Accessible - Total (GB)	capacity	Total capacity on arrays and internal disks/JBOD that is accessible to this host or the hosts in the group	None (See “Custom SQL Queries” on page 695.)
FS_TOTAL	File System - Total (GB)	capacity	Total capacity occupied by file systems. Does not include deleted or unmounted file systems.	FSTotal
FS_TOTAL_JBOD	File System - Int/JBOD - Total (GB)	capacity	Total capacity of host file systems mounted on internal disks/JBOD only	None (See “Custom SQL Queries” on page 695.)
FS_TOTAL_ARRAY	File System - Array - Total (GB)	capacity	Total capacity of file systems that are mounted on host devices mapped to array devices	FSTotalOnArray

Table 49 STS_HOST_BY_GROUP (3 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_TOTAL_BOTH	File System - Array & Int/JBOD - Total (GB)	capacity	Total capacity of the file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices	None (See “Custom SQL Queries” on page 695.)
FS_USED	File System - Used (GB)	capacity	Used file system capacity. Does not include deleted or unmounted file systems.	FSUsed
FS_USED_JBOD	File System - Int/JBOD - Used (GB)	capacity	Of the total capacity of file systems that are mounted on internal disks/JBOD only, the amount used	None (See “Custom SQL Queries” on page 695.)
FS_USED_ARRAY	File System - Array - Used (GB)	capacity	Of the total capacity of file systems that are mounted on host devices mapped to array devices, the amount used	FSUsedOnArray
FS_USED_BOTH	File System - Array & Int/JBOD - Used (GB)	capacity	Of the total capacity of file systems that are mounted on both internal disks/JBOD and on host devices mapped to array devices, the amount used	None
FS_FREE	File System - Free (GB)	capacity	Available file system capacity. Does not include deleted or unmounted file systems.	None
VG_TOTAL	Volume Group - Total (GB)	capacity	Total capacity of volume groups on the host or the hosts in the group	VGTotal
VG_TOTAL_JBOD	Volume Group - Int/JBOD - Total (GB)	capacity	Total volume group capacity that resides on internal disks/JBOD. Includes capacity that resides exclusively on internal disks/JBOD and the internal disk/JBOD portion of capacity that resides on both arrays and internal disks/JBOD.	VGTotalOnInternal
VG_TOTAL_ARRAY	Volume Group - Array - Total (GB)	capacity	Total volume group capacity that resides on arrays. Includes capacity that resides exclusively on arrays and the array portion of capacity that resides on both arrays and internal disks/JBOD.	VGTotalOnArray

Table 49 STS_HOST_BY_GROUP (4 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_TOTAL_BOTH	Volume Group - Array & Int/JBOD - Total (GB)	capacity	Total volume group capacity that resides on both array devices and on internal disks/JBOD	VGTotalOnArrayAndInternal
VG_USED	Volume Group - Used (GB)	capacity	Of the total capacity of all host volume groups, the amount used	VGUsed
VG_USED_JBOD	Volume Group - Int/JBOD - Used (GB)	capacity	Of the volume group capacity that resides on internal disks/JBOD, the amount used	None (See "Custom SQL Queries" on page 695.)
VG_USED_ARRAY	Volume Group - Array - Used (GB)	capacity	Of the volume group capacity that resides on arrays, the amount used	VGUsedOnArray
VG_USED_BOTH	Volume Group - Array & Int/JBOD - Used (GB)	capacity	Of the volume group capacity that resides on both array devices and on internal disks/JBOD, the amount used	None (See "Custom SQL Queries" on page 695.)
VG_FREE	Volume Group - Free (GB)	capacity	Available volume group capacity	VGFree
DB_TOTAL	Database - Total (GB)	capacity	Total capacity (on raw partitions and in file systems) allocated to this database	DBTotal
DB_TOTAL_JBOD	Database - Int/JBOD - Total (GB)	capacity	Total database capacity that resides on internal disks/JBOD only	None
DB_TOTAL_ARRAY	Database - Array - Total (GB)	capacity	Total database capacity that resides on arrays only	DBTotalOnArray
DB_TOTAL_BOTH	Database - Array & Int/JBOD - Total (GB)	capacity	Total database capacity that resides on both arrays and on internal disks/JBOD	None
DB_USED	Database - Used (GB)	capacity	Of the total capacity allocated to this database, the amount used by data files, log files, and database overhead	DBUsed
DB_USED_JBOD	Database - Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on internal disks/JBOD only, the amount used	None

Table 49 STS_HOST_BY_GROUP (5 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DB_USED_ARRAY	Database - Array - Used (GB)	capacity	Of the total database capacity that resides on arrays only, the amount used	DBUsedOnArray
DB_USED_BOTH	Database - Array & Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on both arrays and on internal disks/JBOD, the amount used	None
DB_FREE	Database - Free (GB)	capacity	Of the total capacity allocated to this database, the amount available for data files, log files, and database overhead	None
LVOL_TOTAL	Logical Volume - Total (GB)	capacity	Total capacity available to this logical volume	LVTotal
LVOL_TOTAL_JBOD	Logical Volume - Int/JBOD - Total (GB)	capacity	Total capacity of logical volumes created on internal disk/JBOD only	None (See "Custom SQL Queries" on page 695.)
LVOL_TOTAL_ARRAY	Logical Volume - Array - Total (GB)	capacity	Total capacity of logical volumes created on host devices that are mapped to array devices	LVTotalOnArray
LVOL_TOTAL_BOTH	Logical Volume - Array & Int/JBOD - Total (GB)	capacity	Total capacity of logical volumes created on both internal disks/JBOD and on host devices that are mapped to array devices	None (See "Custom SQL Queries" on page 695.)
LVOL_USED	Logical Volume - Used (GB)	capacity	Capacity allocated to this logical volume	LVUsed
LVOL_USED_JBOD	Logical Volume - Int/JBOD - Used (GB)	capacity	Of the total capacity of logical volumes created on internal disks/JBOD only, the amount used	None (See "Custom SQL Queries" on page 695.)
LVOL_USED_ARRAY	Logical Volume - Array - Used (GB)	capacity	Of the total capacity of logical volumes created on host devices that are mapped to array devices, the amount used	LVUsedOnArray
LVOL_USED_BOTH	Logical Volume - Array & Int/JBOD - Used (GB)	capacity	Of the total capacity of logical volumes created on both internal disks/JBOD and on host devices that are mapped to array devices, the amount used	None (See "Custom SQL Queries" on page 695.)

Table 49 STS_HOST_BY_GROUP (6 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
LVOL_FREE	Logical Volume - Free (GB)	capacity	Capacity on this logical volume that is available for use	LVFree
RAWDB_TOTAL	DB on Raw Devices (GB)	float(126)	Total amount of array raw device capacity allocated to host databases	RawDBTotal
RAWDB_USED	Used DB on Raw Devices (GB)	float(126)	Total amount of database capacity on array raw devices consumed by data files, log files, and database overhead	RawDBUsed
RAWDB_FREE	Free DB on Raw Devices (GB)	float(126)	Available amount of database capacity on array raw devices	none
EXCHANGE_COUNT	Not supported			
EXCHANGE_TOTAL	Not supported			
HOST_HDCOUNT	# Host Devices	numeric	Number of host devices. Includes internal disks and accessible array devices.	HostDevCount
HOST_PPDEVCOUNT	PowerPath - # Devices	numeric	Number of PowerPath devices	PowerPathDevCount
HOST_PPPHYPATHCOUNT	PowerPath - # Physical Paths	numeric	Number of physical PowerPath paths from the host or group of hosts to storage devices	PowerPathPhyPathCount
HOST_FSCOUNT	# File Systems	numeric	Number of local file systems on host(s)	FSCount
HOST_DBCOUNT	# Databases	numeric	Number of databases on host(s)	DBCount
HOST_VGCOUNT	# Volume Groups	numeric	Number of volume groups in the group or within hosts in the group	VGCount
HOST_LVCOUNT	# Logical Volumes	numeric	Number of logical volumes on host(s)	LVCount
HOST_ACCDEVCOUNT	# Accessible Devices	numeric	Number of devices accessible to the host	AccDevCount
HOST_ARRAY_TOTAL	Host - Allocated - Usable (GB)	capacity	Total usable array capacity designated for use by this host or the hosts in the group	HostArrayAllocTotal

Table 49 STS_HOST_BY_GROUP (7 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ARRAY_TOTAL_RAW	Host - Allocated - Raw (GB)	capacity	Total raw capacity (usable plus protection capacity) designated for use by this host or the hosts in the group	HostArrayAllocRaw
HOST_ARRAY_ALLOCATED_PRIMARY_RAW	Primary - Allocated - Raw (GB)	capacity	Capacity on primary logical devices plus capacity defined by the protection level (mirrors or parity RAID) for the devices that is allocated to the host or hosts in the group	HostArrayPrimaryAllocRaw
HOST_ARRAY_REP_TOTAL_RAW	Replica - Allocated - Raw (GB)	capacity	Raw capacity (usable plus protection capacity) of local and remote replicas allocated to this host or the hosts in the group	HostArrayReplicaRaw
HOST_ARRAY_REPLOCAL_TOTAL_RAW	Local Replica - Allocated - Raw (GB)	capacity	Raw capacity of local replicas associated with primary devices and local replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	None
HOST_ARRAY_REPREMOTE_TOTAL_RAW	Remote Replica - Allocated - Raw (GB)	capacity	Raw capacity of remote replicas associated with primary devices and remote replicas directly accessible to this host or the hosts in the group. Includes protection capacity (mirrors or parity RAID) defined for the devices.	HostArrayRemoteRepRaw
HOST_ARRAY_ACCESSIBLE_RAW	Host - Accessible - Raw (GB)	capacity	Array device capacity on which this host or the hosts in the group can perform I/O operations plus any protection capacity defined for those array devices	HostArrayAccessibleRaw
VMGUEST_COUNT	# Virtual Machines	number	Number of virtual machines. Applicable to ESX Servers only.	VMGuestCount
VMFS_COUNT	# VMFS	number	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	VMFSCount

Table 49 STS_HOST_BY_GROUP (8 of 8)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VMFS_TOTAL	VMFS Capacity (GB)	number	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	VMFSTotal
VMFS_USED	Used VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	VMFSUsed
VMFS_FREE	Free VMFS (GB)	number	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	VMFSFree
RDM_RAW_COUNT	# Raw Disk/RDM	number	Total number of raw disks and raw disk mapping (RDM) files	RDMRawCount
RDM_RAW_TOTAL	Raw Disk/RDM (GB)	number	Total raw disk and RDM capacity available to ESX Servers	RDMRawTotal
NETWORKFS_FILE_TOTAL	Network File System (GB)	number	Capacity of VMFS file systems on remote systems	NetworkFSFileTotal
SNAPSHOT_TOTAL	VM Snapshot (GB)		Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	SnapshotTotal
VMFSFILE_TOTAL	VMDK Capacity (GB)	float	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	VMFSFileTotal
VMFSFILE_ARRAY_TOTAL	VMDK on Arrays (GB)	float	Capacity of VMDK files residing on arrays	VMFSFileArrayTotal

STS_HOST_DB

This view contains basic configuration information for each database found in the ControlCenter Repository. The view contains one row per database.

Related StorageScope Repository tables

- ◆ [“SRMDatabase” on page 485](#)
- ◆ [“SRMDBMetrics” on page 487](#)

Table 50 STS_HOST_DB (1 of 3)

Column Name	Label	Datatype	Description	StorageScope repository Equivalent
DB_ID	Database ID	id	Internal ControlCenter Repository identifier for database	DatabaseID
DB_NAME	Instance Name	varchar	Database instance name	DBName
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
DB_TYPE	Instance Type	varchar	Database instance type	DBType
DB_VERSION	Instance Version	varchar	Database instance version	DBVersion
DB_TOTAL	Database - Total (GB)	capacity	Total capacity (on raw partitions and in file systems) allocated to this database	DBTotal
DB_TOTAL_JBOD	Database - Int/JBOD - Total (GB)	capacity	Total database capacity that resides on internal disks/JBOD only	DBTotalOnInternal
DB_TOTAL_ARRAY	Database - Array - Total (GB)	capacity	Total database capacity that resides on arrays only	DBTotalOnArray
DB_TOTAL_BOTH	Database - Array & Int/JBOD - Total (GB)	capacity	Total database capacity that resides on both arrays and on internal disks/JBOD	None

Table 50 STS_HOST_DB (2 of 3)

Column Name	Label	Datatype	Description	StorageScope repository Equivalent
DB_USED	Database - Used (GB)	capacity	Of the total capacity allocated to this database, the amount used by data files, log files, and database overhead	DBUsed
DB_USED_JBOD	Database - Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on internal disks/JBOD only, the amount used	None
DB_USED_ARRAY	Database - Array - Used (GB)	capacity	Of the total database capacity that resides on arrays only, the amount used	DBUsedOnArray
DB_USED_BOTH	Database - Array & Int/JBOD - Used (GB)	capacity	Of the total database capacity that resides on both arrays and on internal disks/JBOD, the amount used	None
DB_FREE	Database - Free (GB)	capacity	Of the total capacity allocated to this database, the amount available for data files, log files, and database overhead	None
DATA_TOTAL	Data - Total (GB)	capacity	Of the total capacity allocated to this database, the amount available for data files	DataTotal
DATA_USED	Data - Used (GB)	capacity	Of the total capacity allocated to data files in this database, the amount used	DataTotal
DATA_FREE	Data - Free (GB)	capacity	Of the total capacity allocated to data files in this database, the amount available	DataFree
LOG_TOTAL	Log Capacity (GB)	capacity	Of the total capacity allocated to this database, the amount allocated to log files	LogTotal
DB_TBSPCOUNT	# Tablespaces	numeric	Number of Oracle tablespaces or Sybase/Informix/SQL Server databases	DBTBSPCount
DB_DBSPACECOUNT	# Dbspaces	numeric	Number of Informix dbspaces. If not an Informix database, this field is empty (null value).	DBSpaceCount

Table 50 STS_HOST_DB (3 of 3)

Column Name	Label	Datatype	Description	StorageScope repository Equivalent
DB_FILEGROUPCOUNT	# File Groups	numeric	Number of file groups in the SQL Server database. If not an SQL Server database, this field is empty (null value).	DBFileGroupCount
DB_FILECOUNT	# Data Files	numeric	Number of data files in database	DBFileCount
DB_SCHEMACOUNT	# Schemas	numeric	Number of schemas in Oracle database	DBSchemaCount
DB_LASTDISCOVERYTIME	Last Discovered	Date	Date and time an agent last collected data about the object	LastDiscoveryTime
HOSTDBCUSTOMFIELD1	Host Databases Custom Field 1	varchar	Host Databases Custom Field 1	UDF1
HOSTDBCUSTOMFIELD2	Host Databases Custom Field 2	varchar	Host Databases Custom Field 2	UDF2
HOSTDBCUSTOMFIELD3	Host Databases Custom Field 3	varchar	Host Databases Custom Field 3	UDF3
HOSTDBCUSTOMFIELD4	Host Databases Custom Field 4	varchar	Host Databases Custom Field 4	UDF4
HOSTDBCUSTOMFIELD5	Host Databases Custom Field 5	varchar	Host Databases Custom Field 5	UDF5
HOSTDBCUSTOMFIELD6	Host Databases Custom Field 6	varchar	Host Databases Custom Field 6	UDF6
HOSTDBCUSTOMFIELD7	Host Databases Custom Field 7	varchar	Host Databases Custom Field 7	UDF7
HOSTDBCUSTOMFIELD8	Host Databases Custom Field 8	varchar	Host Databases Custom Field 8	UDF8
HOSTDBCUSTOMFIELD9	Host Databases Custom Field 9	varchar	Host Databases Custom Field 9	UDF9
HOSTDBCUSTOMFIELD10	Host Databases Custom Field 10	varchar	Host Databases Custom Field 10	UDF10

STS_HOST_DB_DATAFILE

This view contains configuration and numerical data for each database datafile found in the ControlCenter Repository. The view contains one row per datafile.

Related StorageScope Repository tables

- ◆ [“SRMDBFile” on page 494](#)
- ◆ [“SRMDBFileMetrics” on page 496](#)

Table 51 STS_HOST_DB_DATAFILE (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DB_ID	Database ID	id	Internal ControlCenter Repository identifier for database	DatabaseKey
DB_NAME	Instance Name	varchar	Database instance name	DBName
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
TBSP_ID	Tablespace ID	id	Internal ControlCenter Repository identifier for tablespace	TBSPKey
TBSP_NAME	Tablespace Name	varchar	Tablespace name	TBSPName
DBFILE_ID	Data File ID	id	Internal ControlCenter Repository identifier for data file	DBFileKey
DBFILE_NAME	Data File Name	varchar	Database data file name	DBFileName
DBFILE_TOTAL	Data File - Total (GB)	capacity	Amount of database capacity allocated to this data file	DBFileTotal
DBFILE_FREE	Data File - Free (GB)	capacity	Of the capacity allocated to this data file, the amount available	DBFileFree
DBFILE_USED	Data File - Used (GB)	capacity	Of the capacity allocated to this data file, the amount used	DBFileUsed

Table 51 STS_HOST_DB_DATAFILE (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	FileSystemKey
FS_DEVICE	File System Device	varchar	Host device from which this file system is mounted. For Windows systems, this is normally the same as the mount point.	None
FS_ALIAS	File System	varchar	User-defined name for the file system	None
LV_ID	Logical Volume ID	integer	Internal ControlCenter Repository identifier for logical volume	None
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupID
VG_NAME	Volume Group	varchar	Volume group name	VolumeGroupName
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	IsVGShared
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	HostDeviceID
HD_NAME	Host Device	varchar	Host device name	HDName
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey

Table 51 STS_HOST_DB_DATAFILE (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TOTAL	Assignable Device Capacity (GB)	capacity	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	None
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	None

STS_HOST_DB_PARAMETER

This view provides information about parameters defined for Oracle database instances.

**Related
StorageScope
Repository tables**

[“SRMDBParameter” on page 509](#)

Table 52 STS_HOST_DB_PARAMETER

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
DB_ID	Database ID	id	Internal ControlCenter Repository identifier for database	DatabaseKey
DB_NAME	Instance Name	varchar	Database instance name	DBName
DB_CONFIG_ID	Parameter ID	id	Internal ControlCenter Repository identifier for parameter	ParameterKey; ParameterID
DB_CONFIGNAME	Parameter Name	varchar	Database configuration parameter name	ParameterName
DB_CONFIGVALUE	Parameter Value	varchar	Database configuration parameter value	ParameterValue
DB_LASTUPDATETIME	Last Update	date	Last time database was updated	DBLastUpdateTime

STS_HOST_DB_TABLESPACE

This view provides information about Oracle tablespaces. The view contains one row per tablespace.

Related StorageScope Repository tables

- ◆ [“SRMDBTablespace” on page 502](#)
- ◆ [“SRMDBTablespaceMetrics” on page 504](#)

Table 53 STS_HOST_DB_TABLESPACE

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
DB_ID	Database ID	id	Internal ControlCenter Repository identifier for database	DatabaseKey
DB_NAME	Instance Name	varchar	Database instance name	DBName
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
TBSP_ID	Tablespace ID	id	Internal ControlCenter Repository identifier for tablespace	TBSPID
TBSP_NAME	Tablespace Name	varchar	Tablespace name	TBSPName
STATS_TIME	Last Analyzed	date	Last time any table in the tablespace was analyzed	None
TS_TOTAL	Tablespace - Total (GB)	capacity	Total tablespace capacity	TBSPTotal
TS_USED	Tablespace - Used (GB)	capacity	Used tablespace capacity	TBSPUsed
TS_COALESCED_BLOCKS	# Coalesced Blocks	numeric	Number of coalesced blocks	TBSPCoalescedBlocks
TS_TOTAL_BLOCKS	Blocks - Total	numeric	Total blocks	TBSPTotalBlocks
TS_PERCENT_COALESCED	% Coalesced	capacity	Percentage of coalesced blocks	TBSPCoalescedPercent
DB_TYPE	Instance Type	varchar	Database instance type	None

STS_HOST_DEVICE

This view provides information about the host devices in each host. Host devices include internal disks as well as disks derived from storage arrays. The view contains one row per host device.

Related StorageScope Repository tables

[“SRMHostDevice” on page 397](#)

Table 54 STS_HOST_DEVICE (1 of 4)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	HostDeviceKey; HostDeviceID
HD_NAME	Host Device	varchar	Host device name	HDName
HOST_ID	Host/HBA/iSCSI ID	id	Internal ControlCenter Repository identifier for the host or the HBA or iSCSI port if the host is unknown	HostKey; HostID
HOST_NAME	Host/HBA/iSCSI Name	varchar	System-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostName
HOST_ALIAS	Host/HBA/iSCSI	varchar	User-defined or system-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostAlias
HD_PPDEV_ID	Parent PowerPath Device ID	id	Internal ControlCenter Repository identifier for parent PowerPath device	HDPowerPathDevID
HD_TYPE	Host Device Type	varchar	Host device type. For Generic device, refer to Array Device Type field for specific device type.	HDType
HD_VENDOR	Device Vendor	varchar	Device vendor	HDVendor
HD_PRODUCT	Product	varchar	Host device product name	HDProduct
HD_REVISION	Product Revision	varchar	Host device product revision	HDRevision
HD_TOTAL	Host Device Capacity (GB)	capacity	Total host device capacity	HDTotal
HD_BLOCKSIZE	Block Size	numeric	Block size	HDBlockSize

Table 54 STS_HOST_DEVICE (2 of 4)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HD_NUMCYLINDERS	# Cylinders	numeric	Number of cylinders	HDNumberOfCylinders
HD_TRACKSCYLINDER	Tracks/Cylinder	numeric	Number of tracks per cylinder	HDTracksPerCylinder
HD_SECTORSTRACK	Sectors	numeric	Number of sectors	HDSectorsPerTrack
HD_PPDEV	Parent PowerPath Device Name	varchar	Name of parent PowerPath device	HDPowerPathDevName
HD_STATE	State	varchar	Indicates the state of the host device. Valid values are: Not Available, Error, No Errors, Access Denied, Invalid Unit, Not Ready, Read Only, and No Label.	HDState
IS_POWERPATH_PARENT	PowerPath Parent?	varchar	Indicates whether or not this is a parent PowerPath device	IsPowerPathParent
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Array device name	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType

Table 54 STS_HOST_DEVICE (3 of 4)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_TOTAL	Assignable Device Capacity (GB)	capacity	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	None
SD_TOTAL_RAW	Assignable Device Capacity - Raw (GB)	capacity	Total capacity of this logical device (non-meta, meta head, or meta member) that can be made available to hosts including any defined protection capacity. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0).	None
INTDISK_TOTAL	Internal/JBOD - Total (GB)	capacity	If this host device is mapped to a local disk or JBOD, the capacity of the disk or JBOD	None
ACCESSIBLE_BY	Accessible By	varchar	If the LUN is accessible, indicates whether it is accessible to a host, HBA, iSCSI port, or NAS data mover. If the LUN is not accessible, this field is empty (null value).	AccessibleBy
HOSTDEVCUSTOMFIELD1	Host Devices Custom Field 1	varchar	Host Devices Custom Field 1	UDF1
HOSTDEVCUSTOMFIELD2	Host Devices Custom Field 2	varchar	Host Devices Custom Field 2	UDF2
HOSTDEVCUSTOMFIELD3	Host Devices Custom Field 3	varchar	Host Devices Custom Field 3	UDF3
HOSTDEVCUSTOMFIELD4	Host Devices Custom Field 4	varchar	Host Devices Custom Field 4	UDF4
HOSTDEVCUSTOMFIELD5	Host Devices Custom Field 5	varchar	Host Devices Custom Field 5	UDF5
HOSTDEVCUSTOMFIELD6	Host Devices Custom Field 6	varchar	Host Devices Custom Field 6	UDF6

Table 54 STS_HOST_DEVICE (4 of 4)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOSTDEVCUSTOMFIELD7	Host Devices Custom Field 7	varchar	Host Devices Custom Field 7	UDF7
HOSTDEVCUSTOMFIELD8	Host Devices Custom Field 8	varchar	Host Devices Custom Field 8	UDF8
HOSTDEVCUSTOMFIELD9	Host Devices Custom Field 9	varchar	Host Devices Custom Field 9	UDF9
HOSTDEVCUSTOMFIELD10	Host Devices Custom Field 10	varchar	Host Devices Custom Field 10	UDF10
USED_BY_FS	Used By File System?	varchar	Indicates if the host device is used by a host file system	UsedByFileSystem
USED_BY_VG	Used By Volume Group?	varchar	Indicates if the host device is used by a volume group	UsedByVolumeGroup
IS_PSEUDO	Pseudo Device?	varchar	Indicates whether or not the device is a pseudo device	IsPseudo

STS_HOST_FS

This view contains configuration and capacity information about local, network file, and virtual machine file systems.

Related StorageScope Repository tables

- ◆ [“SRMFileSystem” on page 441](#)
- ◆ [“SRMFSMetrics” on page 444](#)

Table 55 STS_HOST_FS (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	FileSystemKey
FS_DEVICE	File System Device	varchar	Host device from which this file system is mounted. For Windows systems, this is normally the same as the mount point.	FileSystemDevice
FS_MOUNTPOINT_NAME	Mount Point Name	varchar	File system mount point name	FSMountPoint
FS_ALIAS	File System	varchar	User-defined name for the file system	FileSystemAlias
FS_DATASTORENAME	Datastore Name	varchar	Name of the VMFS datastore	VMFSDataStoreName
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
HOST_OS	Operating System	varchar	Host operating system	HostOS
FS_TYPE	Type	varchar	File system type	FSType
FS_TOTAL	File System - Total (GB)	capacity	Total capacity occupied by file systems. Does not include deleted or unmounted file systems.	FSTotal
FS_FREE	File System - Free (GB)	capacity	Available file system capacity. Does not include deleted or unmounted file systems.	None

Table 55 STS_HOST_FS (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_USED	File System - Used (GB)	capacity	Used file system capacity. Does not include deleted or unmounted file systems.	FSUsed
FS_TOTALINODES	# Inodes - Total	numeric	Total number of file system Inodes	FSInodesTotal
FS_FREEINODES	# Inodes - Free	numeric	Number of available file system Inodes	FSInodesFree
FS_USEDINODES	# Inodes - Used	numeric	Number of used file system Inodes	FSInodesUsed
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupID
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	IsVgShared
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
IS_CLUSTERED	Clustered?	varchar	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered
IS_VMFS	VMFS?	varchar	Indicates whether or not this is a virtual machine file system (VMFS)	IsVMFS
DISCOVERED	File System Discovered?	varchar	Indicates if the file system is present in the ControlCenter Console. If No, it may mean that file system was deleted or the associated host agent is not currently running.	Discovered
MIN_FS_USED	File System - Min Used (GB)	capacity	Least amount of the capacity of this file system that was in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	MinFSUsed
MIN_FS_USED_TIME	File System - Time of Min Used	date	Time at which usage of this file system was least during the previous calendar day (12 a.m. to 12 a.m.)	MinFSUsedTime

Table 55 STS_HOST_FS (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MAX_FS_USED	File System - Max Used (GB)	capacity	Greatest amount of the capacity of this file system that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	MaxFSUsed
MAX_FS_USED_TIME	File System - Time of Max Used	date	Time at which usage of this file system was greatest in the previous calendar day (12 a.m. to 12 a.m.)	MaxFSUsedTime
HOSTFSCUSTOMFIELD1	Host File Systems Custom Field 1	varchar	Host File Systems Custom Field 1	UDF1
HOSTFSCUSTOMFIELD2	Host File Systems Custom Field 2	varchar	Host File Systems Custom Field 2	UDF2
HOSTFSCUSTOMFIELD3	Host File Systems Custom Field 3	varchar	Host File Systems Custom Field 3	UDF3
HOSTFSCUSTOMFIELD4	Host File Systems Custom Field 4	varchar	Host File Systems Custom Field 4	UDF4
HOSTFSCUSTOMFIELD5	Host File Systems Custom Field 5	varchar	Host File Systems Custom Field 5	UDF5
HOSTFSCUSTOMFIELD6	Host File Systems Custom Field 6	varchar	Host File Systems Custom Field 6	UDF6
HOSTFSCUSTOMFIELD7	Host File Systems Custom Field 7	varchar	Host File Systems Custom Field 7	UDF7
HOSTFSCUSTOMFIELD8	Host File Systems Custom Field 8	varchar	Host File Systems Custom Field 8	UDF8
HOSTFSCUSTOMFIELD9	Host File Systems Custom Field 9	varchar	Host File Systems Custom Field 9	UDF9
HOSTFSCUSTOMFIELD10	Host File Systems Custom Field 10	varchar	Host File Systems Custom Field 10	UDF10

STS_HOST_FS_DEVICE

This view shows the relationship between file systems and physical arrays. The table contains one row for each unique file system to physical array mapping and can be used to find out where a file system is accessing its storage.

**Related
StorageScope
Repository tables**

[“SRMFSToDevice” on page 450](#)

Table 56 STS_HOST_FS_DEVICE (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	FileSystemKey
FS_DEVICE	File System Device	varchar	Host device from which this file system is mounted. For Windows systems, this is normally the same as the mount point.	FileSystemDevice
FS_MOUNTPOINT_NAME	Mount Point Name	varchar	File system mount point name	FSMountPOint
FS_ALIAS	File System	varchar	User-defined name for the file system	FileSystemAlias
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
HOST_OS	Operating System	varchar	Host operating system	HostOS
FS_TYPE	Type	varchar	File system type	FSType
FS_TOTAL	File System - Total (GB)	capacity	Total capacity occupied by file systems. Does not include deleted or unmounted file systems.	FSTotal
FS_FREE	File System - Free (GB)	capacity	Available file system capacity. Does not include deleted or unmounted file systems.	None

Table 56 STS_HOST_FS_DEVICE (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_USED	File System - Used (GB)	capacity	Used file system capacity. Does not include deleted or unmounted file systems.	FSUsed
FS_TOTALINODES	# Inodes - Total	numeric	Total number of file system Inodes	FSInodesTotal
FS_FREEINODES	# Inodes - Free	numeric	Number of available file system Inodes	FSInodesFree
FS_USEDINODES	# Inodes - Used	numeric	Number of used file system Inodes	FSInodesUsed
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
SD_TOTAL	Assignable Device Capacity (GB)	capacity	Capacity on this logical device (non-meta, meta head, or meta member) that can be made available to hosts. If the device is a meta head, the total capacity of the meta device (head plus members) is reported. If the device is a meta member, the capacity is always zero (0). Does not include any defined protection capacity for the device.	None
SD_USERCAPACITY	User-defined Device Capacity - Usable (GB)	capacity	For CLARiiON metaLUNs only, user-defined portion of the Assignable Device Capacity. For all other array device types, same as Assignable Device Capacity.	None

Table 56 STS_HOST_FS_DEVICE (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar	Type of array	ArrayType
LVOL_ID	Logical Volume ID	id	Internal ControlCenter Repository identifier for logical volume	LogicalVolumeID
LVOL_NAME	Logical Volume	varchar	Logical volume name	None
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupID
VG_NAME	Volume Group	varchar	Volume group name	VolumeGroupName
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	IsVGShared
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	None
HD_NAME	Host Device	varchar	Host device name	HDName
HD_TOTAL	Host Device Capacity (GB)	capacity	Total host device capacity	HDTotal
IS_CLUSTERED	Clustered?	varchar	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered
IS_VMFS	VMFS?	varchar	Indicates whether or not this is a virtual machine file system (VMFS)	IsVMFS

STS_HOST_HBA

This view provides information about the host ports that each host uses to connect to networked storage.

Related StorageScope Repository tables

- ◆ [“SRMHostHBA” on page 401](#)
- ◆ [“SRMHostHBAPort” on page 403](#)

Table 57 STS_HOST_HBA (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
ADAPTER_NUMBER	Adapter No.	numeric	Number of the HBA, switch, or array adapter	AdapterNumber
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
FIBREAD_NODEWWN	Node WWN	varchar	Node WWN	FibreAdapterNodeWWN
AD_PORTCOUNT	# Ports	numeric	Number of ports on the adapter	AdapterPortCount
AD_VENDOR	Adapter Vendor	varchar	Adapter vendor	AdapterVendor
AD_REVISION	Firmware Rev	varchar	Adapter firmware revision	AdapterRevision
AD_MODEL	Adapter Model	varchar	Adapter model	AdapterModel
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	PortId
PORT_NUMBER	Port No.	varchar	Port number (host, switch, or NAS storage device)	PortNumber
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	AdapterPortAlias

Table 57 STS_HOST_HBA (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
PORT_WWN	Port WWN	varchar	Port WWN. N/A if iSCSI port.	PortWWN
ISCSI_NAME	iSCSI Name	varchar	Unique name for the iSCSI port	ISCSIName
AD_DRIVER_REV	Driver Rev	varchar	Adapter driver revision	AdapterDriverRevision
HOSTHBACUSTOMFIELD1	Host HBA Custom Field 1	varchar	Host HBA Custom Field 1	UDF1
HOSTHBACUSTOMFIELD2	Host HBA Custom Field 2	varchar	Host HBA Custom Field 2	UDF2
HOSTHBACUSTOMFIELD3	Host HBA Custom Field 3	varchar	Host HBA Custom Field 3	UDF3
HOSTHBACUSTOMFIELD4	Host HBA Custom Field 4	varchar	Host HBA Custom Field 4	UDF4
HOSTHBACUSTOMFIELD5	Host HBA Custom Field 5	varchar	Host HBA Custom Field 5	UDF5
HOSTHBACUSTOMFIELD6	Host HBA Custom Field 6	varchar	Host HBA Custom Field 6	UDF6
HOSTHBACUSTOMFIELD7	Host HBA Custom Field 7	varchar	Host HBA Custom Field 7	UDF7
HOSTHBACUSTOMFIELD8	Host HBA Custom Field 8	varchar	Host HBA Custom Field 8	UDF8
HOSTHBACUSTOMFIELD9	Host HBA Custom Field 9	varchar	Host HBA Custom Field 9	UDF9
HOSTHBACUSTOMFIELD10	Host HBA Custom Field 10	varchar	Host HBA Custom Field 10	UDF10

STS_HOST_LOGICALVOLUME

This view provides information about logical volumes. Logical volumes are created and managed by native or third party logical volume managers on the host.

Related StorageScope Repository tables

- ◆ [“SRMLLogicalVolume” on page 433](#)
- ◆ [“SRMLVMetrics” on page 435](#)

Table 58 STS_HOST_LOGICALVOLUME (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupID
VG_NAME	Volume Group	varchar	Volume group name	VolumeGroupName
LVOL_ID	Logical Volume ID	id	Internal ControlCenter Repository identifier for logical volume	LogicalVolumeID
LVOL_NAME	Logical Volume	varchar	Logical volume name	LogicalVolumeName
LVOL_TYPE	Logical Volume Type	varchar	Logical volume type	LogicalVolumeType
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
LVOL_TOTAL	Logical Volume - Total (GB)	capacity	Total capacity available to this logical volume	LVTotal
LVOL_FREE	Logical Volume - Free (GB)	capacity	Capacity on this logical volume that is available for use	LVFree
LVOL_USED	Logical Volume - Used (GB)	capacity	Capacity allocated to this logical volume	LVUsed
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	VGShared

Table 58 STS_HOST_LOGICALVOLUME (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
IS_CLUSTERED	Clustered?	varchar	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered
MIN_LVOL_USED_TIME	Logical Volume - Time of Min Used	date	Time at which usage of this logical volume was least in the previous calendar day (12 a.m. to 12 a.m.)	MinLVUsedTime
MAX_LVOL_USED	Logical Volume - Max Used (GB)	capacity	Greatest amount of the capacity of this logical volume that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	MaxLVUsed
MIN_LVOL_USED	Logical Volume - Min Used (GB)	capacity	Least amount of the capacity of this logical volume that was in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	MinLVUsed
MAX_LVOL_USED_TIME	Logical Volume - Time of Max Used	date	Time at which usage of this logical volume was greatest in the previous calendar day (12 a.m. to 12 a.m.)	MaxLVUsedTime
HOSTLVCUSTOMFIELD1	Host Logical Volumes Custom Field 1	varchar	Host Logical Volumes Custom Field 1	UDF1
HOSTLVCUSTOMFIELD2	Host Logical Volumes Custom Field 2	varchar	Host Logical Volumes Custom Field 2	UDF2
HOSTLVCUSTOMFIELD3	Host Logical Volumes Custom Field 3	varchar	Host Logical Volumes Custom Field 3	UDF3
HOSTLVCUSTOMFIELD4	Host Logical Volumes Custom Field 4	varchar	Host Logical Volumes Custom Field 4	UDF4
HOSTLVCUSTOMFIELD5	Host Logical Volumes Custom Field 5	varchar	Host Logical Volumes Custom Field 5	UDF5
HOSTLVCUSTOMFIELD6	Host Logical Volumes Custom Field 6	varchar	Host Logical Volumes Custom Field 6	UDF6

Table 58 STS_HOST_LOGICALVOLUME (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOSTLVCUSTOMFIELD7	Host Logical Volumes Custom Field 7	varchar	Host Logical Volumes Custom Field 7	UDF7
HOSTLVCUSTOMFIELD8	Host Logical Volumes Custom Field 8	varchar	Host Logical Volumes Custom Field 8	UDF8
HOSTLVCUSTOMFIELD9	Host Logical Volumes Custom Field 9	varchar	Host Logical Volumes Custom Field 9	UDF9
HOSTLVCUSTOMFIELD10	Host Logical Volumes Custom Field 10	varchar	Host Logical Volumes Custom Field 10	UDF10

STS_HOST_SHAREDDEVICE

This view provides information about array devices shared by more than one host. The table contains one row per unique combination of host device and array device.

**Related
StorageScope
Repository tables**

[“SRMHostSharedDevice” on page 400](#)

Table 59 STS_HOST_SHAREDDEVICE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HOST_ID	Host/HBA/iSCSI ID	id	Internal ControlCenter Repository identifier for the host or the HBA or iSCSI port if the host is unknown	HostKey; HostID
HOST_NAME	Host/HBA/iSCSI Name	varchar	System-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostName
HOST_ALIAS	Host/HBA/iSCSI	varchar	User-defined or system-assigned name of the host or the HBA or iSCSI port if the host is unknown	HostAlias
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType

Table 59 STS_HOST_SHAREDDEVICE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	HostDeviceKey
HD_NAME	Host Device	varchar	Host device name	HDName
ACCESSIBLE_BY	Accessible By	varchar	If the LUN is accessible, indicates whether it is accessible to a host, HBA, iSCSI port, or NAS data mover. If the LUN is not accessible, this field is empty (null value).	AccessibleBy
ALLOCATED	Host Allocated?	varchar	Indicates if the array device is allocated to the host	HostAllocated

STS_HOST_VG_DEVICE

This view shows the relationship between each volume group and the host and/or array on which it resides. The table contains one row per unique volume group/device combination.

Related StorageScope Repository tables

[“SRMVGToDevice” on page 432](#)

Table 60 STS_HOST_VG_DEVICE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupKey
VG_NAME	Volume Group	varchar	Volume group name	VolumeGroupName
VG_TYPE	Volume Group Type	varchar	Volume group type	VolumeGroupType
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	None
HD_NAME	Host Device	varchar	Host device name	HDName
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias

Table 60 STS_HOST_VG_DEVICE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
ST_TYPE	Array Type	varchar2(64)	Type of array	ArrayType
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	IsVGShared
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
IS_CLUSTERED	Clustered?	varchar	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered

STS_HOST_VOLUMEGROUP

This view provides information about the volume groups associated with hosts.

**Related
StorageScope
Repository tables**

- ◆ [“SRMVolumeGroup” on page 424](#)
- ◆ [“SRMVGMetrics” on page 426](#)

Table 61 STS_HOST_VOLUMEGROUP (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_ID	Volume Group ID	id	Internal ControlCenter Repository identifier for volume group	VolumeGroupID
VG_NAME	Volume Group	varchar	Volume group name	VolumeGroupName
VG_TYPE	Volume Group Type	varchar	Volume group type	VolumeGroupType
HOST_ID	Host ID	id	Internal ControlCenter Repository identifier for host	HostKey; HostID
HOST_NAME	Host Name	varchar	System-assigned name for the host	HostName
HOST_ALIAS	Host	varchar	User-defined or system-assigned host name	HostAlias
VG_TOTAL	Volume Group - Total (GB)	capacity	Total capacity of volume groups on the host or the hosts in the group	VGTotal
VG_FREE	Volume Group - Free (GB)	capacity	Available volume group capacity	VGFree
VG_USED	Volume Group - Used (GB)	capacity	Of the total capacity of all host volume groups, the amount used	VGUsed
VG_LVCOUNT	# Logical Volumes	numeric	Number of logical volumes in volume group	LVCount
VG_MAX_LV	Max # Logical Volumes	numeric	Maximum number of logical volumes in volume group	None
VG_MAX_PV	Max # Physical Volumes	numeric	Maximum number of physical volumes in volume group	None

Table 61 STS_HOST_VOLUMEGROUP (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VG_SHARED	Volume Group Shared?	varchar	Indicates if the volume group is shared by multiple hosts	IsVGShared
VG_SHARED_SET	Shared Volume Group Set	varchar	Shared volume group set. Shared volume groups have same set number.	VGSharedSet
ARRAYJBOD_TYPE	Resides On	varchar	Indicates where this managed object resides	ResidesOn
IS_CLUSTERED	Clustered?	varchar	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	IsClustered
LAST_UPD_TIME	Last Data Update	date	Date on which this data was collected by the agent	None
VG_TOTAL_JBOD	Volume Group - Int/JBOD - Total (GB)	capacity	Total volume group capacity that resides on internal disks/JBOD. Includes capacity that resides exclusively on internal disks/JBOD and the internal disk/JBOD portion of capacity that resides on both arrays and internal disks/JBOD.	None
VG_TOTAL_ARRAY	Volume Group - Array - Total (GB)	capacity	Total volume group capacity that resides on arrays. Includes capacity that resides exclusively on arrays and the array portion of capacity that resides on both arrays and internal disks/JBOD.	VGTotalOnArray
MIN_VG_USED	Volume Group - Min Used (GB)	capacity	Least amount of the capacity of this volume group that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	MinVGUsed
MIN_VG_USED_TIME	Volume Group - Time of Min Used	date	Time at which usage of this volume group was least in the previous calendar day (12 a.m. to 12 a.m.)	MinVGUsedTime

Table 61 STS_HOST_VOLUMEGROUP (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MAX_VG_USED	Volume Group - Max Used (GB)	capacity	Greatest amount of the capacity of this volume group that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	MaxVGUsed
MAX_VG_USED_TIME	Volume Group - Time of Max Used	date	Time at which usage of this volume group was greatest in the previous calendar day (12 a.m. to 12 a.m.)	MaxVGUsedTime
HOSTVGCUSTOMFIELD1	Host Volume Groups Custom Field 1	varchar	Host Volume Groups Custom Field 1	UDF1
HOSTVGCUSTOMFIELD2	Host Volume Groups Custom Field 2	varchar	Host Volume Groups Custom Field 2	UDF2
HOSTVGCUSTOMFIELD3	Host Volume Groups Custom Field 3	varchar	Host Volume Groups Custom Field 3	UDF3
HOSTVGCUSTOMFIELD4	Host Volume Groups Custom Field 4	varchar	Host Volume Groups Custom Field 4	UDF4
HOSTVGCUSTOMFIELD5	Host Volume Groups Custom Field 5	varchar	Host Volume Groups Custom Field 5	UDF5
HOSTVGCUSTOMFIELD6	Host Volume Groups Custom Field 6	varchar	Host Volume Groups Custom Field 6	UDF6
HOSTVGCUSTOMFIELD7	Host Volume Groups Custom Field 7	varchar	Host Volume Groups Custom Field 7	UDF7
HOSTVGCUSTOMFIELD8	Host Volume Groups Custom Field 8	varchar	Host Volume Groups Custom Field 8	UDF8
HOSTVGCUSTOMFIELD9	Host Volume Groups Custom Field 9	varchar	Host Volume Groups Custom Field 9	UDF9
HOSTVGCUSTOMFIELD10	Host Volume Groups Custom Field 10	varchar	Host Volume Groups Custom Field 10	UDF10

STS_MO

This view lists all managed objects.

Related
StorageScope
Repository tables

None

Table 62 STS_MO

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_ID	Object ID	number(38)	Internal ControlCenter Repository identifier for the object	None
MO_TYPE	Object Type	varchar2(64)	Type of object	None
GRP_LIST	Group List	varchar2(4000)	Group list	None

STS_MO_GROUPPATH

This view provides information about the volume groups associated with hosts.

Related
StorageScope
Repository tables

None

Table 63 STS_MO_GROUPPATH

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MO_ID	Object ID	id	Internal ControlCenter Repository identifier for the object	None
MO_TYPE	Object Type	varchar	Type of object	None
MO_GROUP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_NAME	Group Name	varchar	Name of group	None

STS_MO_NOTINGROUP

This view shows properties for all ControlCenter objects which do not belong to any group.

**Related
StorageScope
Repository tables**

None

Table 64 STS_MO_NOTINGROUP

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONTAINER_ID	Container Object ID	id	Internal ControlCenter Repository identifier for the container object	None
MO_TYPE	Object Type	varchar	Type of object	None
MO_ID	Object ID	id	Internal ControlCenter Repository identifier for the object	None
CONTAINER_NAME	Container Object Name	varchar	System-assigned name for the container object	None
MO_ALIAS	Object	varchar	User-defined name of the object. If no user-defined name, this is the same as the system-assigned name.	None
MO_NAME	Object Name	varchar	System-assigned name of the object	None
CONTAINER_TYPE	Container Object Type	varchar	Type of the container object	None
CONTAINER_ALIAS	Container Object	varchar	User-defined name of the container object in which the object resides. If no user-defined name, this is the same as the system-assigned name.	None
CONTAINER_VENDOR	Container Object Vendor	varchar	Vendor of the container object	None

STS_NASCONTAINER

This view provides information about NAS servers and their attributes

**Related
StorageScope
Repository views**

- ◆ [“SRMNASServer” on page 570](#)
- ◆ [“SRMNASServerMetrics” on page 572](#)

Table 65 STS_NASCONTAINER (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	File Server ID	number(38)	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar2(64)	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar2(128)	User-defined or system-assigned name of the file server	NASServerAlias
ST_PRODUCT	Product	varchar2(64)	Product	NASServerProduct
ST_MODEL	File Server Model	varchar2(20)	File server model	NASServerModel
ST_VENDOR	File Server Vendor	varchar2(64)	File server vendor	NASServerVendor
NC_OSVERSION	OS Version	varchar2(32)	Operating system version	NASServerOSVersion
NC_TOTAL	File Server - Allocated (GB)	number(10,2)	Total capacity allocated to file server(s)	NASServerTotal
NC_LASTCONFIGUPDATE	Data Mover Last Config Date	date	Date that data mover was last configured	DataMoverLastConfigDate
NC_FSTOTAL	NAS File System - Total (GB)	number	Total NAS file system capacity which includes both mounted and unmounted file systems	NASServerFSTotal
NC_FSUSED	NAS File System - Used (GB)	number	Used NAS file system capacity	NASServerFSUsed
NC_FSFREE	NAS File System - Free (GB)	number	Available NAS file system capacity	NASServerFSFree
NC_SNAPSHOT_TOTAL	Snapshot - Total (GB)	number	Total snapshot capacity	NASServerSnapshotTotal
NC_SNAPSHOT_USED	Snapshot - Used (GB)	number	Used snapshot capacity	NASServerSnapshotUsed
NC_SNAPSHOT_FREE	Snapshot - Free (GB)	number	Available snapshot capacity	NASServerSnapshotFree

Table 65 STS_NASCONTAINER (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_SERVERCOUNT	# Data Movers	number	Number of data movers	NASServerDataMoverCount
NC_ACTIVE_SERVERCOUNT	# Active Data Movers	number	Number of active data movers	NASServerActiveDMCount
NC_STANDBY_SERVERCOUNT	# Standby Data Movers	number	Number of standby data movers	NASServerStandbyDMCount
NC_NSFSCOUNT	# NAS File Systems	number	Number of NAS file systems	NASServerFSCount
NC_LASTDISCOVERYTIME	Last Discovered	date	Date and time an agent last collected data about the object	None
GRP_LIST	Group List	varchar2(4000)	Group list	None
NASCONCUSTOMFIELD1	NAS File Server Custom Field 1	varchar2(64)	NAS File Server Custom Field 1	UDF1
NASCONCUSTOMFIELD2	NAS File Server Custom Field 2	varchar2(64)	NAS File Server Custom Field 2	UDF2
NASCONCUSTOMFIELD3	NAS File Server Custom Field 3	varchar2(64)	NAS File Server Custom Field 3	UDF3
NASCONCUSTOMFIELD4	NAS File Server Custom Field 4	varchar2(64)	NAS File Server Custom Field 4	UDF4
NASCONCUSTOMFIELD5	NAS File Server Custom Field 5	varchar2(64)	NAS File Server Custom Field 5	UDF5
NASCONCUSTOMFIELD6	NAS File Server Custom Field 6	varchar2(64)	NAS File Server Custom Field 6	UDF6
NASCONCUSTOMFIELD7	NAS File Server Custom Field 7	varchar2(64)	NAS File Server Custom Field 7	UDF7
NASCONCUSTOMFIELD8	NAS File Server Custom Field 8	varchar2(64)	NAS File Server Custom Field 8	UDF8
NASCONCUSTOMFIELD9	NAS File Server Custom Field 9	varchar2(64)	NAS File Server Custom Field 9	UDF9
NASCONCUSTOMFIELD10	NAS File Server Custom Field 10	varchar2(64)	NAS File Server Custom Field 10	UDF10

STS_NASCONTAINER_BY_GROUP

This view provides a list of user-defined groups (parent and subgroups) that contain NAS servers, as well as information about the file systems and data movers associated with each group.

Related
StorageScope
Repository
tablesRepository
tables

“SRMNASSrvByGroupMetrics” on page 601

Table 66 STS_NASCONTAINER_BY_GROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_NCCOUNT	# File Servers	numeric	Number of NAS file servers in group and subgroups	None
NC_TOTAL	File Server - Allocated (GB)	capacity	Total capacity allocated to file server(s)	NASSERVERTOTAL
NC_FSTOTAL	NAS File System - Total (GB)	capacity	Total NAS file system capacity which includes both mounted and unmounted file systems	NASServerFSTotal
NC_FSUSED	NAS File System - Used (GB)	capacity	Used NAS file system capacity	NASServerFSUsed
NC_FSFREE	NAS File System - Free (GB)	capacity	Available NAS file system capacity	NASServerFSFree

Table 66 STS_NASCONTAINER_BY_GROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_SNAPSHOT_TOTAL	Snapshot - Total (GB)	capacity	Total snapshot capacity	NASServerSnapshotTotal
NC_SNAPSHOT_USED	Snapshot - Used (GB)	capacity	Used snapshot capacity	NASServerSnapshotUsed
NC_SNAPSHOT_FREE	Snapshot - Free (GB)	capacity	Available snapshot capacity	NASServerSnapshotFree
NC_SERVERCOUNT	# Data Movers	numeric	Number of data movers	NASServerDataMoverCount
NC_ACTIVE_SERVERCOUNT	# Active Data Movers	numeric	Number of active data movers	NASServerActiveDMCount
NC_STANDBY_SERVERCOUNT	# Standby Data Movers	numeric	Number of standby data movers	NASServerStandbyDMCount
NC_NSFCOUNT	# NAS File Systems	numeric	Number of NAS file systems	NASServerFSCount

STS_NASCONTAINER_IPINTERFACE

This view provides information about the IP interfaces in each NAS server.

**Related
StorageScope
Repository tables**

[“SRMNASIPInterface” on page 596](#)

Table 67 STS_NASCONTAINER_IPINTERFACE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_NAME	Data Mover Name	varchar	Data mover name	NASDataMoverName
NS_ALIAS	Data Mover	varchar	User-defined or system-assigned data mover name	NASDataMoverAlias
NS_ONSTANDBY	Status	varchar	Indicates whether the data mover is active or on standby	NASDataMoverStatus
NS_MEMORYSIZE	Memory Size (GB)	numeric	Memory size	NASDMMemory
NS_SLOT	Slot	numeric	Location of data mover in NAS file server	NASDMSlot
NS_ALLOCATED	Allocated - Total (GB)	capacity	Total capacity allocated to data mover	NASDMAAllocatedTotal
NS_FSCOUNT	# File Systems	numeric	Number of file systems on mount points	None
NS_FSTOTAL	NAS File System - Total (GB)	capacity	Total NAS file system capacity	NASDMFSTotal

Table 67 STS_NASCONTAINER_IPINTERFACE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NS_FSUSED	NAS File System - Used (GB)	capacity	Used NAS file system capacity	NASDMFSUsed
NSIP_ADDRESS	IP Address	varchar	IP address	NASIPAddress
NSIP_NAME	IP Interface Name	varchar	IP interface name	NASIPName
NSIP_SUBNETMASK	Subnet Mask	varchar	Subnet mask	NASIPSubNetMask
NSIP_MACADDRESS	MAC Address	varchar	MAC Address of network adapter	NASIPMacAddress
NSIP_PORTNUMBER	Port No.	varchar	Port number	NASIPPortNumber
NSIP_TYPE	Type	varchar	Type of IP interface	NASIPType
NSIP_MTU	MTU	numeric	Maximum Transmission Unit size of port. It is the maximum amount of data that can be transferred in one physical frame on that network.	NASIPMTU
NSIP_STATE	State	numeric	Indicates if the network port is active or non-active	NASIPState
NSIP_BROADCAST	IP Broadcast	varchar	IP broadcast used to broadcast packets to all hosts on a network	NASIPBroadcast

STS_NASCONTAINER_NASDEVICE

This view provides information about the storage devices that each NAS server can access.

**Related
StorageScope
Repository tables**

[“SRMNASDevice” on page 598](#)

Table 68 STS_NASCONTAINER_NASDEVICE (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	NAS Server ID	id	Internal ControlCenter Repository identifier for NAS server	NASServerKey; NASServerID
NC_SN	NAS Server S/N	varchar	NAS server serial number	NASServerSerialNumber
NC_ALIAS	NAS Server	varchar	User-defined or system-assigned name of the NAS server	NASServerAlias
CNTLSTN_ID	Control Station ID	id	Internal ControlCenter Repository identifier for control station	CtrStationID
CNTLSTN_NAME	Control Station Name	varchar	System-assigned name of the control station for NAS fserver	CtrStationName
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_NAME	Data Mover Name	varchar	Data mover name	NASDataMoverName
HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	None
HD_NAME	NAS Device	varchar	NAS device name	NASDeviceName
HD_SN	NAS Device Number	varchar	For Network Appliance servers, this is the storage device serial number. For Celerra servers, this is the internal Celerra device number.	NASDeviceSerialNumber
HD_TOTAL	Host Device Capacity (GB)	capacity	Total host device capacity	NASDeviceTotal

Table 68 STS_NASCONTAINER_NASDEVICE (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	ArrayDeviceKey
SD_NAME	Array Device Name	varchar	Array device name	ArrayDeviceName
SD_ALIAS	Array Device	varchar	User-defined array device name. If there is no user-defined array device name, the column will show name used by the array to identify the device.	ArrayDeviceAlias
ST_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	ArrayKey
ST_SN	Array S/N	varchar	Array serial number	ArraySerialNumber
ST_ALIAS	Array	varchar	User-defined or system-assigned name for the array	ArrayAlias
SD_TYPE	Array Device Type	varchar	Array device type	ArrayDeviceType
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
ADAPTER_NUMBER	Adapter No.	numeric	Number of the HBA, switch, or array adapter	ADAPTERNUMBER
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	PortID
PORT_NUMBER	Port No.	varchar	Port number (host, switch, or NAS storage device)	PortNumber
ADPORT_ALIAS	Port Name	varchar	User-defined or system-assigned name for the port	PortAlias
NASCONDEVCUSTOMFIELD1	NAS Storage Device Custom Field 1	varchar	NAS Storage Device Custom Field 1	UDF1
NASCONDEVCUSTOMFIELD2	NAS Storage Device Custom Field 2	varchar	NAS Storage Device Custom Field 2	UDF2
NASCONDEVCUSTOMFIELD3	NAS Storage Device Custom Field 3	varchar	NAS Storage Device Custom Field 3	UDF3

Table 68 STS_NASCONTAINER_NASDEVICE (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NASCONDEVCUSTOMFIELD4	NAS Storage Device Custom Field 4	varchar	NAS Storage Device Custom Field 4	UDF4
NASCONDEVCUSTOMFIELD5	NAS Storage Device Custom Field 5	varchar	NAS Storage Device Custom Field 5	UDF5
NASCONDEVCUSTOMFIELD6	NAS Storage Device Custom Field 6	varchar	NAS Storage Device Custom Field 6	UDF6
NASCONDEVCUSTOMFIELD7	NAS Storage Device Custom Field 7	varchar	NAS Storage Device Custom Field 7	UDF7
NASCONDEVCUSTOMFIELD8	NAS Storage Device Custom Field 8	varchar	NAS Storage Device Custom Field 8	UDF8
NASCONDEVCUSTOMFIELD9	NAS Storage Device Custom Field 9	varchar	NAS Storage Device Custom Field 9	UDF9
NASCONDEVCUSTOMFIELD10	NAS Storage Device Custom Field 10	varchar	NAS Storage Device Custom Field 10	UDF10

STS_NASCONTAINER_NASSERVER

This view provides information about each data mover on each NAS server.

**Related
StorageScope
Repository tables**

- ◆ [“SRMNASDataMover” on page 578](#)
- ◆ [“SRMNASDataMoverMetrics” on page 580](#)

Table 69 STS_NASCONTAINER_NASSERVER (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_NAME	Data Mover Name	varchar	Data mover name	NASDataMoverName
NS_ALIAS	Data Mover	varchar	User-defined or system-assigned data mover name	NASDataMoverAlias
NS_ONSTANDBY	Status	varchar	Indicates whether the data mover is active or on standby	NASDataMoverStatus
NS_MEMORYSIZE	Memory Size (GB)	numeric	Memory size	NASDMMemory
NS_SLOT	Slot	numeric	Location of data mover in NAS file server	NASDMSlot
NS_ALLOCATED	Allocated - Total (GB)	capacity	Total capacity allocated to data mover	NASDMAAllocatedTotal
NS_IPINTERFACECOUNT	# IP Interfaces	numeric	Number of IP interfaces for data mover	NASDMIPIInterfaceCount
NS_FILESYSTEMCOUNT	# NAS File Systems	numeric	Number of NAS file systems on mount points	NASDMFSCount
NS_FSTOTAL	NAS File System - Total (GB)	capacity	Total NAS file system capacity	NASDMFSTotal

Table 69 STS_NASCONTAINER_NASSERVER (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NS_FSUSED	NAS File System - Used (GB)	capacity	Used NAS file system capacity	NASDMFSUsed
NS_FSFREE	NAS File System - Free (GB)	capacity	Available NAS file system capacity	NASDMFSFree
NASCONSRVCUSTOMFIELD1	NAS Data Movers Custom Field 1	varchar	NAS Data Movers Custom Field 1	UDF1
NASCONSRVCUSTOMFIELD2	NAS Data Movers Custom Field 2	varchar	NAS Data Movers Custom Field 2	UDF2
NASCONSRVCUSTOMFIELD3	NAS Data Movers Custom Field 3	varchar	NAS Data Movers Custom Field 3	UDF3
NASCONSRVCUSTOMFIELD4	NAS Data Movers Custom Field 4	varchar	NAS Data Movers Custom Field 4	UDF4
NASCONSRVCUSTOMFIELD5	NAS Data Movers Custom Field 5	varchar	NAS Data Movers Custom Field 5	UDF5
NASCONSRVCUSTOMFIELD6	NAS Data Movers Custom Field 6	varchar	NAS Data Movers Custom Field 6	UDF6
NASCONSRVCUSTOMFIELD7	NAS Data Movers Custom Field 7	varchar	NAS Data Movers Custom Field 7	UDF7
NASCONSRVCUSTOMFIELD8	NAS Data Movers Custom Field 8	varchar	NAS Data Movers Custom Field 8	UDF8
NASCONSRVCUSTOMFIELD9	NAS Data Movers Custom Field 9	varchar	NAS Data Movers Custom Field 9	UDF9
NASCONSRVCUSTOMFIELD10	NAS Data Movers Custom Field 10	varchar	NAS Data Movers Custom Field 10	UDF10

STS_NASFS

This view provides information about NAS file systems and their attributes.

Related StorageScope Repository tables

- ◆ [“SRMNASFS” on page 586](#)
- ◆ [“SRMNASFSMetrics” on page 588](#)

Table 70 STS_NASFS (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	File Server ID	number(38)	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar2(64)	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar2(128)	User-defined or system-assigned name of the file server	NASServerAlias
CNTLSTN_ID	Control Station ID	number(38)	Internal ControlCenter Repository identifier for control station	CtrStationID
CNTLSTN_NAME	Control Station Name	varchar2(255)	System-assigned name of the control station for NAS file server	CtrStationName
FS_ID	File System ID	number(38)	Internal ControlCenter Repository identifier for file system	NASFSID
FS_NAME	NAS File System Name	varchar2(512)	NAS file system name	NASFSName
FS_ALIAS	NAS File System	varchar2(512)	User-defined or system-assigned name for the NAS file system	NASFSAlias
FS_TYPE	Type	varchar2(32)	File system type	NASFSType
NSFS_WRITEABLE	Writable?	varchar2(3)	Indicates whether a file system can be written to	Writable
NSFS_TOTAL	NAS File System - Total (GB)	number	Total NAS file system capacity	None
NSFS_USED	NAS File System - Used (GB)	number	Used NAS file system capacity	NASFSUsed

Table 70 STS_NASFS (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NSFS_FREE	NAS File System - Free (GB)	number	Available NAS file system capacity	NASFSFree
NSFS_TOTALINODES	# Inodes - Total	number(38)	Total number of Inodes	NASFSTotalInodes
NSFS_FREEINODES	# Inodes - Free	number(38)	Number of available Inodes	NASFSFreeInodes
NSFS_USEDINODES	# Inodes - Used	number	Number of used Inodes	NASFSUsedInodes
NSFS_IDENTIFIER	NAS File System Identifier	varchar2(32)	NAS file system identifier	NASFSIdentifier
NSFS_BACKTYPE	Snapshot Type	varchar2(32)	Snapshot type	SnapshotType
NSFS_BACKUPOF	Source File System	varchar2(512)	Source file system	SnapshotSourceFS
NSFS_BACKUPDATE	Snapshot Date	date	Snapshot date	SnapshotDate
NSFS_SNAPSHOT_TOTAL	Snapshot - Total (GB)	number	Sum of all snapshot file systems	NASFSSnapshotTotal
NSFS_SNAPSHOT_USED	Snapshot - Used (GB)	number	Used snapshot capacity	NASFSSnapshotUsed
GRP_LIST	Group List	varchar2(4000)	Group list	None
NASFSCUSTOMFIELD1	NAS File System Custom Field 1	varchar2(64)	NAS File System Custom Field 1	UDF1
NASFSCUSTOMFIELD2	NAS File System Custom Field 2	varchar2(64)	NAS File System Custom Field 2	UDF2
NASFSCUSTOMFIELD3	NAS File System Custom Field 3	varchar2(64)	NAS File System Custom Field 3	UDF3
NASFSCUSTOMFIELD4	NAS File System Custom Field 4	varchar2(64)	NAS File System Custom Field 4	UDF4
NASFSCUSTOMFIELD5	NAS File System Custom Field 5	varchar2(64)	NAS File System Custom Field 5	UDF5
NASFSCUSTOMFIELD6	NAS File System Custom Field 6	varchar2(64)	NAS File System Custom Field 6	UDF6
NASFSCUSTOMFIELD7	NAS File System Custom Field 7	varchar2(64)	NAS File System Custom Field 7	UDF7

Table 70 STS_NASFS (3 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NASFSCUSTOMFIELD8	NAS File System Custom Field 8	varchar2(64)	NAS File System Custom Field 8	UDF8
NASFSCUSTOMFIELD9	NAS File System Custom Field 9	varchar2(64)	NAS File System Custom Field 9	UDF9
NASFSCUSTOMFIELD10	NAS File System Custom Field 10	varchar2(64)	NAS File System Custom Field 10	UDF10

STS_NASFS_BY_GROUP

This view provides a list of user-defined groups (parent and subgroups) that contain NAS file systems and capacity details for each group.

Related
StorageScope
Repository tables

[“SRMNASFSByGroupMetrics” on page 603](#)

Table 71 STS_NASFS_BY_GROUP (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_NASFSCOUNT	# NAS File Systems	numeric	Number of NAS file systems in group and subgroups	None
NSFS_TOTAL	NAS File System - Total (GB)	capacity	Total NAS file system capacity	NASFSTotal
NSFS_USED	NAS File System - Used (GB)	capacity	Used NAS file system capacity	NASFSUsed
NSFS_FREE	NAS File System - Free (GB)	capacity	Available NAS file system capacity	NASFSFree
NSFS_SNAPSHOT_TOTAL	Snapshot - Total (GB)	capacity	Sum of all snapshot file systems	NASFSSnapshotTotal
NSFS_SNAPSHOT_USED	Snapshot - Used (GB)	capacity	Used snapshot capacity	NASFSSnapshotUsed

Table 71 STS_NASFS_BY_GROUP (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NSFS_TOTALINODES	# Inodes - Total	numeric	Total number of Inodes	NASFSTotalInodes
NSFS_FREEINODES	# Inodes - Free	numeric	Number of available Inodes	NASFSFreeInodes
NSFS_USEDINODES	# Inodes - Used	numeric	Number of used Inodes	NSFS_USEDINODES

STS_NASFS_EXPORT

This view provides information about NAS file system exports.

**Related
StorageScope
Repository tables**

[“SRMNASFSExport” on page 597](#)

Table 72 STS_NASFS_EXPORT

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	NASFSID
FS_NAME	NAS File System Name	varchar	NAS file system name	NASFSName
FS_ALIAS	File System	varchar	User-defined name for the file system	NASFSAlias
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_ALIAS	Data Mover	varchar	User-defined or system-assigned data mover name	NASDataMoverAlias
EXP_PATH	Export Path	varchar	Export path to access the file system	ExportPath
EXP_TYPE	Type	varchar	Type of export	ExportType
EXP_NAME	Export Name	varchar	Export name used to access the file system	ExportName
EXP_OPTIONS	Options	varchar	Export options	ExportOptions

STS_NASFS_MOUNTPOINT

This view provides information about NAS file system mount points.

**Related
StorageScope
Repository tables**

[“SRMNASFSMountPoint” on page 600](#)

Table 73 STS_NASFS_MOUNTPOINT

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_NAME	Data Mover Name	varchar	Data mover name	NASDataMoverName
NS_ALIAS	Data Mover	varchar	User-defined or system-assigned data mover name	NASDataMoverAlias
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	NASFSID
FS_NAME	NAS File System Name	varchar	NAS file system name	NASFSName
FS_ALIAS	File System	varchar	User-defined name for the file system	NASFSAlias
FS_MOUNTPOINT_NAME	Mount Point Name	varchar	File system mount point name	NASFSMountPointName

STS_NASFS_NASSERVER

This view provides information about the file systems mounted on each data mover.

**Related
StorageScope
Repository tables**

[“SRMNASFSDataMover” on page 595](#)

Table 74 STS_NASFS_NASSERVER

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	NASFSID
FS_NAME	NAS File System Name	varchar	NAS file system name	NASFSName
FS_ALIAS	File System	varchar	User-defined name for the file system	NASFSAlias
NC_ID	File Server ID	id	Internal ControlCenter Repository identifier for file server	NASServerKey; NASServerID
NC_SN	File Server S/N	varchar	File server serial number	NASServerSerialNumber
NC_ALIAS	File Server	varchar	User-defined or system-assigned name of the file server	NASServerAlias
NS_ID	Data Mover ID	id	Internal ControlCenter Repository identifier for data mover	NASDataMoverID
NS_NAME	Data Mover Name	varchar	Data mover name	NASDataMoverName
NS_ALIAS	Data Mover	varchar	User-defined or system-assigned data mover name	NASDataMoverAlias
NS_ONSTANDBY	Status	varchar	Indicates whether the data mover is active or on standby	NASDataMoverStatus
NSFS_TOTAL	Data Mover File System - Total (GB)	capacity	Total NAS file system capacity on the data mover	NASFSTotal
NSFS_USED	Data Mover File System - Used (GB)	capacity	Used NAS file system capacity on the data mover	NASFSUsed
NSFS_FREE	Data Mover File System - Free (GB)	capacity	Available NAS file system capacity on the data mover	NASFSFree

STS_STORAGEPOOL

This view shows details about all defined array storage pools. A storage pool is a grouping hierarchy for storage devices. A storage pool can contain storage devices or other pools (subpools), but not both.

**Related
StorageScope
Repository tables**

- ◆ [“SRMStoragePool” on page 297](#)
- ◆ [“SRMStoragePoolMetrics” on page 299](#)

Table 75 STS_STORAGEPOOL

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_POOL_PARENT_ID	Parent Pool ID	id	Internal ControlCenter Repository identifier for parent pool	StoragePoolParentKey
ST_POOL_PARENT_NAME	Parent Pool Name	varchar	Parent pool name	None
ST_POOL_ID	Storage Pool ID	id	Internal ControlCenter Repository identifier for storage pool	StoragePoolKey; StoragePoolID
ST_POOL_NAME	Storage Pool Name	varchar	Storage pool name	StoragePoolName
ST_POOL_SUBPOOLCOUNT	# SubPools	numeric	Number of subpools	SubPoolCount
ST_POOL_CONFIGURED	Pool - Total (GB)	capacity	Total pool capacity	StoragePoolConfigured
ST_POOL_ALLOCATED	Pool - Allocated (GB)	capacity	Total capacity in pool that is allocated to hosts	StoragePoolAllocated
ST_POOL_DEVCOUNT	# Storage Devices	numeric	Number of storage devices	StoragePoolDevCount

STS_SWITCH

This view provides a list of switches and their attributes.

**Related
StorageScope
Repository tables**

- ◆ [“SRMSwitch” on page 330](#)
- ◆ [“SRMSwitchMetrics” on page 333](#)

Table 76 STS_SWITCH (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Switch ID	number(38)	Internal ControlCenter Repository identifier for switch	SwitchID
ST_SN	Switch WWN	varchar2(255)	Switch WWN	SwitchSerialNumber
ST_ALIAS	Switch	varchar2(255)	User-defined or system-assigned name for the switch	SwitchAlias
ST_MODEL	Switch Model	varchar2(20)	Switch model	SwitchModel
ST_VERSION	Firmware Revision	varchar2(257)	Firmware revision	SwitchVersion
ST_VENDOR	Switch Vendor	varchar2(64)	Switch vendor	SwitchVendor
FB_WWN	Fabric WWN	varchar2(64)	World Wide Name (WWN) of the fabric. This is the WWN of the principal logical switch in the fabric or VSAN.	FabricWWN
SW_PRINCIPAL	Principal?	varchar2(14)	Indicates if the switch is the principal switch in the fabric	IsPrincipal
SW_ZONINGENABLED	Zoning Enabled?	varchar2(14)	Indicates if zoning is enabled for the switch	IsZoningEnabled
SW_MANAGEMENTURL	IP Address	varchar2(255)	IP address of the switch management interface	SwitchManagementURL
SW_DOMAIN	Domain	varchar2(64)	Identifier for the domain to which the switch belongs	Domain
SW_PORTCOUNT	# Switch Ports	number	Number of switch ports	SWPortCount
SW_PORTCOUNT_STARRAY	# Ports to Storage	number	Number of switch ports connected to storage arrays	SWArrayConnPortCount
SW_PORTCOUNT_SWITCH	# ISL Ports	number	Number of inter-switch links	SWISLPortCount

Table 76 STS_SWITCH (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
SW_PORTCOUNT_HBAS	# Ports to Hosts/HBAs	number	Number of switch ports connected to hosts/HBAs	SWHBAConnPortCount
SW_PORTCOUNT_UNKNOWN	# Ports to Unidentified	number	Number of switch ports connected to unidentified ports	SWUnknownConnPortCount
SW_PORTCOUNT_FREE	# Free Ports	number	Number of free switch ports	SWFreePortCount
GRP_LIST	Group List	varchar2(4000)	Group list	None
SW_FABRICCOUNT	# Fabrics	number	Number of fabrics in which the switch participates	FabricCount
SWITCHCUSTOMFIELD1	Connectivity Custom Field 1	varchar2(64)	Connectivity Custom Field 1	UDF1
SWITCHCUSTOMFIELD2	Connectivity Custom Field 2	varchar2(64)	Connectivity Custom Field 2	UDF2
SWITCHCUSTOMFIELD3	Connectivity Custom Field 3	varchar2(64)	Connectivity Custom Field 3	UDF3
SWITCHCUSTOMFIELD4	Connectivity Custom Field 4	varchar2(64)	Connectivity Custom Field 4	UDF4
SWITCHCUSTOMFIELD5	Connectivity Custom Field 5	varchar2(64)	Connectivity Custom Field 5	UDF5
SWITCHCUSTOMFIELD6	Connectivity Custom Field 6	varchar2(64)	Connectivity Custom Field 6	UDF6
SWITCHCUSTOMFIELD7	Connectivity Custom Field 7	varchar2(64)	Connectivity Custom Field 7	UDF7
SWITCHCUSTOMFIELD8	Connectivity Custom Field 8	varchar2(64)	Connectivity Custom Field 8	UDF8
SWITCHCUSTOMFIELD9	Connectivity Custom Field 9	varchar2(64)	Connectivity Custom Field 9	UDF9
SWITCHCUSTOMFIELD10	Connectivity Custom Field 10	varchar2(64)	Connectivity Custom Field 10	UDF10

STS_SWITCH_BY_GROUP

This view provides a list of user-defined groups (parent and subgroups) that contain switches and the switches that belong to each group.

**Related
StorageScope
Repository tables**

[“SRMSwitchByGroupMetrics” on page 358](#)

Table 77 STS_SWITCH_BY_GROUP

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
GRP_ID	ID	id	Internal ControlCenter Repository identifier for group or for individual managed object. ID for All Groups group is always -99999.	GroupKey
GRP_NAME	Group Name	varchar	Name of group	None
GRP_PARENT_ID	Parent Group ID	id	Internal ControlCenter Repository identifier for parent group. Always blank for the All Groups group. If All Groups is the parent group, the parent group ID is -99999.	None
GRP_PARENT_PATH	Parent Group Path	varchar	Parent group path	None
GRP_SUBGRPCOUNT	# Subgroups	numeric	Number of subgroups in group	SubGroupCount
GRP_SWCOUNT	# Switches	numeric	Number of switches in group and subgroups	SwitchCount
SW_PORTCOUNT	# Switch Ports	numeric	Number of switch ports	SWPortCount
SW_PORTCOUNT_STARRAY	# Ports to Storage	numeric	Number of switch ports connected to storage arrays	SWArrayConnPortCount
SW_PORTCOUNT_SWITCH	# ISL Ports	numeric	Number of inter-switch links	SWISLPortCount
SW_PORTCOUNT_HBAS	# Ports to Hosts/HBAs	numeric	Number of switch ports connected to hosts/HBAs	SWHBACnnPortCount
SW_PORTCOUNT_UNKNOWN	# Ports to Unidentified	numeric	Number of switch ports connected to unidentified ports	SWUnknownConnPortCount

STS_SWITCH_FABRICS

This view provides detailed information about fabrics. For Cisco switches, the fabrics that are reported are the VSANs defined on the physical switches. For all other switches (for example, Brocade and McData), the physical fabrics are reported. In the view, no distinction is made between VSANs and physical fabrics except that Not Applic. will appear in the VSAN ID column for a non-Cisco fabric.

Related StorageScope Repository tables

- ◆ [“SRMSwitchFabrics” on page 344](#)
- ◆ [“SRMSwitchFabricsMetrics” on page 347](#)

Table 78 STS_SWITCH_FABRICS (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FB_ID	Fabric ID	id	Internal ControlCenter Repository identifier for the fabric	FabricKey
FB_ALIASNAME	Fabric	varchar	User-defined or system-assigned name for the fabric	FabricAlias
FB_WWN	Fabric WWN	varchar	World Wide Name (WWN) of the fabric. This is the WWN of the principal logical switch in the fabric or VSAN.	FabricWWN
FB_ACTIVEZONESET_ID	Active Zone Set ID	id	Internal ControlCenter Repository identifier for the active zone set	ActiveZoneSetKey
FB_ACTIVEZONESET_NAME	Active Zone Set	varchar	Name of the active zone set for the fabric	ActiveZoneSetName
FB_INTEROPMODE	Interop?	varchar	Indicates whether the switches in the fabric are from multiple vendors (Yes) or the same vendor (No)	InterOp
FB_DEFAULTZONESTATE	Default Zone State	varchar	Default zone state for the fabric	DefaultZoneState
FB_SWITCHCOUNT	# Switches	numeric	Number of switches in the fabric	FBSwitchCount
FB_PORTCOUNT	# Switch Ports	numeric	Number of switch ports in the fabric	FBPortCount

Table 78 STS_SWITCH_FABRICS (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
FB_STORAGEPORTCOUNT	# Ports to Storage	numeric	Number of fabric ports connected to storage arrays	FBArrayPortCount
FB_HOSTPORTCOUNT	# Ports to Hosts/HBAs	numeric	Number of fabric ports connected to hosts/HBAs	FBHostPortCount
FB_ISLCOUNT	# ISL Ports	numeric	Number of inter-switch links in the fabric	FBISLCount
FB_UNIDENTIFIEDCOUNT	# Ports to Unidentified	numeric	Number of fabric ports connected to unidentified ports	FBUnknownPortCount
FB_FREEPORTCOUNT	# Free Ports	numeric	Number of free ports in the fabric	FBFreePortCount
FB_VSANID	VSAN ID	varchar	User-assigned identifier for a Cisco VSAN or Not Applic. when not a Cisco VSAN	FBVSANID
FB_LASTDISCOVERYTIME	Last Discovered	date	Date and time an agent last collected data about the object	None
SWITCHFABRICCUSTOMFIELD1	Switch Fabrics Custom Field 1	varchar	Switch Fabrics Custom Field 1	UDF1
SWITCHFABRICCUSTOMFIELD2	Switch Fabrics Custom Field 2	varchar	Switch Fabrics Custom Field 2	UDF2
SWITCHFABRICCUSTOMFIELD3	Switch Fabrics Custom Field 3	varchar	Switch Fabrics Custom Field 3	UDF3
SWITCHFABRICCUSTOMFIELD4	Switch Fabrics Custom Field 4	varchar	Switch Fabrics Custom Field 4	UDF4
SWITCHFABRICCUSTOMFIELD5	Switch Fabrics Custom Field 5	varchar	Switch Fabrics Custom Field 5	UDF5
SWITCHFABRICCUSTOMFIELD6	Switch Fabrics Custom Field 6	varchar	Switch Fabrics Custom Field 6	UDF6
SWITCHFABRICCUSTOMFIELD7	Switch Fabrics Custom Field 7	varchar	Switch Fabrics Custom Field 7	UDF7
SWITCHFABRICCUSTOMFIELD8	Switch Fabrics Custom Field 8	varchar	Switch Fabrics Custom Field 8	UDF8
SWITCHFABRICCUSTOMFIELD9	Switch Fabrics Custom Field 9	varchar	Switch Fabrics Custom Field 9	UDF9
SWITCHFABRICCUSTOMFIELD10	Switch Fabrics Custom Field 10	varchar	Switch Fabrics Custom Field 10	UDF10

STS_SWITCH_PORT

This view identifies each switch port and provides details about its configuration and the nodes to which it is connected.

**Related
StorageScope
Repository tables**

[“SRMSwitchPort” on page 338](#)

Table 79 STS_SWITCH_PORT (1 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Switch ID	id	Internal ControlCenter Repository identifier for switch	SwitchKey
ST_SN	Switch WWN	varchar	Switch WWN	SwitchSerialNumber
ST_ALIAS	Switch	varchar	User-defined or system-assigned name for the switch	SwitchAlias
SW_MANAGEMENTURL	IP Address	varchar	IP address of the switch management interface	SwitchIPAddress
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
ADAPTER_NUMBER	Adapter No.	numeric	Number of the HBA, switch, or array adapter	ADAPTERNUMBER
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	PortID
PORT_NUMBER	Switch Port No.	varchar	Port number (host, switch, or NAS storage device)	PortNumber
PORT_TYPE	Port Type	varchar	Port type	PortType
ADPORT_ALIAS	Switch Adapter Port Name	varchar	User-defined or system-assigned name for the switch port	PortAlias
PORT_WWN	Port WWN	varchar	Port WWN. N/A if iSCSI port.	PortWWN
PORT_STATUS	Port Status	varchar	Status of the switch port	PortStatus

Table 79 STS_SWITCH_PORT (2 of 3)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
CONN_ST_ID	Connected Node ID	id	Internal ControlCenter Repository identifier for the connected node	ConnMOID
CONN_ST_SN	Connected Node S/N	varchar	Connected node serial number	ConnMOSerialNumber
CONN_ST_ALIAS	Connected Node	varchar	User-defined or system-assigned name for the connected node	ConnMOAlias
CONN_ST_TYPE	Connected Node Type	varchar	Connected node type	ConnMOType
CONN_AD_ID	Connected Adapter ID	id	Internal ControlCenter Repository identifier for connected adapter	ConnAdapterID
CONN_AD_NAME	Connected Adapter Name	varchar	System-assigned name of the connected adapter	ConnAdapterName
CONN_ADAPTER_NUMBER	Connected Adapter No.	number	Number of the connected adapter	None
CONN_PORT_ID	Connected Port ID	id	Internal ControlCenter Repository identifier for connected port	ConnPortID
CONN_PORT_NUMBER	Connected Port No.	varchar	Connected port number	ConnPortNumber
CONN_ADPORT_ALIAS	Connected Port	varchar	User-defined or system-assigned name for the connected port	ConnPortAlias
CONN_PORT_MEDIUM_ID	Connected Medium ID	id	Internal ControlCenter Repository identifier for connected medium	ConnPortMediumID
CONN_PORT_WWN	Connected Port WWN	varchar	Connected port WWN	ConnPortWWN
CONN_PORT_VENDOR	Connected Port Vendor	varchar	Vendor of the connected port	ConnPortVendor
LINK_STATE	Link State	varchar	State of the link	LinkState
SWITCHPORTCUSTOMFIELD1	Switch Port Custom Field 1	varchar	Switch Port Custom Field 1	UDF1
SWITCHPORTCUSTOMFIELD2	Switch Port Custom Field 2	varchar	Switch Port Custom Field 2	UDF2
SWITCHPORTCUSTOMFIELD3	Switch Port Custom Field 3	varchar	Switch Port Custom Field 3	UDF3

Table 79 STS_SWITCH_PORT (3 of 3)

Column Name	Label	Datatype	Description	StoeageScope Repository Equivalent
SWITCHPORTCUSTOMFIELD4	Switch Port Custom Field 4	varchar	Switch Port Custom Field 4	UDF4
SWITCHPORTCUSTOMFIELD5	Switch Port Custom Field 5	varchar	Switch Port Custom Field 5	UDF5
SWITCHPORTCUSTOMFIELD6	Switch Port Custom Field 6	varchar	Switch Port Custom Field 6	UDF6
SWITCHPORTCUSTOMFIELD7	Switch Port Custom Field 7	varchar	Switch Port Custom Field 7	UDF7
SWITCHPORTCUSTOMFIELD8	Switch Port Custom Field 8	varchar	Switch Port Custom Field 8	UDF8
SWITCHPORTCUSTOMFIELD9	Switch Port Custom Field 9	varchar	Switch Port Custom Field 9	UDF9
SWITCHPORTCUSTOMFIELD10	Switch Port Custom Field 10	varchar	Switch Port Custom Field 10	UDF10

STS_SWITCH_PORT_TO_FABRIC

This view shows the relationship between each switch port and the fabric to which it belongs. The table contains one row per unique switch port and fabric combination.

**Related
StorageScope
Repository tables**

[“SRMSwitchPortToFabric” on page 342](#)

Table 80 STS_SWITCH_PORT_TO_FABRIC

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Switch ID	id	Internal ControlCenter Repository identifier for switch	None
ST_SN	Switch WWN	varchar	Switch WWN	SwitchSerialNumber
ST_ALIAS	Switch	varchar	User-defined or system-assigned name for the switch	SwitchAlias
AD_ID	Adapter ID	id	Internal ControlCenter Repository identifier for adapter	AdapterID
AD_NAME	Adapter Name	varchar	System-assigned name of the adapter	AdapterName
PORT_ID	Port ID	id	Internal ControlCenter Repository identifier for port	PortID
PORT_NUMBER	Switch Port No.	varchar	Port number (host, switch, or NAS storage device)	PortNumber
PORT_TYPE	Port Type	varchar	Port type	PortType
ADPORT_ALIAS	Switch Adapter Port Name	varchar	User-defined or system-assigned name for the switch port	PortAlias
FB_ID	Fabric ID	id	Internal ControlCenter Repository identifier for the fabric	FabricKey
FB_WWN	Fabric WWN	varchar	World Wide Name (WWN) of the fabric. This is the WWN of the principal logical switch in the fabric or VSAN.	FabricWWN
FB_ALIAS	Fabric	varchar	User-defined or system-assigned name for the fabric	None

STS_SWITCH_TO_FABRIC

This view shows the relationship between switches and fabrics. The table contains one row per unique combination of switch and fabric.

**Related
StorageScope
Repository tables**

[“SRMSwitchToFabric” on page 343](#)

Table 81 STS_SWITCH_TO_FABRIC

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ST_ID	Switch ID	id	Internal ControlCenter Repository identifier for switch	SwitchKey
ST_SN	Switch WWN	varchar	Switch WWN	SwitchSerialNumber
ST_ALIAS	Switch	varchar	User-defined or system-assigned name for the switch	SwitchAlias
ST_MODEL	Switch Model	varchar2(20)	Switch model	SwitchModel
ST_VENDOR	Switch Vendor	varchar2(64)	Switch vendor	SwitchVendor
ST_VERSION	Firmware Revision	varchar2(257)	Firmware revision	SwitchVersion
FB_ID	Fabric ID	id	Internal ControlCenter Repository identifier for the fabric	FabricKey
FB_WWN	Fabric WWN	varchar	World Wide Name (WWN) of the fabric. This is the WWN of the principal logical switch in the fabric or VSAN.	FabricWWN
FB_ALIAS	Fabric	varchar	User-defined or system-assigned name for the fabric	FabricAlias

STS_UDF_VALUES

This view contains the user-defined values for objects.

Related
StorageScope
Repository tables

[“SRMUDFInstance” on page 627](#)

Table 82 STS_UDF_VALUES

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
MOID	Object ID	number(38)	Internal ControlCenter Repository identifier for the object	MOKey
CUSTOMFIELD1	Custom Field 1	varchar2(64)	Custom Field 1	UDF1
CUSTOMFIELD2	Custom Field 2	varchar2(64)	Custom Field 2	UDF2
CUSTOMFIELD3	Custom Field 3	varchar2(64)	Custom Field 3	UDF3
CUSTOMFIELD4	Custom Field 4	varchar2(64)	Custom Field 4	UDF4
CUSTOMFIELD5	Custom Field 5	varchar2(64)	Custom Field 5	UDF5
CUSTOMFIELD6	Custom Field 6	varchar2(64)	Custom Field 6	UDF6
CUSTOMFIELD7	Custom Field 7	varchar2(64)	Custom Field 7	UDF7
CUSTOMFIELD8	Custom Field 8	varchar2(64)	Custom Field 8	UDF8
CUSTOMFIELD9	Custom Field 9	varchar2(64)	Custom Field 9	UDF9
CUSTOMFIELD10	Custom Field 10	varchar2(64)	Custom Field 10	UDF10

STS_UNZONED_ENDNODEPORT

This view lists end node ports that are connected to a switch, but are not in a zone set (active or inactive).

Related
StorageScope
Repository Tables

[“SRMSwitchUnZonedPort” on page 357](#)

Table 83 STS_UNZONED_ENDNODEPORT

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ENDNODE_PORT_WWN	Port WWN	varchar	WWN of the unzoned end port	EndNodePortWWN
ENDNODE_PORT_VENDORNAME	Port Vendor	varchar	Vendor of the unzoned end port	EndNodePortVendor
MO_ID				PortSystemKey
MO_NAME	Port System Name	varchar	User-defined or system-assigned name of the system on which the unzoned port resides (for example, the array name if end port is on an array)	PortSystemName
MO_TYPE	Port System Type	varchar	Type of system on which the unzoned port resides (for example, an array if end port is on an array)	PortSystemType

STS_USER_DEFINED_FIELDS_DEF

This view contains the legend for custom fields.

**Related
StorageScope
Repository tables**

[“SRMUDDFieldsMap” on page 626](#)

Table 84 STS_USER_DEFINED_FIELDS_DEF

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
COLUMNNTITLE	Column Name	varchar	Name of the column (for example, Host Custom Field 1)	None
ASSOCIATEDREPORT	Report Name	varchar	Name of the StorageScope report in which the custom field appears	None
UDFSUPPORTEDTYPEID	Supported Object Type ID	numeric	Internal ControlCenter Repository identifier for the type of object supported in the custom field	None
UDFTEMPLATEID	Custom Field ID	numeric	Internal ControlCenter Repository identifier for the custom field	None
MANAGEDOBJECTTYPE	Supported Object Type	varchar	Type of object supported in the custom field	ObjectType
UDFDEFINITIONNAME	Custom Field Name	varchar	Name of the custom field	UDFColumnName
DISPLAYNAME	Supported Object Name	varchar	Name for the custom field that is displayed in the StorageScope Console	UDFDisplayName
COLUMNINDEX	Column Index	numeric	The lookup index of the custom field	None

STS_VMFILE

This view contains configuration and capacity details for each virtual machine disk format (VMDK) file, virtual machine snapshot file, and network file system file. The table contains one row per file.

Related StorageScope Repository tables

[“SRMVMFile” on page 479](#)

Table 85 STS_VM_FILE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VMFILE_ID	VM File ID	number	Internal ControlCenter Repository identifier for the virtual machine file	VMFileKey
VMFILE_NAME	VM File Name	varchar	Name of the VMDK, VM snapshot, or network file system file	VMFileName
VMFILE_TYPE	VM File Type	varchar	Indicates if this is a VMDK, VM snapshot, or network file system file	VMFileType
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	FileSystemKey
FS_NAME	File System	varchar	User-defined name for the file system	FileSystemAlias
ESXSERVER_ID	ESX Server ID	number	Internal ControlCenter Repository identifier for the ESX Server	ESXServerKey
ESXSERVER_NAME	ESX Server Name	varchar2(128)	User-defined name (alias) or system-assigned name of the host	HostAlias
SNAPSHOT_VMGUEST_ID	VM Snapshot ID	number	Internal ControlCenter Repository identifier for the virtual machine snapshot	SnapshotVMGuestKey
SNAPSHOT_VMGUEST_NAME	VM Snapshot Name	varchar	Name of the virtual machine snapshot	None

Table 85 STS_VM_FILE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VMFILE_TOTAL	VM File Capacity(GB)	capacity	Capacity of the VMDK, VM snapshot, or network file system file	VMFileTotal
VMFILE_USED	Reserved for Future Use	capacity	Reserved for future use	VMFileUsed
VMFILE_FREE	Reserved for Future Use	capacity	Reserved for future use	VMFileFree

STS_VMGUEST_TO_STORAGE

This view shows the complete path from a virtual machine (VM) device to each array device to which it is connected. The table contains one row per unique VM guest/array device connection.

Related StorageScope Repository tables

[“SRMVMGuestToStorage” on page 481](#)

Table 86 STS_VMGUEST_TO_STORAGE (1 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
VMGUEST_ID	Virtual Machine Key	number	Internal ControlCenter Repository identifier for the virtual machine	VMGuestKey
VMGUEST_NAME	Virtual Machine Name	varchar	Name of the virtual machine	None
RESIDESON	Resides On	varchar	Indicates where the object resides	ResidesOn
FS_ID	File System ID	id	Internal ControlCenter Repository identifier for file system	FileSystemKey
FS_NAME	File System	varchar	User-defined name for the file system	FileSystemAlias
ESXSERVER_ID	ESX Server ID	number	Internal ControlCenter Repository identifier for the ESX Server	ESXServerKey
ESXSERVER_NAME	ESX Server Name	varchar2(128)	User-defined name (alias) or system-assigned name of the host	HostAlias
VMFILE_ID	VM File ID	number	Internal ControlCenter Repository identifier for the virtual machine file	VMFileKey
VMFILE_NAME	VM File Name	varchar	Name of the VMDK, VM snapshot, or network file system file	VMFileName
ESX_HD_ID	Host Device ID	id	Internal ControlCenter Repository identifier for host device	ESXHostDeviceKey
ESX_HD_NAME	Host Device Name	varchar	Internal ControlCenter Repository identifier for host device	HDName

Table 86 STS_VMGUEST_TO_STORAGE (2 of 2)

Column Name	Label	Datatype	Description	StorageScope Repository Equivalent
ARRAY_SD_ID	Array Device ID	id	Internal ControlCenter Repository identifier for array device	None
ARRAY_SD_NAME	Array Device Name	varchar	Name used by the array to identify the device	None
ARRAY_ID	Array ID	id	Internal ControlCenter Repository identifier for storage array	None
ARRAY_NAME	Array Name	varchar	Name of the storage array	None

This chapter contains detailed descriptions of each table in the StorageScope Repository. The tables are presented by the following categories:

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Prerequisites

In order to access the StorageScope Repository, you must meet complete the following prerequisite activities.

1. Install the StorageScope software. Refer to the *EMC ControlCenter 6.0 Installation and Planning Guide - Volume 1* or the *EMC ControlCenter 6.0 Upgrade Guide* for instructions for your specific environment.
2. Enable a valid base StorageScope license key.
3. To access file and folder data, enable a valid StorageScope File Level Reporting license key. For detailed information, refer to [“File level reporting requirements” on page 34](#).

SRMDate table

This table is pre-populated with date information used by the system to date entries in the tables. The table contains ten years of dates, which means there are 3650 (10*365) rows in this table. The first row in the table contains the software build date (the start date). The last row in the table is ten years from the build date (the end date).

The DateKey field contains the date stamp for the row in SRMDate. For example, if the date is January 1, 2004, the DateKey field contains 20040101.

Table 87 **SRMDate**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	PK
DateStamp	Date	Date and time stamp for this record. Always 12 midnight.	DATE	Not Key
DayName	Day	Name of the day	VARCHAR2(10)	Not Key
DayOfWeek	Day No. in Week	Number of the day within the week	NUMBER(3)	Not Key
DayOfMonth	Day No. in Month	Number of the day within the month	NUMBER(3)	Not Key
WeekNumInMonth	Week No. in Month	Number of the week in the month	NUMBER(3)	Not Key
WeekNumInYear	Week No. in Year	Number of the week within the year (1 - 52)	NUMBER(3)	Not Key
MonthNumInYear	Month No. in Year	Number of the month within the year	NUMBER(3)	Not Key
MonthName	Month	Name of the month	VARCHAR2(10)	Not Key
Quarter	Quarter	Quarter in the year	NUMBER(3)	Not Key
Year	Year	Year	NUMBER(6)	Not Key

Array tables

The following section contains the tables related to arrays.

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SRMArray

This table contains basic configuration information for each array found in the ControlCenter Repository. The table contains one row per array.

Related StorageScope API views

[“STS_ARRAY” on page 56](#)

Table 88 SRMArray (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	PK	ST_ID
ArrayID	Array ID	Internal ControlCenter Repository identifier for the array	INTEGER	Not Key	ST_ID
ArraySerialNumber	Array S/N	Serial number of the array	VARCHAR2(64)	Not Key	ST_SN
ArrayAlias	Array Name	User-defined name (alias) or system-assigned name of the array	VARCHAR2(128)	Not Key	ST_ALIAS
ArrayType	Array Type	Type of array	VARCHAR2(64)	Not Key	ST_TYPE
ArrayModel	Array Model	Array model	VARCHAR2(128)	Not Key	ST_MODEL
ArrayVendor	Array Vendor	Vendor of the array	VARCHAR2(64)	Not Key	ST_VENDOR
ArrayAgentType	Agent	Type of agent that last discovered the array	VARCHAR2(64)	Not Key	ST_AGENTTYPE
ArrayCache	Array Cache	Size of the array cache. For a CLARiiON storage system, this value is the sum of ReadCacheSize for all processors.	FLOAT	Not Key	ST_CACHE
CacheSlotCount	# Cache Slots	Number of cache slots in the array	NUMBER	Not Key	ST_CACHESLOTS

Table 88 SRMArray (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayPowerOnTime	Last Power On	Date and time the array was last powered on	DATE	Not Key	ST_POWERONTIME
ArrayMicrocode	Microcode	Version of microcode running on the array	VARCHAR2(16)	Not Key	ST_MICROCODE
MicrocodeDate	Microcode Date	Microcode release date (Symmetrix only)	DATE	Not Key	SY_MICROCODE_DATE
MicroCodePatch	Microcode Patch	Microcode patch number or level (Symmetrix only)	VARCHAR2(10)	Not Key	SY_MICROCODE_PATCH
MicroCodePatchDate	Microcode Patch Date	Microcode patch date (Symmetrix only)	DATE	Not Key	SY_MICROCODE_PATCHDATE
SymmetrixFamily	Symmetrix Family	Product family to which the Symmetrix belongs	VARCHAR2(128)	Not Key	SY_FAMILY
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	SITE_ID
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	ST_LASTDISCOVERYTIME

Table 88 SRMArray (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMArrayMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each array. The table contains one row for each day the array is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_ARRAY” on page 56](#)

Table 89 SRMArrayMetrics (1 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
ArrayRawTotal	Physical Capacity (KB)	Capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key	ST_RAW
ArrayConfigRaw	Raw Configured (KB)	Array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key	ST_CONFIG_SUM_RAW

Table 89 SRMArrayMetrics (2 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayConfigTotal	Configured (KB)	Array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_CONFIG_SUM
ArrayAllocRaw	Raw Allocated (KB)	Raw array capacity that has been configured into devices or groups, and then reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_ALLOCATED_RAW
ArrayAllocTotal	Allocated (KB)	Array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_ALLOCATED
ArrayAccTotal	Accessible (KB)	Usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key	ST_ACCESSIBLE

Table 89 SRMArrayMetrics (3 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayAccUsed	Used Accessible (KB)	Host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key	ST_ACC_USED
ArrayDeviceTotal	LUN Capacity (KB)	Usable LUN capacity on this array or the arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_DEVICE_TOTAL
ArrayUnConfigTotal	Unconfigured (KB)	Capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key	ST_UNCONFIG_SUM
ArrayLocalReplicaTotal	Local Replica (KB)	Usable local replica capacity on the arrays or arrays in the group. Does not include any protection capacity defined for the devices.	FLOAT	Not Key	ST_LOCAL_REPCAP
ArrayRemoteReplicaTotal	Remote Replica (KB)	Usable capacity of remote replica devices on the array or arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_REMOTE_REPCAP
ArraySystemResource	System Resource Capacity (KB)	Capacity reserved for use by the array for internal operations	FLOAT	Not Key	ST_SYSTEM_RESOURCE

Table 89 SRMArrayMetrics (4 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayUnAllocTotal	Unallocated (KB)	Usable configured capacity on the array or arrays in the group not yet allocated for array internal use or for host use. Does not include any capacity defined by the protection level for devices.	FLOAT	Not Key	ST_UNALLOCATED
ArrayFSTotal	FS on Array (KB)	Total capacity of file systems on the array or arrays in the group. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	ST_FS_TOTAL
ArrayFSUsed	Used File System (KB)	File system capacity on the array or arrays in the group consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	ST_FS_USED
ArrayRawDBTotal	DB on Raw Devices (KB)	Amount of raw device capacity on the array or arrays in the group allocated to host databases	FLOAT	Not Key	ST_RAWDB_TOTAL
ArrayRawDBUsed	Used DB on Raw Devices (KB)	Amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key	ST_RAWDB_USED
ArrayDevCount	# LUNs	Total number of LUNs on the array or the arrays in the group	NUMBER	Not Key	ST_DEVICECOUNT
ArrayDiskCount	# Disks	Number of disks in the array or arrays in the group	NUMBER	Not Key	ST_DISKCOUNT
ArrayPortCount	# Array Ports	Number of ports on the array	NUMBER	Not Key	ST_PORTCOUNT

Table 89 SRMArrayMetrics (5 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayLunMaskedDevCount	# LUN Masked Devices	Number of logical devices on this array or arrays in the group that are LUN masked to hosts	NUMBER	Not Key	ST_LUNMASKEDDEVcnt
ArrayAllocDevCount	# Allocated LUNs	Number of LUNs on the array or arrays in the group allocated to hosts	NUMBER	Not Key	ST_ALLOCDEVcnt
ArrayAccDevCount	# Accessible LUNs	Number of LUNs on the array or arrays in the group that are accessible to hosts	NUMBER	Not Key	ST_ACCESSIBLEDEVcnt
ArrayMappedDevCount	# Mapped Devices	Total number of logical devices on this array or arrays in the group that are mapped to front-end ports	NUMBER	Not Key	ST_MAPPEDDEVcnt
ArrayUnMappedDevCount	# Unmapped Devices	Number of logical devices on this array or the arrays in the group that are not mapped to front-end ports	NUMBER	Not Key	ST_UNMAPPEDDEVcnt
ArrayHostCount	# Physical Hosts	Number of hosts to which logical devices on the array or arrays in the group are allocated. Includes ESX Servers, but not virtual machines (VMs).	NUMBER	Not Key	ST_HOSTcnt
ArrayHostDevCount	# Host Devices	Number of host devices to which the LUNs on this array or the arrays in the group are allocated. For PowerPath devices, each physical path counts as one device.	NUMBER	Not Key	ST_HOSTDEVcnt
ArraySharedDevCount	# Shared Devices	Number of logical devices on this array or arrays in the group that are shared by multiple hosts	NUMBER	Not Key	ST_SHAREDDEVcnt

Table 89 SRMArrayMetrics (6 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayPrimary	Primary (KB)	Usable capacity of primary logical devices on the array or arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_PRIMARY
ArrayPrimaryRaw	Primary - Raw (KB)	Capacity of primary logical devices on the array or arrays in the group plus any capacity defined by the protection level for the devices	FLOAT	Not Key	ST_PRIMARY_RAW
ArrayLocalRepRaw	Local Replica - Raw (KB)	Capacity of local replica devices on the arrays or arrays in the group plus any protection capacity defined for the devices	FLOAT	Not Key	ST_LOCAL_REPCAP_RAW
ArrayRemoteRepRaw	Remote Replica - Raw (KB)	Capacity of remote replica devices on the array or arrays in the group plus any capacity defined by the protection level for the devices	FLOAT	Not Key	ST_REMOTE_REPCAP_RAW
ArrayUnAllocRaw	Raw Unallocated (KB)	Configured capacity on the array or arrays in the group not yet allocated for array internal use or for host use plus any capacity defined by the protection level for devices.	FLOAT	Not Key	ST_UNALLOCATED_RAW
ArrayConfigNotAssignedTotal	Unassigned Configured (KB)	For a CLARiiON array, this is the portion of a RAID group not yet bound to any LUNs. For a Symmetrix, this is always zero (0). For all other array types, this is configured capacity not yet made into logical devices.	FLOAT	Not Key	ST_CONFIG_NOTASSIGNED

Table 89 SRMArrayMetrics (7 of 7)

Column Name	Label	Description	Datatype	Primary Key/ Foreign Key	StorageScope API Equivalent
ArrayPrimaryDevCount	# Primary Devices	Number of primary logical devices on the array or arrays in the group	INTEGER	Not Key	ST_PRIMARYDEVcnt
ArrayLocalReplicaDevCount	# Local Replica Devices	Number of local replicas on the array or arrays in the group	INTEGER	Not Key	ST_LOCALREPDEVcnt
ArrayRemoteReplicaDevCount	# Remote Replica Devices	Number of remote replica devices on the array or the arrays in the group	INTEGER	Not Key	ST_REMOTEREPDEVcnt
ArrayFreeAccDevCount	# Unused Accessible LUNs	Number of host-accessible LUNs on the array or arrays in the group which have no file systems, raw databases, VMFS volumes, or RDMs on them. In the case of MVS, these are LUNs with no volume groups on them.	NUMBER	Not Key	ST_FREE_ACC_DEV_COUNT
ArrayFreeAccDevTotal	Unused Accessible (KB)	Unused capacity of host-accessible LUNs on the array or arrays in the group	FLOAT	Not Key	ST_FREE_ACC_DEV_TOTAL
ArrayVMFSTotal	VMFS Capacity (KB)	Total capacity of VMFS file systems on this array or arrays in the group	FLOAT	Not Key	ST_VMFS_TOTAL
ArrayVMFSUsed	Used VMFS (KB)	VMFS capacity on this array or arrays in the group that is consumed by files	FLOAT	Not Key	ST_VMFS_USED
ArrayRDMRawTotal	Raw Disk/RDM (KB)	Raw disk and RDM capacity assigned to the virtual machine	FLOAT	Not Key	ST_RDMRAW_TOTAL

ArrayMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each array. The table contains one row per array per week.

Related
StorageScope API
views

None

Table 90 ArrayMetricsWeekly (1 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
ArrayRawTotalAvg	Physical Capacity - Avg. (KB)	During the period (week or month), the average capacity of the unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayRawTotalLast	Physical Capacity - Last (KB)	On the last day of the period (week or month), the capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayConfigRawAvg	Raw Configured - Avg. (KB)	During the period (week or month), the average amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key

Table 90 **ArrayMetricsWeekly (2 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayConfigRawLast	Raw Configured - Last (KB)	On the last day of the period (week or month), the amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key
ArrayConfigTotalAvg	Configured - Avg. (KB)	During the period (week or month), the average amount of logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayConfigTotalLast	Configured - Last (KB)	On the last day of the period (week or month) the amount of array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayUnconfigTotalAvg	Unconfigured - Avg. (KB)	During the period (week or month), the average amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key
ArrayUnconfigTotalLast	Unconfigured - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key

Table 90 **ArrayMetricsWeekly (3 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocRawMin	Raw Allocated - Min. (KB)	During the period (week or month), the minimum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawAvg	Raw Allocated - Avg. (KB)	During the period (week or month), the average amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawMax	Raw Allocated - Max. (KB)	During the period (week or month), the maximum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawLast	Raw Allocated - Last (KB)	On the last day of the period (week or month), the amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 90 **ArrayMetricsWeekly (4 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalLast	Allocated - Last (KB)	On the last day of the period (week or month), the amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key

Table 90 **ArrayMetricsWeekly (5 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAllocSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayAllocIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

Table 90 **ArrayMetricsWeekly (6 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalAvg	Unused Accessible - Avg. (KB)	During the period (week or month), the average amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key

ArrayMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each array. The table contains one row per array per month.

Related
StorageScope API
views

None

Table 91

ArrayMetricsMonthly (1 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
ArrayRawTotalAvg	Physical Capacity - Avg. (KB)	During the period (week or month), the average capacity of the unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayRawTotalLast	Physical Capacity - Last (KB)	On the last day of the period (week or month), the capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayConfigRawAvg	Raw Configured - Avg. (KB)	During the period (week or month), the average amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key

Table 91 **ArrayMetricsMonthly (2 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayConfigRawLast	Raw Configured - Last (KB)	On the last day of the period (week or month), the amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key
ArrayConfigTotalAvg	Configured - Avg. (KB)	During the period (week or month), the average amount of logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayConfigTotalLast	Configured - Last (KB)	On the last day of the period (week or month) the amount of array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayUnconfigTotalLast	Unconfigured - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key
ArrayAllocRawMin	Raw Allocated - Min. (KB)	During the period (week or month), the minimum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 91 **ArrayMetricsMonthly (3 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocRawAvg	Raw Allocated - Avg. (KB)	During the period (week or month), the average amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawMax	Raw Allocated - Max. (KB)	During the period (week or month), the maximum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawLast	Raw Allocated - Last (KB)	On the last day of the period (week or month), the amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 91 **ArrayMetricsMonthly (4 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalLast	Allocated - Last (KB)	On the last day of the period (week or month), the amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key

Table 91 **ArrayMetricsMonthly (5 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAllocSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayAllocIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayUnconfigTotalAvg	Unconfigured - Avg. (KB)	During the period (week or month), the average amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key

Table 91 **ArrayMetricsMonthly (6 of 6)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalAvg	Unused Accessible - Avg. (KB)	During the period (week or month), the average amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key

SRMArrayDevice

This table contains configuration and capacity details for individual array devices, including meta devices and system resources (for example, VCMDB devices, Gatekeeper devices, SFS devices, RAD devices, Save Pool Devices, DRVs and their mirrors, and spare devices). The table contains one row per device. Only data from the most recent ETL is reported.

Related StorageScope API views

- ◆ [“STS_ARRAY_DEVICE” on page 71](#)
- ◆ [“STS_ARRAY_DISK” on page 76](#)

Table 92 **SRMArrayDevice (1 of 4)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	PK	SD_ID
ArrayDeviceID	LUN ID	Internal ControlCenter Repository identifier for the LUN	INTEGER	Not Key	SD_ID
ArrayDeviceName	LUN Name	Name used by the array to identify the LUN	VARCHAR2(256)	Not Key	SD_NAME
ArrayDeviceAlias	LUN Name	User-defined name (alias) for the LUN or the name used by the array to identify the LUN	VARCHAR2(256)	Not Key	SD_ALIAS
ArrayDeviceType	LUN Type	Type of logical device	VARCHAR2(256)	Not Key	SD_TYPE
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayDevTotal	LUN Capacity (KB)	Usable capacity of this LUN. Does not include capacity defined by the protection level for the device.	FLOAT	Not Key	SD_SIZE

Table 92 SRMArrayDevice (2 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDevRaw	Raw LUN Capacity (KB)	Capacity of this logical device (non-meta, meta head, or meta member) including any capacity defined by the protection level for the device	FLOAT	Not Key	SD_SIZE_RAW
MetaDeviceTotal	Meta LUN Capacity (KB)	Usable capacity of the meta head. If not a meta head, zero (0) appears in this field.	FLOAT	Not Key	None
MetaDeviceRaw	Raw Meta LUN Capacity (KB)	Usable capacity of the meta head plus any capacity defined by the protection level for the meta LUN. If not a meta head, zero (0) appears in this field.	FLOAT	Not Key	None
ClariionUserDefinedTotal	CLARiiON User-Defined (KB)	Usable user-defined portion of a CLARiiON LUN. Does not include any capacity defined by the protection level for the LUN. Zero (0) for all other LUN types.	FLOAT	Not Key	None
ClariionUserDefinedRaw	Raw CLARiiON User-Defined (KB)	Raw user-defined portion of a CLARiiON LUN. Includes any capacity defined by the protection level for the LUN. Zero (0) for all other LUN types.	FLOAT	Not Key	None
ArrayDevPortCount	# Ports to Device	Number of array front-end ports through which the device is presented	NUMBER	Not Key	SD_PORTCOUNT
IsMetaDevice	Meta Device?	Indicates whether or not the logical device is a meta device	VARCHAR2(3)	Not Key	IS_META
MetaDeviceGroupID	Meta Device Group ID	Internal ControlCenter Repository identifier for the meta device group	INTEGER	Not Key	SDGRP_ID

Table 92 SRMArrayDevice (3 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ConsistencyGroupName	Consistency Group	Name of the consistency group to which the device belongs. Applies to Symmetrix devices only.	VARCHAR2(256)	Not Key	SD_CONS_GRPNAME
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	FK	RG_ID
StoragePoolKey	Storage Pool Key	Internal StorageScope Repository identifier for the array storage pool	INTEGER	FK	ST_POOL_ID
EmulationMode	Emulation	Emulation mode of the device	VARCHAR2(256)	Not Key	ST_EMULATION
AllocationType	Allocation Type	Describes how the logical device has been allocated within the array. If the logical device is not allocated, this field is empty (null value). If the host is known, this field also describes how the device is allocated to the host.	VARCHAR2(64)	Not Key	SD_ALLOC_TYPE
ArrayAllocated	Array Allocated?	Indicates whether or not the LUN is allocated for use by the array itself	VARCHAR2(3)	Not Key	ARRAY_ALLOCATED
HDSArrayAllocated	HDS Allocated?	If this is an Hitachi Data Systems (HDS) or HP XP device, indicates if it is array allocated. If not an HDS or HP XP device, N/A appears in this field.	VARCHAR2(3)	Not Key	HDS_ARRAY_ALLOCATED
HostAllocated	Host Allocated?	Indicates whether or not the LUN is allocated to the host	VARCHAR2(5)	Not Key	ALLOCATED
IsAccessible	Host Accessible?	Indicates whether or not the logical device is accessible to the host	VARCHAR2(3)	Not Key	ACCESSIBLE

Table 92 SRMArrayDevice (4 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsLunMasked	LUN Masked?	Indicates whether or not the logical device is LUN masked	VARCHAR2(3)	Not Key	LUN_MASKED
IsMapped	Mapped?	Indicates whether or not the logical device is mapped to a front-end port	VARCHAR2(3)	Not Key	MAPPED
UsedByFileSystem	Used by File System?	Indicates whether or not the host device is used by a host file system	VARCHAR2(3)	Not Key	HAS_FS
UsedByVolumeGroup	Used by Volume Group?	Indicates whether or not the host device is used by a volume group	VARCHAR2(3)	Not Key	VOLUMED
IsReserved	Reserved?	Indicates whether or not this device is reserved for use by any application	VARCHAR2(3)	Not Key	RESERVED
ReservedSince	Reserved Since	Date on which the device was first reserved	DATE	Not Key	RESERVED_SINCE
ReservedByTaskListTaskName	Reserved By/Task List/Task Name	Comma-separated list of applications (and associated Task List and Task Name) that reserved the device	VARCHAR2(3000)	Not Key	RESERVED_BY_TASKLIST_TASKNAME
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
UsedByVMFSRDMRaw	Used by Virtual Machine?	Indicates whether or not the host device is used by a VMFS, raw disk, or RDM	VARCHAR2(3)	Not Key	USED_BY_VMFS_RDMRAW

SRMArrayMetaDevice

This table contains configuration details for all Symmetrix, CLARiiON, and HDS/HP XP expanded logical devices that have been discovered by their storage agents. The table contains one row per meta device. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ARRAY_META_DEVICES” on page 80](#)

Table 93 SRMArrayMetaDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
MetaDeviceGroupID	Meta Device Group ID	Internal ControlCenter Repository identifier for the meta device group	INTEGER	Not Key	SDGRP_ID
MetaType	Meta Type	Indicates whether this device is a meta head or a meta member	VARCHAR2(16)	Not Key	META_TYPE
MetaHeaderAlias	Meta LUN Name	Name of the meta LUN	VARCHAR2(512)	Not Key	METAHEAD_SD_ALIAS
MetaConfig	Striped/Concatenated	Indicates whether the meta device is striped or concatenated	VARCHAR2(16)	Not Key	META_CONFIG
StripeSize	Stripe Size (KB)	Size of the stripe	NUMBER	Not Key	STRIPE_SIZE
ComponentID	Meta LUN Component	For CLARiiON arrays, this is the meta LUN component to which the meta head or member belongs.	INTEGER	Not Key	COMPONENT_ID

SRMDeviceAllocation

This table lists attributes for each logical device that is allocated and/or accessible to known hosts, unknown hosts (HBAs or iSCSI port), or NAS data movers. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_DEVICE_ALLOCATION” on page 118](#)

Table 94 SRMDeviceAllocation (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
HostOrHBAKey	Host/HBA/iSCSI Key	Internal StorageScope Repository identifier for the host. If the host is unknown, the key for the HBA or iSCSI port appears in this field.	INTEGER	Not Key	HOST_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK	NC_ID
HostOrHBAID	Host/HBA/iSCSI ID	Internal ControlCenter Repository identifier for the host. If the host is unknown, the identifier for the HBA or iSCSI port appears in this field.	INTEGER	Not Key	HOST_ID
HostOrHBAName	Host/HBA/iSCSI System Name	System-assigned name of the host. If the host is unknown, the name of the HBA or iSCSI port appears in this field.	VARCHAR2(256)	Not Key	HOST_NAME

Table 94 SRMDeviceAllocation (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostOrHBAAlias	Host/HBA/iSCSI Name	User-defined name (alias) or system-assigned name of the host, HBA, or iSCSI port to which the device is accessible.	VARCHAR2(256)	Not Key	HOST_ALIAS
HostAllocated	Host Allocated?	Indicates whether or not the LUN is allocated to the host	VARCHAR2(5)	Not Key	ALLOCATED
WhyAllocated	Host Allocated Description	Describes why or why not the logical device is allocated to the host	VARCHAR2(256)	Not Key	WHY_ALLOCATED
IsAccessible	Host Accessible?	Indicates whether or not the logical device is accessible to the host	VARCHAR2(5)	Not Key	ACCESSIBLE
WhyAccessible	Host Accessible Description	Describes why or why not the logical device is accessible to the host	VARCHAR2(256)	Not Key	WHY_ACCESSIBLE
AccessibleBy	Accessible By	If the LUN is accessible, indicates whether it is accessible to a host, HBA, iSCSI port, or NAS data mover. If the LUN is not accessible, this field is empty (null value).	VARCHAR2(10)	Not Key	ACCESSIBLE_BY
IsLunMasked	LUN Masked?	Indicates whether or not the logical device is LUN masked	VARCHAR2(5)	Not Key	LUN_MASKED
UsedByFileSystem	Used by File System?	Indicates whether or not the host device is used by a host file system	VARCHAR2(5)	Not Key	HAS_FS

Table 94 SRMDeviceAllocation (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
UsedByVolumeGroup	Used by Volume Group?	Indicates whether or not the host device is used by a volume group	VARCHAR2(5)	Not Key	VOLUMED
BCVPairState	BCV Pair State	State of the business continuance volume (BCV) pair	VARCHAR2(256)	Not Key	None
UsedByVMFSRDMPRaw	Used by Virtual Machine?	Indicates whether or not the host device is used by a VMFS, raw disk, or RDM	VARCHAR2(3)	Not Key	None

SRMArryPort

This table contains configuration details for each array front-end port found in the ControlCenter Repository. The table contains one row per port.

Related StorageScope API views

[“STS_ARRAY_PORT” on page 84](#)

Table 95 SRMArryPort (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	PK	PORT_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayPortID	Array Port ID	Internal ControlCenter Repository identifier for the array port	INTEGER	Not Key	PORT_ID
ArrayPortNumber	Array Port No.	Number of the array port	NUMBER	Not Key	PORT_NUMBER
AdapterID	Adapter ID	Internal ControlCenter Repository identifier for the HBA, switch, or array adapter	INTEGER	Not Key	AD_ID
AdapterName	Adapter Name	Unique system-assigned name of the HBA, switch, or array adapter	VARCHAR2(257)	Not Key	AD_NAME
AdapterNumber	Adapter No.	Number of the HBA, switch, or array adapter	NUMBER	Not Key	ADAPTER_NUMBER
ArrayPortAlias	Array Port Name	User-defined name (alias) or system-assigned name of the array port	VARCHAR2(514)	Not Key	ADPORT_ALIAS
ArrayPortType	Array Port Type	Type of array port	VARCHAR2(32)	Not Key	PORT_TYPE

Table 95 SRMArrayPort (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayPortWWN	Array Port WWN	World Wide Name (WWN) of the array port	VARCHAR2(64)	Not Key	PORT_WWN
ArrayPortIP	Array iSCSI IP Address	If an iSCSI port, the IP address of the port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(64)	Not Key	PORT_IP
ArrayPortStatus	Array Port Status	Indicates whether the port is enabled (On) or disabled (Off). For Symmetrix only.	VARCHAR2(3)	Not Key	PORT_STATUS
ISCSIName	iSCSI Name	If an iSCSI port, the unique iSCSI name for the port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(256)	Not Key	ISCSI_NAME
PortHostMode	Port Host Mode	Host mode of the array port	VARCHAR2(32)	Not Key	PORT_HOSTMODE
SCSIFlagOnSCSIPort	SCSI Flags - SCSI Port	SCSI protocol flags on the SCSI port	VARCHAR2(4000)	Not Key	SCSI_PORT_SAPORTFLAG
FibrePortLoopNum	Loop No.	Loop number	NUMBER	Not Key	FIBREPORT_FALOOPNUM
FibrePortSCSIFlag	SCSI Flags - Fibre Port	SCSI protocol flags on the fibre port	VARCHAR2(4000)	Not Key	FIBREPORT_SAPORTFLAG
FibrePortFCFlag	FA Flags	Fibre adapter (FA) port flags	VARCHAR2(4000)	Not Key	FIBREPORT_FAPORTFLAG
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	HOST_LASTDISCOVERYTIME

Table 95 SRMArrayPort (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMArrayPortMetrics

This table contains up to 42 days (six weeks) of numerical data (for example, number of connections, number of connected logical devices, and total capacity of the logical devices connected to the port) for each array front-end port. The table contains one row for each day the port is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_ARRAY_PORT” on page 84](#)

Table 96 SRMArrayPortMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	Both	PORT_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
PortConnCount	# Connections	Number of connections this array port has to either hosts or switches	NUMBER	Not Key	PORT_CONNCOUNT
PortConnDevCount	# LUNs on Port	Number of LUNs on the array port	NUMBER	Not Key	ST_DEVICECOUNT
PortConnDevTotal	Mapped Device Capacity (KB)	Amount of LUN capacity mapped to the array port	FLOAT	Not Key	CONN_DEVICESIZE

ArrayPortMetricsWeekly

This table contains weekly aggregations of numerical data (for example, number of connections, number of connected logical devices, and total capacity of the logical devices connected to the port) for each array front-end port. The table contains one row per port per week.

**Related
StorageScope API
views**

None

Table 97 ArrayPortMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
PortConnCountMin	# Connections - Min.	During the period (week or month), the minimum number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnCountAvg	# Connections - Avg.	During the period (week or month), the average number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnCountMax	# Connections - Max.	During the period (week or month), the maximum number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnDevCountMin	# LUNs on Port - Min.	During the period (week or month), the minimum number of LUNs on the array port	NUMBER	Not Key
PortConnDevCountAvg	# LUNs on Port - Avg.	During the period (week or month), the average number of LUNs on the array port	NUMBER	Not Key

Table 97 **ArrayPortMetricsWeekly (2 of 2)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
PortConnDevCountMax	# LUNs on Port - Max.	During the period (week or month), the maximum number of LUNs on the array port	NUMBER	Not Key
PortConnDevTotalMin	Mapped Device Capacity - Min. (KB)	During the period (week or month), the minimum amount of LUN capacity mapped to the port	NUMBER	Not Key
PortConnDevTotalAvg	Mapped Device Capacity - Avg. (KB)	During the period (week or month), the average amount of LUN capacity mapped to the port	NUMBER	Not Key
PortConnDevTotalMax	Mapped Device Capacity - Max. (KB)	During the period (week or month), the maximum amount of LUN capacity mapped to the port	NUMBER	Not Key

ArrayPortMetricsMonthly

This table contains monthly aggregations of numerical data (for example, number of connections, number of connected logical devices, and total capacity of the logical devices connected to the port) for each array front-end port. The table contains one row per port per month.

**Related
StorageScope API
views**

None

Table 98 ArrayPortMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
PortConnCountMin	# Connections - Min.	During the period (week or month), the minimum number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnCountAvg	# Connections - Avg.	During the period (week or month), the average number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnCountMax	# Connections - Max.	During the period (week or month), the maximum number of connections this array port had to either hosts or switches	NUMBER	Not Key
PortConnDevCountMin	# LUNs on Port - Min.	During the period (week or month), the minimum number of LUNs on the array port	NUMBER	Not Key
PortConnDevCountAvg	# LUNs on Port - Avg.	During the period (week or month), the average number of LUNs on the array port	NUMBER	Not Key

Table 98 **ArrayPortMetricsMonthly (2 of 2)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
PortConnDevCountMax	# LUNs on Port - Max.	During the period (week or month), the maximum number of LUNs on the array port	NUMBER	Not Key
PortConnDevTotalMin	Mapped Device Capacity - Min. (KB)	During the period (week or month), the minimum amount of LUN capacity mapped to the port	NUMBER	Not Key
PortConnDevTotalAvg	Mapped Device Capacity - Avg. (KB)	During the period (week or month), the average amount of LUN capacity mapped to the port	NUMBER	Not Key
PortConnDevTotalMax	Mapped Device Capacity - Max. (KB)	During the period (week or month), the maximum amount of LUN capacity mapped to the port	NUMBER	Not Key

SRMArrayPortConnection

This table lists each array port and each of the managed objects (host, HBA, or switch) to which the port is connected. The table contains one row per port connection. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ARRAY_PORT_CONNECTION” on page 86](#)

Table 99 SRMArrayPortConnection (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	FK	PORT_ID
ConnPortKey	Connected Port Key	Internal StorageScope Repository identifier for the port on the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	INTEGER	Not Key	CONN_PORT_ID
ConnMOKey	Connected Node Key	Internal StorageScope Repository identifier for the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	INTEGER	Not Key	CONN_ST_ID

Table 99 SRMArrayPortConnection (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ConnMOID	Connected Node ID	Internal ControlCenter Repository identifier for the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	INTEGER	Not Key	CONN_ST_ID
ConnMOName	Connected Node Name	System-assigned name of the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	VARCHAR2(256)	Not Key	CONN_ST_SN
ConnMOAlias	Connected Node Name	User-defined name (alias) or system-assigned name of the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	VARCHAR2(4000)	Not Key	CONN_ST_ALIAS
ConnMOType	Connected Node Type	Type of node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	VARCHAR2(16)	Not Key	CONN_ST_TYPE

Table 99 SRMArryPortConnection (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ConnPortID	Connected Port ID	Internal ControlCenter Repository identifier for the port on the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	INTEGER	Not Key	CONN_PORT_ID
ConnPortNumber	Connected Port No.	Number of the port on the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	NUMBER	Not Key	CONN_PORT_NUMBER
ConnPortWWN	Connected Port WWN	World Wide Name (WWN) of the port on the node to which the array or switch is connected. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	VARCHAR2(64)	Not Key	CONN_PORT_WWN
ConnPortAlias	Connected Port Name	User-defined name (alias) or system-assigned name of the port on the node connected to the array or switch. For an array, the node could be a host or switch. For a switch, the node could be a host, an array, or another switch.	VARCHAR2(514)	Not Key	CONN_ADPORT_ALIAS

SRMArrayPortToDevice

This table shows the relationship between array ports and the logical devices to which the ports are connected. The table contains one row per unique combination of array port/logical device connection. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ARRAY_PORT_TO_DEV” on page 88](#)

Table 100 SRMArrayPortToDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	Both	SD_ID
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	Both	PORT_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
LunNo	LUN	Logical Unit Number. For a CLARiiON, this is the Host LUN (HLU).	VARCHAR2(50)	Not Key	LUN
TargetID	Target ID	Array device to array front-end port target identifier	INTEGER	Not Key	TARGET_ID

SRMArrayDisk

This table contains configuration and capacity information about each physical disk in a Symmetrix or CLARiiON array. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ARRAY_DISK” on page 76](#)

Table 101 SRMArrayDisk (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDiskKey	Disk Key	Internal StorageScope Repository identifier for the disk	INTEGER	PK	DISK_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
DiskID	Disk ID	Internal ControlCenter Repository identifier for the disk	INTEGER	Not Key	DISK_ID
DiskName	Disk Name	Name of the disk	VARCHAR2(20)	Not Key	DISK_NAME
DiskSerialNumber	Disk S/N	Serial number of the disk	VARCHAR2(32)	Not Key	DISK_SN
DiskRevision	Disk Version	Version of the disk	VARCHAR2(32)	Not Key	DISK_REVISION
DiskSize	Disk Capacity (KB)	Capacity of the formatted physical disk	FLOAT	Not Key	DISK_SIZE
DiskUnAllocSpace	Unconfigured Disk (KB)	Capacity on the physical disk that has not been configured into logical devices	FLOAT	Not Key	DISK_UNALLOCSPACE
DiskSCSINum	Disk SCSI No.	SCSI number of the disk	INTEGER	Not Key	DISK_SCSINUM
DiskSpare	Spare Disk?	Indicates whether the disk is a dynamic spare or a generic disk	VARCHAR2(10)	Not Key	DISK_SPARE
DiskState	Disk State	State of the disk	VARCHAR2(64)	Not Key	DISK_STATE

Table 101 SRMArrayDisk (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	FK	RG_ID
DiskType	Disk Type	Type of array disk	VARCHAR2(4000)	Not Key	DISK_TYPE
DiskRPM	Disk RPM	Speed of the disk	INTEGER	Not Key	DISK_RPM
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

SRMDevToDisk

This table shows the relationship between logical devices and physical disks. The table contains one row for each unique logical device to physical disk mapping. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_DEVICE_TO_DISK” on page 123](#)

Table 102 SRMDevToDisk

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDiskKey	Disk Key	Internal StorageScope Repository identifier for the disk	INTEGER	FK	DISK_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID

SRMArrayLunMask

This table contains information about each logical device that is LUN masked to a host or HBA WWN. The table contains one row for each unique combination of logical device, HBA WWN, and LUN. Only data from the most recent ETL is reported.

Related StorageScope API views

[“STS_ARRAY_LUN_MASK” on page 78](#)

Table 103 SRMArrayLunMask (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HBAKey	Host Adapter Key	Internal StorageScope Repository identifier for the host adapter	INTEGER	FK	HBA_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	FK	PORT_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
ArrayISCSIName	Array iSCSI Name	If an iSCSI port, the unique name of the array iSCSI port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(256)	Not Key	ARRAY_ISCSI_NAME
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
HBAWWN	Host Port WWN	World Wide Name (WWN) of the host port	VARCHAR2(64)	Not Key	HBA_WWN

Table 103 SRMArrayLunMask (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostISCSIName	Host iSCSI Name	If an iSCSI port, the unique name for the host iSCSI port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(256)	Not Key	HOST_ISCSI_NAME
LunNo	LUN	Logical Unit Number. For a CLARiiON, this is the Host LUN (HLU).	VARCHAR2(50)	Not Key	LUN
HostLunAddress	Host LUN Address	LUN address allocated to a host for a masked device on a Symmetrix array	VARCHAR2(50)	Not Key	N/A
TargetID	Target ID	Array device to array front-end port target identifier	INTEGER	Not Key	TARGET_ID
IsMapped	Mapped?	Indicates whether or not the logical device is mapped to a front-end port	VARCHAR2(3)	Not Key	MAPPED

SRMArrayReplica

This table contains information about Symmetrix array replicas. The table contains one row for each unique combination of primary device and replica device. Only data from the most recent ETL is reported.

Related StorageScope API views

[“STS_ARRAY_REPLICA” on page 92](#)

Table 104 SRMArrayReplica (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
PrimaryArrayKey	Primary Array ID	Internal ControlCenter Repository identifier for the array on which the primary device resides	INTEGER	FK	PRI_ST_ID
ReplicaDevKey	Replica Device Key	Internal StorageScope Repository identifier for the replica device	INTEGER	FK	RP_SD_ID
PrimaryDevKey	Primary Device ID	Internal ControlCenter Repository identifier for the primary device	INTEGER	FK	PRI_SD_ID
ReplicaHostOrHBAKey	Replica Host/HBA/iSCSI Port Key	Internal StorageScope Repository identifier for the host to which the replica device is accessible. If the host is unknown, the key for the HBA or iSCSI port appears in this field.	INTEGER	Not Key	RP_HOST_ID
PrimaryHostOrHBAKey	Primary Host/HBA/iSCSI Key	Internal StorageScope Repository identifier for the host to which the primary device is accessible. If the host is unknown, the ID of the HBA or iSCSI port appears in this field.	INTEGER	Not Key	PRI_HOST_ID
ReplicaType	Replica Type	Type of replica	VARCHAR2(10)	Not Key	RP_TYPE

Table 104 SRMArrayReplica (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ReplicaHostID	Replica Host/HBA/iSCSI Port ID	Internal ControlCenter Repository identifier for the host to which the replica is accessible. If the host is unknown, the ID of the HBA or iSCSI port appears in this field.	INTEGER	Not Key	RP_HOST_ID
ReplicaHostName	Replica Host/HBA/iSCSI Port	System-assigned name of the host to which the replica device is accessible. If the host is unknown, the name of the HBA or iSCSI port appears in this field.	VARCHAR2(256)	Not Key	RP_HOST_NAME
ReplicaHostAlias	Replica Host/HBA/iSCSI Port Name	User-defined (alias) or system-assigned name of the host to which the replica device is accessible. If the host is unknown, the name of the HBA or iSCSI port appears in this field.	VARCHAR2(256)	Not Key	RP_HOST_ALIAS
PrimaryHostID	Primary Host/HBA/iSCSI ID	Internal ControlCenter Repository identifier for the host to which the primary device is accessible. If the host is unknown, the ID of the HBA or iSCSI port appears in this field.	INTEGER	Not Key	PRI_HOST_ID

Table 104 SRMArrayReplica (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
PrimaryHostName	Primary Host/HBA/iSCSI Port	System-assigned name of the host to which the primary device is accessible. If the host is unknown, the name of the HBA or iSCSI port appears in this field.	VARCHAR2(256)	Not Key	PRI_HOST_NAME
PrimaryHostAlias	Primary Host/HBA/iSCSI Port Name	User-defined name (alias) or system-assigned name of the host, HBA, or iSCSI port to which the primary device is accessible.	VARCHAR2(256)	Not Key	PRI_HOST_ALIAS
ReplicaArrayKey	Replica Array Key	Internal StorageScope Repository identifier for the array on which the replica device resides	INTEGER	FK	RP_ST_ID

SRMRaidGroup

This table contains basic configuration information about each CLARiON RAID group found in the ControlCenter Repository. The table contains one row for each unique combination of array and RAID group.

Related StorageScope API views

[“STS_ARRAY_RAIDGROUP” on page 90](#)

Table 105 SRMRaidGroup (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	PK	RG_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
RaidGroupID	RAID Group ID	Internal ControlCenter Repository identifier for the RAID group	INTEGER	Not Key	RG_ID
RaidGroupName	RAID Group Name	Name of the RAID group	VARCHAR2(64)	Not Key	RG_NAME
RaidGroupType	RAID Type	Type of LUNS bound to this RAID group (for example, RAID3 or RAID5)	VARCHAR2(64)	Not Key	RG_TYPE
RaidGroupState	RAID Group Status	Status of the RAID group. Valid values are Invalid, Explicit_Remove, Valid_luns, Expanding, Defragmenting, Halted, and Busy.	VARCHAR2(64)	Not Key	RG_STATE
RGDefExpPriority	Expansion/Defragmentation Priority	Indicates the speed at which expansion and defragmentation occurs. Possible values are Low, Medium, or High. Medium is the default.	VARCHAR2(64)	Not Key	RG_DEFEXPRIORITY

Table 105 SRMRaidGroup (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
LunExpEnabled	LUN Expansion Enabled?	Indicates whether or not LUN expansion is enabled for the RAID group	CHAR(1)	Not Key	RG_LUNEXPENABLED
DriveType	Drive Type	Type of disk drive in the RAID group. Possible values are ATA, SATA, Fibre Channel, and Invalid.	VARCHAR2(64)	Not Key	DRIVE_TYPE
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMRaidGroupMetrics

This table contains up to 42 days (six weeks) of numerical data (for example, number of physical disks and logical capacity) for each RAID group. The table contains one row for each day the RAID group is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_ARRAY_RAIDGROUP” on page 90](#)

Table 106 SRMRaidGroupMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	Both	RG_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
RGLunCount	# LUNs	Number of LUNs bound to this RAID group	NUMBER	Not Key	RG_LUN_COUNT
RGDiskCount	# Disks	Number of physical disks in the RAID group	NUMBER	Not Key	RG_DISK_COUNT
RGRaw	Raw RAID Group (KB)	Amount of raw capacity in the RAID group (total capacity of the physical disks in the group plus any protection capacity).	FLOAT	Not Key	RG_RAW
RGUsable	Usable RAID Group (KB)	Usable capacity of the RAID group (capacity of the physical disks in the RAID group minus any protection capacity)	FLOAT	Not Key	RG_USABLE

Table 106 SRMRaidGroupMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
RGTotal	LUN Capacity (KB)	Total capacity of the LUNs in the RAID group	FLOAT	Not Key	RG_TOTAL
RGFree	Free RAID Group (KB)	Logical capacity still available for binding LUNs. Equals total logical capacity minus the sum of the capacities of bound LUNs.	FLOAT	Not Key	RG_FREE
RGLargestContiguousFree Space	Free Contiguous Group Capacity (KB)	Amount of contiguous free space in this RAID group	FLOAT	Not Key	RG_FREE_CONTIGUOUS_GROUP
RGDefragmentedPercent	% Defragmented	Percentage of the defragmentation operation that has completed	FLOAT	Not Key	RG_DEFRAG_PERCENT
RGExpandedPercent	% Expanded	Percentage of the RAID group expansion operation that has completed	FLOAT	Not Key	RG_EXP_PERCENT

RaidGroupMetricsWeekly

This table contains weekly aggregations of numerical data (for example, number of physical disks and logical capacity) for each RAID group. The table contains one row per RAID group per week.

**Related
StorageScope API
views**

None

Table 107 RaidGroupMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
RGLunCountAvg	# LUNs - Avg.	During the period (week or month), the average number of LUNs bound to this RAID group	NUMBER	Not Key
RGLunCountLast	# LUNs - Last	On the last day of the period (week or month), the number of LUNs bound to this RAID group	NUMBER	Not Key
RGDiskCountAvg	# Disks - Avg.	During the period (week or month), the average number of physical disks in the RAID group	NUMBER	Not Key
RGDiskCountLast	# Disks - Last	On the last day of the period (week or month), the number of physical disks in the RAID group	NUMBER	Not Key
RGRawAvg	Raw RAID Group - Avg.(KB)	During the period (week or month), the average amount of raw capacity in the RAID group (total capacity of the physical disks in the group plus any protection capacity)	FLOAT	Not Key

Table 107 **RaidGroupMetricsWeekly (2 of 2)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RGRawLast	Raw RAID Group - Last (KB)	On the last day of the period (week or month), the amount of raw capacity in the RAID group (total capacity of the physical disks in the group plus any protection capacity)	FLOAT	Not Key
RGUsableAvg	Usable RAID Group - Avg. (KB)	During the period (week or month), the average amount of usable capacity in the RAID group (capacity of the physical disks in the group minus any protection capacity)	FLOAT	Not Key
RGUsableLast	Usable RAID Group - Last (KB)	On the last day of the period (week or month), the amount of usable capacity in the RAID group (capacity of the physical disks in the group minus any protection capacity)	FLOAT	Not Key
RGTotalAvg	LUN Capacity - Avg. (KB)	During the period (week or month), the average capacity of the LUNs in the RAID Group	FLOAT	Not Key
RGTotalLast	LUN Capacity - Last (KB)	On the last day of the period (week or month), the capacity of the LUNs in the RAID Group	FLOAT	Not Key
RGFreeAvg	Free RAID Group - Avg. (KB)	During the period (week or month), the average amount of logical capacity still available for binding LUNs	FLOAT	Not Key
RGFreeLast	Free RAID Group - Last (KB)	On the last day of the period (week or month), the amount of logical capacity still available for binding LUNs	FLOAT	Not Key

RaidGroupMetricsMonthly

This table contains monthly aggregations of numerical data (for example, number of physical disks and logical capacity) for each RAID group. The table contains one row per RAID group per month.

**Related
StorageScope API
views**

None

Table 108 RaidGroupMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
RaidGroupKey	RAID Group Key	Internal StorageScope Repository identifier for the RAID group	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
RGLunCountAvg	# LUNs - Avg.	During the period (week or month), the average number of LUNs bound to this RAID group	NUMBER	Not Key
RGLunCountLast	# LUNs - Last	On the last day of the period (week or month), the number of LUNs bound to this RAID group	NUMBER	Not Key
RGDiskCountAvg	# Disks - Avg.	During the period (week or month), the average number of physical disks in the RAID group	NUMBER	Not Key
RGDiskCountLast	# Disks - Last	On the last day of the period (week or month), the number of physical disks in the RAID group	NUMBER	Not Key
RGRawAvg	Raw RAID Group - Avg.(KB)	During the period (week or month), the average amount of raw capacity in the RAID group (total capacity of the physical disks in the group plus any protection capacity)	FLOAT	Not Key

Table 108 **RaidGroupMetricsMonthly (2 of 2)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RGRawLast	Raw RAID Group - Last (KB)	On the last day of the period (week or month), the amount of raw capacity in the RAID group (total capacity of the physical disks in the group plus any protection capacity)	FLOAT	Not Key
RGUsableAvg	Usable RAID Group - Avg. (KB)	During the period (week or month), the average amount of usable capacity in the RAID group (capacity of the physical disks in the group minus any protection capacity)	FLOAT	Not Key
RGUsableLast	Usable RAID Group - Last (KB)	On the last day of the period (week or month), the amount of usable capacity in the RAID group (capacity of the physical disks in the group minus any protection capacity)	FLOAT	Not Key
RGTotalAvg	LUN Capacity - Avg. (KB)	During the period (week or month), the average capacity of the LUNs in the RAID Group	FLOAT	Not Key
RGTotalLast	LUN Capacity - Last (KB)	On the last day of the period (week or month), the capacity of the LUNs in the RAID Group	FLOAT	Not Key
RGFreeAvg	Free RAID Group - Avg. (KB)	During the period (week or month), the average amount of logical capacity still available for binding LUNs	FLOAT	Not Key
RGFreeLast	Free RAID Group - Last (KB)	On the last day of the period (week or month), the amount of logical capacity still available for binding LUNs	FLOAT	Not Key

SRMStoragePool

This table contains configuration details for each array storage pool found in the ControlCenter Repository. The table contains one row for each storage pool.

Related StorageScope API views

[“STS_STORAGEPOOL” on page 217](#)

Table 109 SRMStoragePool (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
StoragePoolKey	Storage Pool Key	Internal StorageScope Repository identifier for the array storage pool	INTEGER	PK	ST_POOL_ID
StoragePoolID	Storage Pool ID	Internal ControlCenter Repository identifier for the array storage pool	INTEGER	Not Key	ST_POOL_ID
StoragePoolName	Storage Pool Name	Name of the array storage pool	VARCHAR2(256)	Not Key	ST_POOL_NAME
StoragePoolParentKey	Parent Pool Key	Internal StorageScope Repository identifier for the parent of the array storage pool	INTEGER	Not Key	ST_POOL_PARENT_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 109 SRMStoragePool (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMStoragePoolMetrics

This table contains up to 42 days (six weeks) of numerical data (for example, number of subpools and allocated capacity) for each storage pool. The table contains one row for each day the storage pool is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_STORAGEPOOL” on page 217](#)

Table 110 SRMStoragePoolMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
StoragePoolKey	Storage Pool Key	Internal StorageScope Repository identifier for the array storage pool	INTEGER	Both	ST_POOL_ID
SubPoolCount	# Subpools	Number of subpools in the array storage pool	NUMBER	Not Key	ST_POOL_SUBPOOLCOUNT
StoragePoolDevCount	# Storage Pool Devices	Number of devices in the array storage pool	NUMBER	Not Key	ST_POOL_DEVCOUNT
StoragePoolConfigured	Storage Pool (KB)	Total capacity of the array storage pool	NUMBER	Not Key	ST_POOL_CONFIGURED
StoragePoolAllocated	Allocated Storage Pool (KB)	Amount of capacity in the array storage pool that allocated to hosts	NUMBER	Not Key	ST_POOL_ALLOCATED

StoragePoolMetricsWeekly

This table contains weekly aggregations of numerical data (for example, number of subpools and allocated capacity) for each storage pool. The table contains one row per storage pool per week.

**Related
StorageScope API
views**

None

Table 111 StoragePoolMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
StoragePoolKey	Storage Pool Key	Internal StorageScope Repository identifier for the array storage pool	INTEGER	Both
SubPoolCountAvg	# SubPools - Avg.	During the period (week or month), the average number of subpools in the storage pool	NUMBER	Not Key
SubPoolCountLast	# SubPools - Last	On the last day of the period (week or month), the number of subpools in the storage pool	NUMBER	Not Key
StoragePoolDevCountAvg	# Storage Pool Devices - Avg.	During the period (week or month), the average number of devices in the array storage pool	NUMBER	Not Key
StoragePoolDevCountLast	# Storage Pool Devices - Last	On the last day of the period (week or month), the number of devices in the array storage pool	NUMBER	Not Key
StoragePoolConfiguredAvg	Storage Pool - Avg.(KB)	During the period (week or month), the average capacity of the array storage pool	NUMBER	Not Key

Table 111 StoragePoolMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
StoragePoolConfiguredLast	Storage Pool - Last (KB)	On the last day of the period (week or month), the capacity of the array storage pool	NUMBER	Not Key
StoragePoolAllocatedAvg	Allocated Storage Pool - Avg. (KB)	During the period (week or month), the average amount of capacity in the array storage pool that was allocated to hosts	NUMBER	Not Key
StoragePoolAllocatedLast	Allocated Storage Pool - Last (KB)	Amount of capacity in the array storage pool that was allocated to hosts on the last day of the period (week or month)	NUMBER	Not Key

StoragePoolMetricsMonthly

This table contains monthly aggregations of numerical data (for example, number of subpools and allocated capacity) for each storage pool. The table contains one row per storage pool per month.

**Related
StorageScope API
views**

None

Table 112 StoragePoolMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
StoragePoolKey	Storage Pool Key	Internal StorageScope Repository identifier for the array storage pool	INTEGER	Both
SubPoolCountAvg	# SubPools - Avg.	During the period (week or month), the average number of subpools in the storage pool	NUMBER	Not Key
SubPoolCountLast	# SubPools - Last	On the last day of the period (week or month), the number of subpools in the storage pool	NUMBER	Not Key
StoragePoolDevCountAvg	# Storage Pool Devices - Avg.	During the period (week or month), the average number of devices in the array storage pool	NUMBER	Not Key
StoragePoolDevCountLast	# Storage Pool Devices - Last	On the last day of the period (week or month), the number of devices in the array storage pool	NUMBER	Not Key
StoragePoolConfiguredAvg	Storage Pool - Avg.(KB)	During the period (week or month), the average capacity of the array storage pool	NUMBER	Not Key

Table 112 StoragePoolMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
StoragePoolConfiguredLast	Storage Pool - Last (KB)	On the last day of the period (week or month), the capacity of the array storage pool	NUMBER	Not Key
StoragePoolAllocatedAvg	Allocated Storage Pool - Avg. (KB)	During the period (week or month), the average amount of capacity in the array storage pool that was allocated to hosts	NUMBER	Not Key
StoragePoolAllocatedLast	Allocated Storage Pool - Last (KB)	Amount of capacity in the array storage pool that was allocated to hosts on the last day of the period (week or month)	NUMBER	Not Key

SRMArrayStorageGroup

This table contains a list of CLARiiON storage groups and the LUNs in each storage group. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ARRAY_STORAGEGROUP” on page 94](#)

Table 113 SRMArrayStorageGroup

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
StorageGroupKey	Storage Group Key	Internal StorageScope Repository identifier for the array storage group	INTEGER	PK	STGGRP_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	SITE_ID
StorageGroupID	Storage Group ID	Internal ControlCenter Repository identifier for the array storage group	INTEGER	Not Key	STGGRP_ID
StorageGroupName	Storage Group Name	Name of the array storage group	VARCHAR2(64)	Not Key	STGGRP_NAME

SRMArrayStorageGroupToDevice

This table shows the relationship between storage groups and LUNs. The table contains one row for each unique combination of storage group and LUN. Only data from the most recent ETL is reported.

Related
StorageScope API
views

None

Table 114 SRMArrayStorageGroupToDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
StorageGroupKey	Storage Group Key	Internal StorageScope Repository identifier for the array storage group	INTEGER	Both
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	Both

SRMArrayByGroupMetrics

This table contains up to 42 days (six weeks) of array-related numerical data (counts and capacities) for each user-defined group that contains arrays. The table contains one row for each day the group is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_ARRAY_BY_GROUP” on page 64](#)

Table 115 SRMArrayByGroupMetrics (1 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
ArrayCount	# Arrays	Number of arrays in the group and its subgroups	NUMBER	Not Key	GRP_STCOUNT
ArrayConfigTotal	Configured (KB)	Array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_CONFIG_SUM
ArrayUnConfigTotal	Unconfigured (KB)	Capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key	ST_UNCONFIG_SUM

Table 115 SRMArrayByGroupMetrics (2 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayAllocTotal	Allocated (KB)	Array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_ALLOCATED
ArrayUnAllocTotal	Unallocated (KB)	Usable configured capacity on the array or arrays in the group not yet allocated for array internal use or for host use. Does not include any capacity defined by the protection level for devices.	FLOAT	Not Key	ST_UNALLOCATED
ArrayLocalReplicaTotal	Local Replica (KB)	Usable local replica capacity on the arrays or arrays in the group. Does not include any protection capacity defined for the devices.	FLOAT	Not Key	ST_LOCAL_REPCAP
ArrayRemoteReplicaTotal	Remote Replica (KB)	Usable capacity of remote replica devices on the array or arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_REMOTE_REPCAP
ArraySystemResource	System Resource Capacity (KB)	Capacity reserved for use by the array for internal operations	FLOAT	Not Key	ST_SYSTEM_RESOURCE
ArrayPortCount	# Array Ports	Number of ports on the array	NUMBER	Not Key	ST_PORTCOUNT
ArrayDevCount	# LUNs	Total number of LUNs on the array or the arrays in the group	NUMBER	Not Key	ST_DEVICECOUNT
ArrayDiskCount	# Disks	Number of disks in the array or arrays in the group	NUMBER	Not Key	ST_DISKCOUNT

Table 115 SRMArrByGroupMetrics (3 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayLunMaskedDevCount	# LUN Masked Devices	Number of logical devices on this array or arrays in the group that are LUN masked to hosts	NUMBER	Not Key	ST_LUNMASKEDDEVcnt
ArrayAllocDevCount	# Allocated LUNs	Number of LUNs on the array or arrays in the group allocated to hosts	NUMBER	Not Key	ST_ALLOCDEVcnt
ArrayAccDevCount	# Accessible LUNs	Number of LUNs on the array or arrays in the group that are accessible to hosts	NUMBER	Not Key	ST_ACCESSIBLEDEVcnt
ArrayMappedDevCount	# Mapped Devices	Total number of logical devices on this array or arrays in the group that are mapped to front-end ports	NUMBER	Not Key	ST_MAPPEDDEVcnt
ArrayUnMappedDevCount	# Unmapped Devices	Number of logical devices on this array or the arrays in the group that are not mapped to front-end ports	NUMBER	Not Key	ST_UNMAPPEDDEVcnt
ArrayHostCount	# Physical Hosts	Number of hosts to which logical devices on the array or arrays in the group are allocated. Includes ESX Servers, but not virtual machines (VMs).	NUMBER	Not Key	ST_HOSTcnt
ArrayHostDevCount	# Host Devices	Number of host devices to which the LUNs on this array or the arrays in the group are allocated. For PowerPath devices, each physical path counts as one device.	NUMBER	Not Key	ST_HOSTDEVcnt
ArraySharedDevCount	# Shared Devices	Number of logical devices on this array or arrays in the group that are shared by multiple hosts	NUMBER	Not Key	ST_SHAREDDEVcnt

Table 115 SRMArrByGroupMetrics (4 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayAccTotal	Accessible (KB)	Usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key	ST_ACCESSIBLE
ArrayAccUsed	Used Accessible (KB)	Host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key	ST_ACC_USED
ArrayFSTotal	FS on Array (KB)	Total capacity of file systems on the array or arrays in the group. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	ST_FS_TOTAL
ArrayFSUsed	Used File System (KB)	File system capacity on the array or arrays in the group consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	ST_FS_USED
ArrayRawDBTotal	DB on Raw Devices (KB)	Amount of raw device capacity on the array or arrays in the group allocated to host databases	FLOAT	Not Key	ST_RAWDB_TOTAL
ArrayRawDBUsed	Used DB on Raw Devices (KB)	Amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key	ST_RAWDB_USED
ArrayRawTotal	Physical Capacity (KB)	Capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key	ST_RAW

Table 115 SRMArrayByGroupMetrics (5 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayPrimary	Primary (KB)	Usable capacity of primary logical devices on the array or arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_PRIMARY
ArrayPrimaryRaw	Primary - Raw (KB)	Capacity of primary logical devices on the array or arrays in the group plus any capacity defined by the protection level for the devices	FLOAT	Not Key	ST_PRIMARY_RAW
ArrayConfigRaw	Raw Configured (KB)	Array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key	ST_CONFIG_SUM_RAW
ArrayLocalRepRaw	Local Replica - Raw (KB)	Capacity of local replica devices on the arrays or arrays in the group plus any protection capacity defined for the devices	FLOAT	Not Key	ST_LOCAL_REPCAP_RAW
ArrayRemoteRepRaw	Remote Replica - Raw (KB)	Capacity of remote replica devices on the array or arrays in the group plus any capacity defined by the protection level for the devices	FLOAT	Not Key	ST_REMOTE_REPCAP_RAW

Table 115 SRMArrayByGroupMetrics (6 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayAllocRaw	Raw Allocated (KB)	Raw array capacity that has been configured into devices or groups, and then reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key	ST_ALLOCATED_RAW
ArrayUnAllocRaw	Raw Unallocated (KB)	Configured capacity on the array or arrays in the group not yet allocated for array internal use or for host use plus any capacity defined by the protection level for devices.	FLOAT	Not Key	ST_UNALLOCATED_RAW
ArrayConfigNotAssignedTotal	Unassigned Configured (KB)	For a CLARiiON array, this is the portion of a RAID group not yet bound to any LUNs. For a Symmetrix, this is always zero (0). For all other array types, this is configured capacity not yet made into logical devices.	FLOAT	Not Key	ST_CONFIG_NOTASSIGNED
ArrayDeviceTotal	LUN Capacity (KB)	Usable LUN capacity on this array or the arrays in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	ST_DEVICE_TOTAL
ArrayFreeAccDevCount	# Unused Accessible LUNs	Number of host-accessible LUNs on the array or arrays in the group which have no file systems, raw databases, VMFS volumes, or RDMs on them. In the case of MVS, these are LUNs with no volume groups on them.	NUMBER	Not Key	ST_FREE_ACC_DEV_COUNT

Table 115 SRMArrByGroupMetrics (7 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayFreeAccDevTotal	Unused Accessible (KB)	Unused capacity of host-accessible LUNs on the array or arrays in the group	FLOAT	Not Key	ST_FREE_ACC_DEV_TOTAL
ArrayVMFSTotal	VMFS Capacity (KB)	Total capacity of VMFS file systems on this array or arrays in the group	FLOAT	Not Key	ST_VMFS_TOTAL
ArrayVMFSUsed	Used VMFS (KB)	VMFS capacity on this array or arrays in the group that is consumed by files	FLOAT	Not Key	ST_VMFS_USED
ArrayRDMRawTotal	Raw Disk/RDM (KB)	Raw disk and RDM capacity assigned to the virtual machine	FLOAT	Not Key	ST_RDMRAW_TOTAL

ArrayByGroupMetricsWeekly

This table contains weekly aggregations of array-related numerical data (counts and capacities) for each user-defined group that contains arrays. The table contains one row per group per week.

**Related
StorageScope API
views**

None

Table 116 ArrayByGroupMetricsWeekly (1 of 5)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both
ArrayRawTotalAvg	Physical Capacity - Avg. (KB)	During the period (week or month), the average capacity of the unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayRawTotalLast	Physical Capacity - Last (KB)	On the last day of the period (week or month), the capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayConfigRawAvg	Raw Configured - Avg. (KB)	During the period (week or month), the average amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key
ArrayConfigRawLast	Raw Configured - Last (KB)	On the last day of the period (week or month), the amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key

Table 116 **ArrayByGroupMetricsWeekly (2 of 5)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayConfigTotalAvg	Configured - Avg. (KB)	During the period (week or month), the average amount of logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayConfigTotalLast	Configured - Last (KB)	On the last day of the period (week or month) the amount of array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayUnconfigTotalLast	Unconfigured - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key
ArrayAllocRawMin	Raw Allocated - Min. (KB)	During the period (week or month), the minimum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawAvg	Raw Allocated - Avg. (KB)	During the period (week or month), the average amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawMax	Raw Allocated - Max. (KB)	During the period (week or month), the maximum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 116 **ArrayByGroupMetricsWeekly (3 of 5)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocRawLast	Raw Allocated - Last (KB)	On the last day of the period (week or month), the amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalLast	Allocated - Last (KB)	On the last day of the period (week or month), the amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key

Table 116 ArrayByGroupMetricsWeekly (4 of 5)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the minimum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the average amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the maximum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAllocSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayAllocIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayUnconfigTotalAvg	Unconfigured - Avg. (KB)	During the period (week or month), the average amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key

Table 116 **ArrayByGroupMetricsWeekly (5 of 5)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalAvg	Unused Accessible - Avg. (KB)	During the period (week or month), the average amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key

ArrayByGroupMetricsMonthly

This table contains monthly aggregations of array-related numerical data (counts and capacities) for each user-defined group that contains arrays. The table contains one row per group per month.

**Related
StorageScope API
views**

None

Table 117 ArrayByGroupMetricsMonthly (1 of 5)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both
ArrayRawTotalAvg	Physical Capacity - Avg. (KB)	During the period (week or month), the average capacity of the unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayRawTotalLast	Physical Capacity - Last (KB)	On the last day of the period (week or month), the capacity of all unformatted physical disks in the array or arrays in the group	FLOAT	Not Key
ArrayConfigRawAvg	Raw Configured - Avg. (KB)	During the period (week or month), the average amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key
ArrayConfigRawLast	Raw Configured - Last (KB)	On the last day of the period (week or month), the amount of array capacity configured into logical devices or formatted into groups plus any capacity defined by the protection level for the devices or groups. Includes allocated, unallocated, and unassigned configured capacity.	FLOAT	Not Key
ArrayConfigTotalAvg	Configured - Avg. (KB)	During the period (week or month), the average amount of logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 117 **ArrayByGroupMetricsMonthly (2 of 5)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayConfigTotalLast	Configured - Last (KB)	On the last day of the period (week or month) the amount of array logical device or formatted group capacity that is usable. Includes allocated, unallocated, and unassigned configured capacity. Does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayUnconfigTotalLast	Unconfigured - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key
ArrayAllocRawMin	Raw Allocated - Min. (KB)	During the period (week or month), the minimum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawAvg	Raw Allocated - Avg. (KB)	During the period (week or month), the average amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawMax	Raw Allocated - Max. (KB)	During the period (week or month), the maximum amount of raw configured array capacity reserved for internal and host use. Includes the usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocRawLast	Raw Allocated - Last (KB)	On the last day of the period (week or month), the amount of raw configured array capacity reserved for internal and host use. Includes usable capacity and any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key

Table 117 ArrayByGroupMetricsMonthly (3 of 5)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAllocTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAllocTotalLast	Allocated - Last (KB)	On the last day of the period (week or month), the amount of array capacity that has been configured into devices or groups, and then reserved for internal and host use. This is usable capacity which does not include any capacity defined by the protection level for the devices and groups.	FLOAT	Not Key
ArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key
ArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array or arrays in the group accessible to hosts	FLOAT	Not Key

Table 117 **ArrayByGroupMetricsMonthly (4 of 5)**

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the minimum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the average amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of host-accessible capacity on the array or arrays in the group occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the maximum amount of volume group capacity on the array or arrays in the group that is used.	FLOAT	Not Key
ArrayAllocSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayAllocIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ArrayUnconfigTotalAvg	Unconfigured - Avg. (KB)	During the period (week or month), the average amount of capacity on the array or arrays in the group not yet configured into logical devices or formatted into groups plus capacity that has no defined protection level	FLOAT	Not Key

Table 117 ArrayByGroupMetricsMonthly (5 of 5)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key
ArrayFreeAccDevTotalAvg	Unused Accessible - Avg. (KB)	During the period (week or month), the average amount of unused host-accessible LUN capacity on the array or arrays in the group	FLOAT	Not Key

Group tables

The following section contains the tables related to user-defined groups.

- ◆ SRMGroup 324
- ◆ SRMGroupMO 326
- ◆ SRMAIMO 328

SRMGroup

This table contains basic configuration information about user-defined groups found in the ControlCenter Repository. The table contains one row per user-defined group.

**Related
StorageScope API
views**

[“STS_GROUP” on page 130](#)

Table 118 SRMGroup (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	PK	None
GroupID	Group ID	Internal ControlCenter Repository identifier for the group	INTEGER	Not Key	GROUP_ID
GroupName	Group Name	Name of the group	VARCHAR2(128)	Not Key	GROUP_NAME
GroupPath	Group Path	Path to the group	VARCHAR2(4000)	Not Key	GROUP_PATH
ParentGroupKey	Parent Group Key	Internal StorageScope Repository identifier for the parent group of the group	INTEGER	FK	GROUP_PARENT_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
IsTop	Top Group?	Indicates whether or not the group is a top-level group. A top-level group is a group whose parent is the root All Groups group.	CHAR(1)	Not Key	IS_TOP

Table 118 SRMGroup (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsBottom	Bottom Group?	Indicates whether or not this is a group without subgroups. Y means that this group has no subgroups. A group can be a top-level group (its parent is the root All Groups) and a bottom group (no subgroups) at the same time.	CHAR(1)	Not Key	IS_BOTTOM
LevelsBelowRoot	Group Depth	Indicates the position of the group relative to the root All Groups group. The All Groups group is at group level negative one (-1). A top-level group (a group whose parent is All Groups) has a group level of zero (0).	NUMBER(3)	Not Key	LEVELS_BELOW_ROOT
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMGroupMO

This table contains a list of user-defined groups and their members (managed objects). The table contains one row for each unique combination of group and group member. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_GROUPMO” on page 132](#)

Table 119 SRMGroupMO (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	MO_GROUP_ID
MOKey	Object Key	Internal StorageScope Repository identifier for the object	INTEGER	PK	MO_ID
MOType	Object Type	Type of managed object	VARCHAR2(64)	PK	MO_TYPE
IsLeaf	Group Leaf?	Indicates whether or not the object is a member (leaf) of the specific group. One (1) means the object is a leaf of the group, and zero (0) means it is not.	INTEGER	Not Key	IS_LEAF

Table 119 SRMGroupMO (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMAIIMO

This table lists all managed objects found in the ControlCenter Repository. The table contains one row per managed object. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_ALLMO” on page 51](#)

Table 120 SRMAIIMO

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
MOKey	Object Key	Internal StorageScope Repository identifier for the object	INTEGER	PK	MO_ID
MOType	Object Type	Type of managed object	VARCHAR2(64)	Not Key	MO_TYPE

Connectivity tables

The following section contains the tables related to connectivity devices (switches and fabrics).

- ◆ SRMSwitch..... 330
- ◆ SRMSwitchMetrics 333
- ◆ SwitchMetricsWeekly 334
- ◆ SwitchMetricsMonthly..... 336
- ◆ SRMSwitchPort 338
- ◆ SRMSwitchPortConnection..... 340
- ◆ SRMSwitchPortToFabric..... 342
- ◆ SRMSwitchToFabric 343
- ◆ SRMSwitchFabrics 344
- ◆ SRMSwitchFabricsMetrics..... 347
- ◆ SwitchFabricsMetricsWeekly 348
- ◆ SwitchFabricsMetricsMonthly 351
- ◆ SRMSwitchActiveZoneSet..... 354
- ◆ SRMSwitchActiveZoneSetMember..... 355
- ◆ SRMSwitchUnZonedPort 357
- ◆ SRMSwitchByGroupMetrics 358

SRMSwitch

This table contains basic configuration information for each switch found in the ControlCenter Repository. The table contains one row per switch.

Related StorageScope API views

[“STS_SWITCH” on page 218](#)

Table 121 SRMSwitch (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	PK	ST_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	SITE_ID
SwitchID	Switch ID	Internal ControlCenter Repository identifier for the switch	INTEGER	Not Key	ST_ID
SwitchSerialNumber	Switch WWN	World Wide Name (WWN) of the switch	VARCHAR2(256)	Not Key	ST_SN
SwitchAlias	Switch Name	User-defined name (alias) or system-assigned name of the switch	VARCHAR2(256)	Not Key	ST_ALIAS
SwitchModel	Switch Model	Switch model	VARCHAR2(128)	Not Key	ST_MODEL
SwitchVersion	Switch Firmware Version	Version of the switch firmware	VARCHAR2(256)	Not Key	ST_VERSION
SwitchVendor	Switch Vendor	Vendor of the switch	VARCHAR2(64)	Not Key	ST_VENDOR
SwitchManagementURL	URL	URL of the switch management interface	VARCHAR2(256)	Not Key	SW_MANAGEMENTURL
SwitchIPAddress	IP Address	IP address of the switch management interface	VARCHAR2(256)	Not Key	None

Table 121 SRMSwitch (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FabricWWN	Fabric WWN	World Wide Name (WWN) of the principal logical switch in the fabric or VSAN	VARCHAR2(64)	Not Key	FB_WWN
IsPrincipal	Principal?	Indicates whether or not the switch is the principal switch in the fabric	VARCHAR2(16)	Not Key	SW_PRINCIPAL
IsZoningEnabled	Zoning Enabled?	Indicates whether or not zoning is enabled for the switch	VARCHAR2(16)	Not Key	SW_ZONINGENABLED
Domain	Domain	Identifier for the domain to which the switch belongs	VARCHAR2(64)	Not Key	SW_DOMAIN
FabricCount	# Fabrics	Number of fabrics in which the switch participates. For Cisco switches, this is a count of the logical fabrics defined on the switch. For non-Cisco switches, only the physical fabric in which the switch participates is counted so the number of fabrics will always be 1.	NUMBER	Not Key	SW_FABRICCOUNT
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 121 SRMSwitch (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMSwitchMetrics

This table contains up to 42 days (six weeks) of numerical data (for example, port counts) for each switch. The table contains one row for each day the switch is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_SWITCH” on page 218](#)

Table 122 SRMSwitchMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	Both	ST_ID
SWPortCount	# Switch Ports	Number of ports on the switch or the switches in the group	NUMBER	Not Key	SW_PORTCOUNT
SWFreePortCount	# Free Ports	Number of free ports on the switch	NUMBER	Not Key	SW_PORTCOUNT_FREE
SWArrayConnPortCount	# Ports to Storage	Number of switch ports connected to storage arrays	NUMBER	Not Key	SW_PORTCOUNT_STARRAY
SWHBAConnPortCount	# Ports to Hosts/HBAs	Number of switch ports connected to hosts/HBAs	NUMBER	Not Key	SW_PORTCOUNT_HBAS
SWISLPortCount	# ISL Ports	Number of inter-switch links	NUMBER	Not Key	SW_PORTCOUNT_SWITCH
SWUnknownConnPortCount	# Ports to Unidentified	Number of switch ports connected to unidentified ports	NUMBER	Not Key	SW_PORTCOUNT_UNKNOWN

SwitchMetricsWeekly

This table contains weekly aggregations of numerical data (for example, port counts) for each switch. The table contains one row per switch per week.

Related
StorageScope API
views

None

Table 123 SwitchMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	Both
SWPortCountAvg	# Switch Ports - Avg.	During the period (week or month), the average number of ports on the switch or the switches in the group	NUMBER	Not Key
SWPortCountLast	# Switch Ports - Last	On the last day of the period (week or month), the number of ports on the switch or the switches in the group	NUMBER	Not Key
SWFreePortCountMin	# Free Ports - Min.	During the period (week or month), the maximum number of free ports on the switch	NUMBER	Not Key
SWFreePortCountAvg	# Free Ports - Avg.	During the period (week or month), the average number of free ports on the switch	NUMBER	Not Key
SWFreePortCountMax	# Free Ports - Max.	During the period (week or month), the maximum number of free ports on the switch	NUMBER	Not Key
SWArrayConnPortCountMin	# Ports to Storage - Min.	During the period (week or month), the minimum number of switch ports connected to storage arrays	NUMBER	Not Key

Table 123 SwitchMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SWArrayConnPortCountAvg	# Ports to Storage - Avg.	During the period (week or month), the average number of switch ports connected to storage arrays	NUMBER	Not Key
SWArrayConnPortCountMax	# Ports to Storage - Max.	During the period (week or month), the maximum number of switch ports connected to storage arrays	NUMBER	Not Key
SWHBAConnPortCountMin	# Ports to Hosts/HBAs - Min.	During the period (week or month), the minimum number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWHBAConnPortCountAvg	# Ports to Hosts/HBAs - Avg.	During the period (week or month), the average number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWHBAConnPortCountMax	# Ports to Hosts/HBAs - Max.	During the period (week or month), the maximum number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWISLPortCountMin	# ISL Ports - Min.	During the period (week or month), the minimum number of inter-switch links	NUMBER	Not Key
SWISLPortCountAvg	# ISL Ports - Avg.	During the period (week or month), the average number of inter-switch links	NUMBER	Not Key
SWISLPortCountMax	# ISL Ports - Max.	During the period (week or month), the maximum number of inter-switch links	NUMBER	Not Key
SWUnknownConnPortCountMin	# Ports to Unidentified - Min.	During the period (week or month), the minimum number of switch ports connected to unidentified ports	NUMBER	Not Key
SWUnknownConnPortCountAvg	# Ports to Unidentified - Avg.	During the period (week or month), the average number of switch ports connected to unidentified ports	NUMBER	Not Key
SWUnknownConnPortCountMax	# Ports to Unidentified - Max.	During the period (week or month), the maximum number of switch ports connected to unidentified ports	NUMBER	Not Key

SwitchMetricsMonthly

This table contains monthly aggregations of numerical data (for example, port counts) for each switch. The table contains one row per switch per month.

Related
StorageScope API
views

None

Table 124 SwitchMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	Both
SWPortCountAvg	# Switch Ports - Avg.	During the period (week or month), the average number of ports on the switch or the switches in the group	NUMBER	Not Key
SWPortCountLast	# Switch Ports - Last	On the last day of the period (week or month), the number of ports on the switch or the switches in the group	NUMBER	Not Key
SWFreePortCountMin	# Free Ports - Min.	During the period (week or month), the maximum number of free ports on the switch	NUMBER	Not Key
SWFreePortCountAvg	# Free Ports - Avg.	During the period (week or month), the average number of free ports on the switch	NUMBER	Not Key
SWFreePortCountMax	# Free Ports - Max.	During the period (week or month), the maximum number of free ports on the switch	NUMBER	Not Key
SWArrayConnPortCountMin	# Ports to Storage - Min.	During the period (week or month), the minimum number of switch ports connected to storage arrays	NUMBER	Not Key

Table 124 SwitchMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SWArrayConnPortCountAvg	# Ports to Storage - Avg.	During the period (week or month), the average number of switch ports connected to storage arrays	NUMBER	Not Key
SWArrayConnPortCountMax	# Ports to Storage - Max.	During the period (week or month), the maximum number of switch ports connected to storage arrays	NUMBER	Not Key
SWHBAConnPortCountMin	# Ports to Hosts/HBAs - Min.	During the period (week or month), the minimum number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWHBAConnPortCountAvg	# Ports to Hosts/HBAs - Avg.	During the period (week or month), the average number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWHBAConnPortCountMax	# Ports to Hosts/HBAs - Max.	During the period (week or month), the maximum number of switch ports connected to hosts/HBAs	NUMBER	Not Key
SWISLPortCountMin	# ISL Ports - Min.	During the period (week or month), the minimum number of inter-switch links	NUMBER	Not Key
SWISLPortCountAvg	# ISL Ports - Avg.	During the period (week or month), the average number of inter-switch links	NUMBER	Not Key
SWISLPortCountMax	# ISL Ports - Max.	During the period (week or month), the maximum number of inter-switch links	NUMBER	Not Key
SWUnknownConnPortCountMin	# Ports to Unidentified - Min.	During the period (week or month), the minimum number of switch ports connected to unidentified ports	NUMBER	Not Key
SWUnknownConnPortCountAvg	# Ports to Unidentified - Avg.	During the period (week or month), the average number of switch ports connected to unidentified ports	NUMBER	Not Key
SWUnknownConnPortCountMax	# Ports to Unidentified - Max.	During the period (week or month), the maximum number of switch ports connected to unidentified ports	NUMBER	Not Key

SRMSwitchPort

This table provides basic configuration information about switch ports. The table contains one row per switch port. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_SWITCH_PORT” on page 223](#)

Table 125 SRMSwitchPort (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SwitchPortKey	Switch Port Key	Internal StorageScope Repository identifier for the switch port	INTEGER	PK	PORT_ID
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	FK	ST_ID
AdapterID	Adapter ID	Internal ControlCenter Repository identifier for the HBA, switch, or array adapter	INTEGER	Not Key	AD_ID
AdapterName	Adapter Name	Unique system-assigned name of the HBA, switch, or array adapter	VARCHAR2(256)	Not Key	AD_NAME
AdapterNumber	Adapter No.	Number of the HBA, switch, or array adapter	NUMBER	Not Key	ADAPTER_NUMBER
PortID	Port ID	Internal ControlCenter Repository identifier for the port	INTEGER	Not Key	PORT_ID
PortNumber	Port No.	Port number (host, switch, or NAS storage device)	NUMBER	Not Key	PORT_NUMBER

Table 125 SRMSwitchPort (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
PortAlias	Port Name	User-defined name (alias) or system-assigned name of the switch or NAS storage device port	VARCHAR2(514)	Not Key	ADPORT_ALIAS
PortType	Port Type	Type of switch port	VARCHAR2(32)	Not Key	PORT_TYPE
PortWWN	Port WWN	World Wide Name (WWN)of the HBA or switch port. N/A if iSCSI port.	VARCHAR2(64)	Not Key	PORT_WWN
PortStatus	Port Status	Status of the switch port	VARCHAR2(20)	Not Key	PORT_STATUS

SRMSwitchPortConnection

This table lists each switch port, its connected port, and the connected managed object. The table contains one row for each unique combination of switch port and connected port. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

- ◆ [“STS_SWITCH_PORT” on page 223](#)
- ◆ [“STS_SWITCH_PORT_TO_FABRIC” on page 226](#)

Table 126 SRMSwitchPortConnection (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SwitchPortKey	Switch Port Key	Internal StorageScope Repository identifier for the switch port	INTEGER	PK	PORT_ID
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	FK	ST_ID
AdapterID	Adapter ID	Internal ControlCenter Repository identifier for the HBA, switch, or array adapter	INTEGER	Not Key	AD_ID
AdapterName	Adapter Name	Unique system-assigned name of the HBA, switch, or array adapter	VARCHAR2(256)	Not Key	AD_NAME
AdapterNumber	Adapter No.	Number of the HBA, switch, or array adapter	NUMBER	Not Key	ADAPTER_NUMBER
PortID	Port ID	Internal ControlCenter Repository identifier for the port	INTEGER	Not Key	PORT_ID
PortNumber	Port No.	Port number (host, switch, or NAS storage device)	NUMBER	Not Key	PORT_NUMBER

Table 126 SRMSwitchPortConnection (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
PortAlias	Port Name	User-defined name (alias) or system-assigned name of the switch or NAS storage device port	VARCHAR2(514)	Not Key	ADPORT_ALIAS
PortType	Port Type	Type of switch port	VARCHAR2(32)	Not Key	PORT_TYPE
PortWWN	Port WWN	World Wide Name (WWN) of the HBA or switch port. N/A if iSCSI port.	VARCHAR2(64)	Not Key	PORT_WWN
PortStatus	Port Status	Status of the switch port	VARCHAR2(20)	Not Key	PORT_STATUS

SRMSwitchPortToFabric

This table shows the relationship between each switch port and the fabric to which it belongs. The table contains one row per unique switch port and fabric combination. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_SWITCH_PORT_TO_FABRIC” on page 226](#)

Table 127 SRMSwitchPortToFabric

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SwitchPortKey	Switch Port Key	Internal StorageScope Repository identifier for the switch port	INTEGER	FK	PORT_ID
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	FK	FB_ID

SRMSwitchToFabric

This table shows the relationship between switches and fabrics. The table contains one row per unique combination of switch and fabric. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_SWITCH_TO_FABRIC” on page 227](#)

Table 128 SRMSwitchToFabric

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	FK	FB_ID
SwitchKey	Switch Key	Internal StorageScope Repository identifier for the switch	INTEGER	FK	ST_ID

SRMSwitchFabrics

This table contains basic configuration information for each fabric found in the ControlCenter Repository. For Cisco switches, the fabrics that are reported are the VSANs defined on the physical switches. For all other switches (for example, Brocade and McData), the physical fabrics are reported. No distinction is made between VSANs and physical fabrics except that Not Applic. will appear in the VSAN ID (FBVSANID) column for a non-Cisco fabric. The table contains one row per fabric.

**Related
StorageScope API
views**

[“STS_SWITCH_FABRICS” on page 221](#)

Table 129 SRMSwitchFabrics (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	PK	FB_ID
FabricID	Fabric ID	Internal ControlCenter Repository identifier for the fabric	INTEGER	Not Key	FB_ID
FabricAlias	Fabric Name	User-defined name (alias) or system-assigned name of the fabric	VARCHAR2(4000)	Not Key	FB_ALIASNAME
FabricWWN	Fabric WWN	World Wide Name (WWN) of the principal logical switch in the fabric or VSAN	VARCHAR2(64)	Not Key	FB_WWN
DefaultZoneState	Default Zone State	Default zone state for the fabric. Applicable to Cisco fabrics only.	VARCHAR2(4000)	Not Key	FB_DEFAULTZONESTATE

Table 129 SRMSwitchFabrics (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ActiveZoneSetName	Active Zone Set Name	Name of the active zone set for the fabric. If zoning has not yet been imported for the fabric, Unknown is displayed in this field. If zoning has been imported, but there is no active zone set, this field is empty.	VARCHAR2(64)	Not Key	FB_ACTIVEZONESET_NAME
FBVSANID	VSAN ID	User-assigned identifier for a Cisco VSAN. If the fabric is not a Cisco VSAN, Not Applic. appears in this field.	VARCHAR2(50)	Not Key	FB_VSANID
InterOp	Interoperable?	Indicates whether the switches in the fabric are from multiple vendors (Yes or No). If the switches are from different vendors, they are considered interoperable.	VARCHAR2(4000)	Not Key	FB_INTEROPMODE
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 129 SRMSwitchFabrics (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMSwitchFabricsMetrics

This table contains up to 42 days (six weeks) of numerical data (for example, switch and switch port counts) for each fabric. The table contains one row for each day the fabric is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_SWITCH_FABRICS”](#) on page 221

Table 130 SRMSwitchFabricsMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	Both	FB_ID
FBSwitchCount	# Switches	Number of switches in the fabric	NUMBER	Not Key	FB_SWITCHCOUNT
FBPortCount	# Switch Ports	Number of switch ports in the fabric	NUMBER	Not Key	FB_PORTCOUNT
FBFreePortCount	# Free Ports	Number of free ports in the fabric	NUMBER	Not Key	FB_FREEPORTCOUNT
FBArrayPortCount	# Ports to Storage	Number of fabric ports connected to storage arrays	NUMBER	Not Key	FB_STORAGEPORTCOUNT
FBHostPortCount	# Ports to Hosts/HBAs	Number of fabric ports connected to hosts/HBAs	NUMBER	Not Key	FB_HOSTPORTCOUNT
FBISLPortCount	# ISL Ports	Number of inter-switch links in the fabric	NUMBER	Not Key	None
FBUnknownPortCount	# Ports to Unidentified	Number of fabric ports connected to unidentified ports	NUMBER	Not Key	FB_UNIDENTIFIEDCOUNT

SwitchFabricsMetricsWeekly

This table contains weekly aggregations of numerical data (for example, switch and switch port counts) for each switch. The table contains one row per fabric per week.

Related StorageScope API views

None

Table 131 SwitchFabricsMetricsWeekly (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	Both
FBSwitchCountAvg	# Switches - Avg.	During the period (week or month), the average number of switches in the fabric	NUMBER	Not Key
FBSwitchCountLast	# Switches - Last	On the last day of the period (week or month), the number of switches in the fabric	NUMBER	Not Key
FBPortCountAvg	# Switch Ports - Avg.	During the period (week or month), the average number of switch ports in the fabric	NUMBER	Not Key
FBPortCountLast	# Switch Ports - Last	On the last day of the period (week or month), the number of switch ports in the fabric	NUMBER	Not Key
FBFreePortCountMin	# Free Ports - Min.	During the period (week or month), the minimum number of free ports in the fabric	NUMBER	Not Key
FBFreePortCountAvg	# Free Ports - Avg.	During the period (week or month), the average number of free ports in the fabric	NUMBER	Not Key
FBFreePortCountMax	# Free Ports - Max.	During the period (week or month), the maximum number of free ports in the fabric	NUMBER	Not Key

Table 131 SwitchFabricsMetricsWeekly (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FBArrayPortCountMin	# Ports to Storage - Min.	During the period (week or month), the minimum number of fabric ports connected to storage arrays	NUMBER	Not Key
FBArrayPortCountAvg	# Ports to Storage - Avg.	During the period (week or month), the average number of fabric ports connected to storage arrays	NUMBER	Not Key
FBArrayPortCountMax	# Ports to Storage - Max.	During the period (week or month), the maximum number of fabric ports connected to storage arrays	NUMBER	Not Key
FBHostPortCountMin	# Ports to Hosts/HBAs - Min.	During the period (week or month), the minimum number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBHostPortCountAvg	# Ports to Hosts/HBAs - Avg.	During the period (week or month), the average number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBHostPortCountMax	# Ports to Hosts/HBAs - Max.	During the period (week or month), the maximum number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBISLPortCountMin	# ISL Ports - Min.	During the period (week or month), the minimum number of inter-switch links in the fabric	NUMBER	Not Key
FBISLPortCountAvg	# ISL Ports - Avg.	During the period (week or month), the average number of inter-switch links in the fabric	NUMBER	Not Key
FBISLPortCountMax	# ISL Ports - Max.	During the period (week or month), the maximum number of inter-switch links in the fabric	NUMBER	Not Key

Table 131 SwitchFabricsMetricsWeekly (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FBUknownPortCountMin	# Ports to Unidentified - Min.	During the period (week or month), the minimum number of fabric ports connected to unidentified ports	NUMBER	Not Key
FBUknownPortCountAvg	# Ports to Unidentified - Avg.	During the period (week or month), the average number of fabric ports connected to unidentified ports	NUMBER	Not Key
FBUknownPortCountMax	# Ports to Unidentified - Max.	During the period (week or month), the maximum number of fabric ports connected to unidentified ports	NUMBER	Not Key

SwitchFabricsMetricsMonthly

This table contains monthly aggregations of numerical data (for example, switch and switch port counts) for each switch. The table contains one row per fabric per month.

**Related
StorageScope API
views**

None

Table 132 SwitchFabricsMetricsMonthly (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FabricKey	Fabric Key	Internal StorageScope Repository identifier for the fabric	INTEGER	Both
FBSwitchCountAvg	# Switches - Avg.	During the period (week or month), the average number of switches in the fabric	NUMBER	Not Key
FBSwitchCountLast	# Switches - Last	On the last day of the period (week or month), the number of switches in the fabric	NUMBER	Not Key
FBPortCountAvg	# Switch Ports - Avg.	During the period (week or month), the average number of switch ports in the fabric	NUMBER	Not Key
FBPortCountLast	# Switch Ports - Last	On the last day of the period (week or month), the number of switch ports in the fabric	NUMBER	Not Key
FBFreePortCountMin	# Free Ports - Min.	During the period (week or month), the minimum number of free ports in the fabric	NUMBER	Not Key
FBFreePortCountAvg	# Free Ports - Avg.	During the period (week or month), the average number of free ports in the fabric	NUMBER	Not Key
FBFreePortCountMax	# Free Ports - Max.	During the period (week or month), the maximum number of free ports in the fabric	NUMBER	Not Key

Table 132 SwitchFabricsMetricsMonthly (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FBArrayPortCountMin	# Ports to Storage - Min.	During the period (week or month), the minimum number of fabric ports connected to storage arrays	NUMBER	Not Key
FBArrayPortCountAvg	# Ports to Storage - Avg.	During the period (week or month), the average number of fabric ports connected to storage arrays	NUMBER	Not Key
FBArrayPortCountMax	# Ports to Storage - Max.	During the period (week or month), the maximum number of fabric ports connected to storage arrays	NUMBER	Not Key
FBHostPortCountMin	# Ports to Hosts/HBAs - Min.	During the period (week or month), the minimum number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBHostPortCountAvg	# Ports to Hosts/HBAs - Avg.	During the period (week or month), the average number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBHostPortCountMax	# Ports to Hosts/HBAs - Max.	During the period (week or month), the maximum number of fabric ports connected to hosts/HBAs	NUMBER	Not Key
FBISLPortCountMin	# ISL Ports - Min.	During the period (week or month), the minimum number of inter-switch links in the fabric	NUMBER	Not Key
FBISLPortCountAvg	# ISL Ports - Avg.	During the period (week or month), the average number of inter-switch links in the fabric	NUMBER	Not Key
FBISLPortCountMax	# ISL Ports - Max.	During the period (week or month), the maximum number of inter-switch links in the fabric	NUMBER	Not Key

Table 132 SwitchFabricsMetricsMonthly (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FBUknownPortCountMin	# Ports to Unidentified - Min.	During the period (week or month), the minimum number of fabric ports connected to unidentified ports	NUMBER	Not Key
FBUknownPortCountAvg	# Ports to Unidentified - Avg.	During the period (week or month), the average number of fabric ports connected to unidentified ports	NUMBER	Not Key
FBUknownPortCountMax	# Ports to Unidentified - Max.	During the period (week or month), the maximum number of fabric ports connected to unidentified ports	NUMBER	Not Key

SRMSwitchActiveZoneSet

This table contains a list of active zone sets and their attributes. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ACTIVE_ZONESET” on page 48](#)

Table 133 SRMSwitchActiveZoneSet

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ActiveZoneSetKey	Active Zone Set Key	Internal StorageScope Repository identifier for the active zone set	INTEGER	PK	ZONESET_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
ZoneSetID	Zone Set ID	Internal ControlCenter Repository identifier for the zone set	INTEGER	Not Key	ZONESET_ID
ZoneSetName	Zone Set Name	User-defined name of the zone set	VARCHAR2(64)	Not Key	ZONESET_NAME
FabricID	Fabric ID	Internal ControlCenter Repository identifier for the fabric	INTEGER	Not Key	FB_ID
FabricAlias	Fabric Name	User-defined name (alias) or system-assigned name of the fabric	VARCHAR2(4000)	Not Key	FB_ALIASNAME
FabricWWN	Fabric WWN	World Wide Name (WWN) of the principal logical switch in the fabric or VSAN	VARCHAR2(64)	Not Key	FB_WWN
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

SRMSwitchActiveZoneSetMember

This table contains a list of members of active zone sets. The table contains one row per unique combination of member and active zone set. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ACTIVE_ZONESET” on page 48](#)

Table 134 SRMSwitchActiveZoneSetMember (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ActiveZoneSetKey	Active Zone Set Key	Internal StorageScope Repository identifier for the active zone set	INTEGER	FK	ZONESET_ID
ZoneName	Zone Name	User-defined name of the zone	VARCHAR2(64)	Not Key	ZONE_NAME
ZoneType	Zoning Type	Type of zoning for the zone set member	VARCHAR2(16)	Not Key	ZONE_TYPE
ZoneMember	Zone Member	Zone member World Wide Name (WWN), Fibre Channel ID (FCID), or domain/port combination depending upon the zoning type	VARCHAR2(128)	Not Key	ZONE_MEMBER
SlotNumber	Slot Number	Slot number for a Cisco switch port if switch port zoning is used. Otherwise, this field is empty (null value).	NUMBER	Not Key	SLOT_NUMBER
PortNumber	Port No.	Port number (host, switch, or NAS storage device)	NUMBER	Not Key	PORT_NUMBER

Table 134 SRMSwitchActiveZoneSetMember (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
MemberSystemKey	Member ID	Internal StorageScope Repository identifier for system on which the zone set member resides	INTEGER	Not Key	MO_ID
MemberSystemName	Member System Name	User-defined or system-assigned name of the system on which the zone set member resides	VARCHAR2(256)	Not Key	MO_NAME
MemberSystemType	Member System Type	Type of system on which the zone set member resides	VARCHAR2(256)	Not Key	MO_TYPE

SRMSwitchUnZonedPort

This table lists end node ports that are not in any zone set (neither active or inactive). Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_UNZONED_ENDNODEPORT” on page 229](#)

Table 135 SRMSwitchUnZonedPort

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
EndNodePortWWN	End Port WWN	World Wide Name (WWN) of the unzoned end port	VARCHAR2(64)	Not Key	ENDNODE_PORT_WWN
EndNodePortVendor	End Port Vendor	Vendor of the end port	VARCHAR2(256)	Not Key	ENDNODE_PORT_VENDORNAME
PortSystemKey	Port System Key	Internal StorageScope Repository identifier for the system on which the unzoned port resides	INTEGER	Not Key	MO_ID
PortSystemName	Port System Name	User-defined or system-assigned name of the system on which the unzoned end port resides (for example, the array name if the end port is on an array)	VARCHAR2(256)	Not Key	MO_NAME
PortSystemType	Port System Type	Type of system on which the unzoned port resides	VARCHAR2(256)	Not Key	MO_TYPE

SRMSwitchByGroupMetrics

This table contains up to 42 days (six weeks) of switch-related numerical data (for example, switch port counts) for each user-defined group that contains switches. The table contains one row for each day the group is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_SWITCH_BY_GROUP” on page 220](#)

Table 136 SRMSwitchByGroupMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
SwitchCount	# Switches	Number of switches in the group and subgroups	NUMBER	Not Key	GRP_SWCOUNT
SWPortCount	# Switch Ports	Number of ports on the switch or the switches in the group	NUMBER	Not Key	SW_PORTCOUNT
SWArrayConnPortCount	# Ports to Storage	Number of switch ports connected to storage arrays	NUMBER	Not Key	SW_PORTCOUNT_STARRAY
SWHBAConnPortCount	# Ports to Hosts/HBAs	Number of switch ports connected to hosts/HBAs	NUMBER	Not Key	SW_PORTCOUNT_HBA
SWISLPortCount	# ISL Ports	Number of inter-switch links	NUMBER	Not Key	SW_PORTCOUNT_SWITCH
SWUnknownConnPortCount	# Ports to Unidentified	Number of switch ports connected to unidentified ports	NUMBER	Not Key	SW_PORTCOUNT_UNKNOWN

Host tables

The following section contains the tables related to hosts (regular, ESX Servers, and virtual machines).

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SRMHost

This table contains basic configuration information for each host (regular, ESX Server, or virtual machine) found in the ControlCenter Repository. The table contains one row per host.

Related StorageScope API views

[“STS_HOST” on page 133](#)

Table 137 SRMHost (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	PK	None
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
HostID	Host ID	Internal ControlCenter Repository identifier for the host	INTEGER	Not Key	HOST_ID
HostName	Host System Name	Unique system-assigned name for the host. Depending on the object selected, this may be the name of a regular host, an ESX Server, or a virtual machine (VM).	VARCHAR2(256)	Not Key	HOST_NAME
HostAlias	Host Name	User-defined name (alias) or system-assigned name of the host	VARCHAR2(256)	Not Key	HOST_ALIAS
HostDomain	Host Domain	Domain in which the host resides	VARCHAR2(256)	Not Key	HOST_DOMAIN
HostModel	Host Model	Host model	VARCHAR2(128)	Not Key	HOST_MODEL
HostIP	Primary IP Address	Primary IP address of the host	VARCHAR2(16)	Not Key	HOST_IP
HostVendorName	Host OS Vendor	Vendor of the host operating system	VARCHAR2(64)	Not Key	HOST_VENDORNAME

Table 137 SRMHost (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostCpuCount	# CPUs	Number of CPUs in the host	NUMBER	Not Key	HOST_CPUCOUNT
HostInstalledMemory	Host Memory (MB)	Amount of memory installed in the host	FLOAT	Not Key	HOST_INSTALLEDMEMORY
HostOS	Host OS	Name of the host operating system	VARCHAR2(64)	Not Key	HOST_OS
HostOSVersion	Host OS Version	Host operating system version	VARCHAR2(64)	Not Key	HOST_OSVERSION
HostOSRelease	Host OS Release	Host operating system release	VARCHAR2(64)	Not Key	HOST_OSRELEASE
HostOSLevel	Host OS Level	Host operating system level	VARCHAR2(64)	Not Key	HOST_OSLEVEL
HostOSClass	Host OS Type	Type of host operating system	VARCHAR2(20)	Not Key	HOST_OSCCLASS
PowerPathVersion	PowerPath Version	Version of the PowerPath software	VARCHAR2(255)	Not Key	HOST_POWERPATH_VERSION
HostAge	Days Since Last Discovered	Number of days since the host was last discovered	INTEGER	Not Key	HOST_AGE
GMTOffset	GMT Offset	GMT offset	INTEGER	Not Key	GMTOffset
IsClustered	Clustered?	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	VARCHAR2(3)	Not Key	IS_CLUSTERED
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	HOST_LASTDISCOVERYTIME
HostType	Host Type	Type of host. Types include Host, ESX Server, Host Cluster, and Virtual Machine.	VARCHAR2(32)	Not Key	HOST_TYPE

Table 137 SRMHost (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMHostMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each host. The table contains one row for each day the host is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_HOST” on page 133](#)

Table 138 SRMHostMetrics (1 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
HostInternalTotal	Internal/JBOD (KB)	Capacity of internal disks and JBOD accessible to the host or hosts in the group	FLOAT	Not Key	HOST_INTDISK_TOTAL
HostArrayAccessible	Accessible (KB)	Usable capacity on the array that is accessible to the host or hosts in the group	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE
HostArrayAccessibleRaw	Raw Accessible (KB)	Amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE_RAW
FSCount	# File Systems	Number of file systems on the host or hosts in the group	NUMBER	Not Key	HOST_FSCOUNT

Table 138 SRMHostMetrics (2 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FSTotal	File System (KB)	Capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_TOTAL
FSUsed	Used File System (KB)	File system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_USED
DBCCount	# Databases	Number of databases on the host or hosts in the group	NUMBER	Not Key	HOST_DBCOUNT
DBTotal	Database Capacity (KB)	Capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key	DB_TOTAL
DBUsed	Used Database(KB)	Amount of database capacity used by data files, log files, and database overhead	INTEGER	Not Key	DB_USED
ExchangeTotal	Reserved for Future Use	reserved for future use	FLOAT	Not Key	None
ExchangeCount	Reserved for Future Use	Reserved for future use	NUMBER	Not Key	None
VGCount	# Volume Groups	Number of volume groups	NUMBER	Not Key	HOST_VGCOUNT
VGTotal	Volume Group (KB)	Total amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key	VG_TOTAL
VGUsed	Used Volume Group (KB)	Amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key	VG_USED

Table 138 SRMHostMetrics (3 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
LVCount	# Logical Volumes	Number of logical volumes in the volume group	NUMBER	Not Key	HOST_LVCOUNT
LVTotals	Logical Volume (KB)	Capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key	LVOL_TOTAL
LVUsed	Used Logical Volume (KB)	Amount of logical volume capacity allocated to file systems	FLOAT	Not Key	LVOL_USED
FSTotalOnArray	FS on Array (KB)	Capacity of file systems mounted on host devices that are mapped to array devices	FLOAT	Not Key	FS_TOTAL_ARRAY
FSUsedOnArray	Used FS on Array (KB)	Amount of file system capacity mounted exclusively on host devices mapped to array devices consumed by files and databases	FLOAT	Not Key	FS_USED_ARRAY
VGTotalOnArray	VG on Array (KB)	Capacity of volume groups residing either exclusively or partially on arrays	FLOAT	Not Key	VG_TOTAL_ARRAY
VGUsedOnArray	Used VG on Array (KB)	Amount of volume group capacity residing exclusively on arrays that is in use	FLOAT	Not Key	VG_USED_ARRAY
LVTotalsOnArray	LV on Array (KB)	Capacity of logical volumes that reside exclusively on host devices mapped to array devices	FLOAT	Not Key	LVOL_TOTAL_ARRAY
LVUsedOnArray	Used LV on Array (KB)	Amount of logical volume capacity residing exclusively on host devices mapped to array devices that is allocated to file systems	FLOAT	Not Key	LVOL_USED_ARRAY

Table 138 SRMHostMetrics (4 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBTotalOnArray	DB on Array (KB)	Capacity of databases that reside exclusively on arrays	FLOAT	Not Key	DB_TOTAL_ARRAY
DBUsedOnArray	Used DB on Array (KB)	Amount of database capacity residing exclusively on arrays consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_ARRAY
HostDevCount	# Host Devices	Number of host devices for the host or hosts in the group. Includes internal disks and accessible LUNs. For PowerPath devices, each physical path counts as one device.	NUMBER	Not Key	HOST_HDCOUNT
AccDevCount	# Accessible LUNs	Number of LUNs accessible to the host or hosts in the group	NUMBER	Not Key	HOST_ADCOUNT
AllocDevCount	# Allocated LUNs	Number of LUNs allocated to the host	NUMBER	Not Key	HOST_ALLDCOUNT
PowerPathDevCount	# PowerPath Devices	Number of PowerPath devices	NUMBER	Not Key	HOST_PPDEVCOUNT
PowerPathPhyPathCount	# PowerPath Physical Paths	Number of physical PowerPath paths from the host or group of hosts to storage devices	NUMBER	Not Key	HOST_PPPYPATHCOUNT
HostArrayAllocTotal	Allocated (KB)	Usable array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key	HOST_ARRAY_TOTAL

Table 138 SRMHostMetrics (5 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayAllocRaw	Raw Allocated (KB)	Array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, any associated local and remote replica capacity that is not directly accessible, and any capacity defined by the protection level for devices.	FLOAT	Not Key	HOST_ARRAY_TOTAL_RAW
RDMRawCount	# Raw Disk/RDM	Total number of raw disks and raw disk mapping (RDM) files	NUMBER	Not Key	RDM_RAW_COUNT
RDMRawTotal	Raw Disk/RDM (KB)	Total raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key	RDM_RAW_TOTAL
NetworkFSFileTotal	Network File System (KB)	Capacity of VMFS file systems on remote systems	FLOAT	Not Key	NETWORKFS_FILE_TOTAL
SnapshotTotal	VM Snapshot (KB)	Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	FLOAT	Not Key	SNAPSHOT_TOTAL
VMFSCount	# VMFS	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	NUMBER	Not Key	VMFS_COUNT
VMFSTotal	VMFS Capacity (KB)	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFS_TOTAL
VMFSUsed	Used VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key	VMFS_USED

Table 138 SRMHostMetrics (6 of 6)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMFSFree	Free VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	FLOAT	Not Key	VMFS_FREE
HostArrayAccessibleUsed	Used Accessible (KB)	Array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the amount of volume group capacity on the array that is used.	FLOAT	Not Key	HOST_ARRAY_ACC_USED
RawDBTotal	DB on Raw Devices (KB)	Total amount of array raw device capacity allocated to host databases	FLOAT	Not Key	RAWDB_TOTAL
RawDBUsed	Used DB on Raw Devices (KB)	Total amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key	RAWDB_USED
VMFSFileTotal	VMDK Capacity (KB)	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFSFILE_TOTAL
VMGuestCount	# Virtual Machines	Number of virtual machines. Applicable to ESX Servers only.	NUMBER	Not Key	VMGUEST_COUNT
VMFSFileArrayTotal	VMDK on Arrays (KB)	Capacity of VMDK files residing on arrays	FLOAT	Not Key	VMFSFILE_ARRAY_TOTAL

HostMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each host. The table contains one row per host per week.

Related
StorageScope API
views

None

Table 139 HostMetricsWeekly (1 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
HostArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key

Table 139 HostMetricsWeekly (2 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccRawMin	Raw Accessible - Min. (KB)	During the period (week or month), the minimum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawAvg	Raw Accessible - Avg. (KB)	During the period (week or month), the average amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawMax	Raw Accessible - Max. (KB)	During the period (week or month), the maximum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawLast	Raw Accessible - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 139 HostMetricsWeekly (3 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 139 HostMetricsWeekly (4 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key

Table 139 HostMetricsWeekly (5 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
ExchangeTotalMin	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

Table 139 HostMetricsWeekly (6 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ExchangeTotalAvg	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ExchangeTotalMax	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedLast	Used VMFS - Last (KB)	On the last day of the period (week or month), the amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalMax	VMFS Capacity - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key

Table 139 HostMetricsWeekly (7 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VMFSTotalLast	VMFS Capacity - Last (KB)	On the last day of the period (week or month), the total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key

Table 139 HostMetricsWeekly (8 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayAccUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
RawDBTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDBUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDBUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key

Table 139 HostMetricsWeekly (9 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
RDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
NetworkFSFileTotalMin	Network File System - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalMax	Network File System - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalAvg	Network File System - Avg. (KB)	During the period, the average capacity of VMFS file systems on remote systems	FLOAT	Not Key

HostMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each host. The table contains one row per host per month.

Related
StorageScope API
views

None

Table 140 HostMetricsMonthly (1 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
HostArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key

Table 140 HostMetricsMonthly (2 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccRawMin	Raw Accessible - Min. (KB)	During the period (week or month), the minimum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawAvg	Raw Accessible - Avg. (KB)	During the period (week or month), the average amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawMax	Raw Accessible - Max. (KB)	During the period (week or month), the maximum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawLast	Raw Accessible - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 140 HostMetricsMonthly (3 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 140 HostMetricsMonthly (4 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key

Table 140 HostMetricsMonthly (5 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
ExchangeTotalMin	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

Table 140 HostMetricsMonthly (6 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ExchangeTotalAvg	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ExchangeTotalMax	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalMax	VMFS Capacity - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalLast	VMFS Capacity - Last (KB)	On the last day of the period (week or month), the total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key

Table 140 HostMetricsMonthly (7 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VMFSUsedLast	Used VMFS - Last (KB)	On the last day of the period (week or month), the amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key

Table 140 HostMetricsMonthly (8 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayAccUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
RawDBTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDBUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDBUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDBUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key

Table 140 HostMetricsMonthly (9 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
RDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
NetworkFSFileTotalMin	Network File System - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalMax	Network File System - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalAvg	Network File System - Avg. (KB)	During the period, the average capacity of VMFS file systems on remote systems	FLOAT	Not Key

SRMHostCluster

Not currently supported. For future use.

Related
StorageScope API
views

None

Table 141 SRMHostCluster

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostClusterKey	Host Cluster Key	Internal StorageScope Repository identifier for the host cluster	INTEGER	Both
HostClusterID	Host Cluster ID	Internal ControlCenter Repository identifier for the host cluster	INTEGER	Not Key
HostClusterType	Host Cluster Type	Type of host cluster	VARCHAR2(64)	Not Key

SRMHostClusterMap

Not currently supported. For future use.

Related
StorageScope API
views

None

Table 142 SRMHostClusterMap

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostClusterKey	Host Cluster Key	Internal StorageScope Repository identifier for the host cluster	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both

SRMChargeBackMetrics

This table contains up to 42 days (six weeks) of service-related capacity information for each chargeback group of storage consumers and assets created in the ControlCenter Console. Chargeback groups can include hosts, file systems, databases, logical volumes, volume groups, host devices, and virtual machines. The table contains one row for each day the user-defined chargeback group is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_MO” on page 195](#)

Table 143 SRMChargeBackMetrics (1 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_KEY
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
HostCount	# Physical Hosts	Number of physical hosts in the group. Includes ESX Servers, but does not include virtual machines.	NUMBER	Not Key	GRP_HOSTCOUNT
HostInternalTotal	Internal/JBOD (KB)	Capacity of internal disks and JBOD accessible to the host or hosts in the group	FLOAT	Not Key	HOST_INTDISK_TOTAL
HostArrayAccessible	Accessible (KB)	Usable capacity on the array that is accessible to the host or hosts in the group	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE

Table 143 SRMChargeBackMetrics (2 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayAccessibleRaw	Raw Accessible (KB)	Amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE_RAW
HostArrayPrimaryAllocTotal	Primary - Allocated (KB)	Capacity on primary logical devices allocated for use by the host or hosts in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	HOST_ARRAY_ALLOCATED_PRI
HostArrayLocalRepTotal	Local Replica - Allocated (KB)	Capacity of local replicas associated with allocated primary devices and the capacity of local replicas directly accessible to the host or hosts in the group. Does not include any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REPLICAL_TOTAL
HostArrayRemoteRepTotal	Remote Replica - Allocated (KB)	Capacity of remote replicas associated with allocated primary devices and the capacity of remote replicas directly accessible to the host or hosts in the group. Does not include any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REPLIMATE_TOTAL
HostArrayAllocTotal	Allocated (KB)	Usable array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key	HOST_ARRAY_TOTAL

Table 143 SRMChargeBackMetrics (3 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FSCount	# File Systems	Number of file systems on the host or hosts in the group	NUMBER	Not Key	HOST_FSCOUNT
FSTotal	File System (KB)	Capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_TOTAL
FSUsed	Used File System (KB)	File system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_USED
VGCount	# Volume Groups	Number of volume groups	NUMBER	Not Key	HOST_VGCOUNT
VGTotal	Volume Group (KB)	Total amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key	VG_TOTAL
VGUsed	Used Volume Group (KB)	Amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key	VG_USED
LVCCount	# Logical Volumes	Number of logical volumes in the volume group	NUMBER	Not Key	HOST_LVCOUNT
LVTotat	Logical Volume (KB)	Capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key	LVOL_TOTAL
LVUsed	Used Logical Volume (KB)	Amount of logical volume capacity allocated to file systems	FLOAT	Not Key	LVOL_USED
DBCount	# Databases	Number of databases on the host or hosts in the group	NUMBER	Not Key	HOST_DBCOUNT

Table 143 SRMChargeBackMetrics (4 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBTotal	Database Capacity (KB)	Capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key	DB_TOTAL
DBUsed	Used Database(KB)	Amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key	DB_USED
RawDBTotal	DB on Raw Devices (KB)	Total amount of array raw device capacity allocated to host databases	FLOAT	Not Key	RAWDB_TOTAL
ExchangeCount	Reserved for Future Use	Reserved for future use	NUMBER	Not Key	None
ExchangeTotal	Reserved for Future Use	reserved for future use	FLOAT	Not Key	None
FSTotalOnArray	FS on Array (KB)	Capacity of file systems mounted on host devices that are mapped to array devices	FLOAT	Not Key	FS_TOTAL_ARRAY
FSUsedOnArray	Used FS on Array (KB)	Amount of file system capacity mounted exclusively on host devices mapped to array devices consumed by files and databases	FLOAT	Not Key	FS_USED_ARRAY
VGTotalOnArray	VG on Array (KB)	Capacity of volume groups residing either exclusively or partially on arrays	FLOAT	Not Key	VG_TOTAL_ARRAY
VGTotalOnInternal	VG on Int/JBOD (KB)	Capacity of volume groups that reside on internal disks or JBOD	FLOAT	Not Key	VG_TOTAL_JBOD
VGTotalOnArrayAndInternal	VG on Array & Int/JBOD (KB)	Capacity of volume groups residing partially on arrays and partially on internal disks or JBOD	FLOAT	Not Key	VG_TOTAL_BOTH

Table 143 SRMChargeBackMetrics (5 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VGUsedOnArray	Used VG on Array (KB)	Amount of volume group capacity residing exclusively on arrays that is in use	FLOAT	Not Key	VG_USED_ARRAY
LVTotalOnArray	LV on Array (KB)	Capacity of logical volumes that reside exclusively on host devices mapped to array devices	FLOAT	Not Key	LVOL_TOTAL_ARRAY
LVUsedOnArray	Used LV on Array (KB)	Amount of logical volume capacity residing exclusively on host devices mapped to array devices that is allocated to file systems	FLOAT	Not Key	LVOL_USED_ARRAY
DBTotalOnArray	DB on Array (KB)	Capacity of databases that reside exclusively on arrays	FLOAT	Not Key	DB_TOTAL_ARRAY
DBUsedOnArray	Used DB on Array (KB)	Amount of database capacity residing exclusively on arrays consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_ARRAY
GroupArrayAccTotal	Accessible (KB)	Amount of usable array capacity accessible to the host or hosts in the group	FLOAT	Not Key	GRP_ARRAY_ACCESSIBLE_TOTAL
GroupHostInternalTotal	Internal/JBOD (KB)	Capacity of internal disks and JBOD accessible to hosts in the group	FLOAT	Not Key	GRP_HOST_INTDISK_TOTAL

Table 143 SRMChargeBackMetrics (6 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayAllocRaw	Raw Allocated (KB)	Array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, any associated local and remote replica capacity that is not directly accessible, and any capacity defined by the protection level for devices.	FLOAT	Not Key	HOST_ARRAY_TOTAL_RAW
HostArrayPrimaryAllocRaw	Primary - Raw Allocated (KB)	Capacity on primary logical devices allocated for use by the host or hosts in the group. Also includes any capacity defined by the protection level for the devices.	FLOAT	Not Key	HOST_ARRAY_ALLOCATED_PRI_RAW
HostArrayLocalRepRaw	Local Replica - Raw Allocated (KB)	Capacity of local replicas associated with allocated primary devices and local replicas directly accessible to the host or the hosts in the group. Also includes any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REPLocal_ALLOC_RAW
HostArrayRemoteAllocRaw	Remote Replica - Raw Allocated (KB)	Capacity of remote replicas associated with allocated primary devices and the capacity of remote replicas directly accessible to the host or hosts in the group. Also includes any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REMOTE_ALLOC_RAW
VMFSCount	# VMFS	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	NUMBER	Not Key	VMFS_COUNT

Table 143 SRMChargeBackMetrics (7 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMFSTotal	VMFS Capacity (KB)	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFS_TOTAL
VMFSUsed	Used VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key	VMFS_USED
VMFSFree	Free VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	FLOAT	Not Key	VMFS_FREE
HostArrayAccessibleUsed	Used Accessible (KB)	Array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMs. For MVS hosts, this is the amount of volume group capacity on the array that is used.	FLOAT	Not Key	HOST_ARRAY_ACC_USED
RDMRawCount	# Raw Disk/RDM	Total number of raw disks and raw disk mapping (RDM) files	NUMBER	Not Key	RDM_RAW_COUNT
RDMRawTotal	Raw Disk/RDM (KB)	Total raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key	RDM_RAW_TOTAL
NetworkFSFileTotal	Network File System (KB)	Capacity of VMFS file systems on remote systems	FLOAT	Not Key	NETWORKFS_FILE_TOTAL
SnapshotTotal	VM Snapshot (KB)	Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	FLOAT	Not Key	SNAPSHOT_TOTAL

Table 143 SRMChargeBackMetrics (8 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMGuestCount	# Virtual Machines	Number of virtual machines. Applicable to ESX Servers only.	NUMBER	Not Key	VMGUEST_COUNT
VMFSFileArrayTotal	VMDK on Arrays (KB)	Capacity of VMDK files residing on arrays	FLOAT	Not Key	VMFSFILE_ARRAY_TOTAL
VMFSFileTotal	VMDK Capacity (KB)	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFSFILE_TOTAL

SRMHostDevice

This table contains configuration data about the host devices in each host. Host devices include internal disks as well as disks derived from storage arrays. The table contains one row per host device. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_DEVICE” on page 173](#)

Table 144 SRMHostDevice (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostDeviceKey	Host Device Key	Internal StorageScope Repository identifier for the host device	INTEGER	PK	HD_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
HostDeviceID	Host Device ID	Internal ControlCenter Repository identifier for the host device	INTEGER	Not Key	HD_ID
HDName	Host Device Name	Name of the host device	VARCHAR2(128)	Not Key	HD_NAME
HDType	Host Device Type	Type of host device (for example, GenericDevice, NASDiskVolume, ESXServerDevice)	VARCHAR2(64)	Not Key	HD_TYPE
HDVendor	Host Device Vendor	Vendor of the host device	VARCHAR2(64)	Not Key	HD_VENDOR
HDProduct	Host Device Identifier	Vendor identifier for the host device (internal disk, JBOD, virtual disk, or array)	VARCHAR2(64)	Not Key	HD_PRODUCT
HDRevision	Host Device Version	Version of the host device	VARCHAR2(32)	Not Key	HD_REVISION

Table 144 SRMHostDevice (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HDPowerPathDevID	Parent PowerPath Device ID	Internal ControlCenter Repository identifier for the parent PowerPath device	INTEGER	Not Key	HD_PPDEV_ID
HDPowerPathDevName	Parent PowerPath Device Name	Name of the parent PowerPath device	VARCHAR2(128)	Not Key	HD_PPDEV
IsPowerPathParent	PowerPath Parent?	Indicates whether or not this is a parent PowerPath device	VARCHAR2(3)	Not Key	IS_POWERPATH_PARENT
HDTotal	Host Device Capacity (KB)	Capacity of the host device	FLOAT	Not Key	HD_TOTAL
HDBlockSize	Block Size	Block size	FLOAT	Not Key	HD_BLOCKSIZE
HDNumberOfCylinders	# Cylinders	Number of cylinders	NUMBER	Not Key	HD_NUMCYLINDERS
HDSecondsPerTrack	# Sectors	Number of sectors per track	NUMBER	Not Key	HD_SECTORSTRACK
HDTracksPerCylinder	Tracks/Cylinder	Number of tracks per cylinder	NUMBER	Not Key	HD_TRACKCYLINDER
HDState	Host Device Status	Status of the host device. Valid values are Not Available, Error, No Errors, Access Denied, Invalid Unit, Not Ready, Read Only, and No Label.	VARCHAR2(16)	Not Key	HD_STATE
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
UsedByFileSystem	Used by File System?	Indicates whether or not the host device is used by a host file system	VARCHAR2(3)	Not Key	USED_BY_FS

Table 144 SRMHostDevice (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
UsedByVolumeGroup	Used by Volume Group?	Indicates whether or not the host device is used by a volume group	VARCHAR2(3)	Not Key	USED_BY_VG
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsPseudo	Pseudo Device?	Indicates whether or not the device is a pseudo device	VARCHAR2(3)	Not Key	IS_PSEUDO

SRMHostSharedDevice

This table contains information about array devices shared by more than one host. The table contains one row per unique combination of host device and array device. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_SHAREDDEVICE” on page 188](#)

Table 145 SRMHostSharedDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostDeviceKey	Host Device Key	Internal StorageScope Repository identifier for the host device	INTEGER	Both	HD_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	Both	SD_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
IsAllocated	Host Allocated?	Indicates whether or not the logical device is allocated to the host	VARCHAR2(10)	Not Key	ALLOCATED
AccessibleBy	Accessible By	If the LUN is accessible, indicates whether it is accessible to a host, HBA, iSCSI port, or NAS data mover. If the LUN is not accessible, this field is empty (null value).	VARCHAR2(10)	Not Key	ACCESSIBLE_BY

SRMHostHBA

This table contains information about the host bus adapters (HBAs) that each host uses to connect to networked storage. The table contains one row per unique combination of HBA and host. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_HBA” on page 183](#)

Table 146 SRMHostHBA (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HBAKey	Host Adapter Key	Internal StorageScope Repository identifier for the host adapter	INTEGER	PK	HOST_ADAPTER_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
AdapterID	Adapter ID	Internal ControlCenter Repository identifier for the HBA, switch, or array adapter	INTEGER	Not Key	AD_ID
AdapterName	Adapter Name	Unique system-assigned name of the HBA, switch, or array adapter	VARCHAR2(257)	Not Key	AD_NAME
AdapterNumber	Adapter No.	Number of the HBA, switch, or array adapter	NUMBER	Not Key	ADAPTER_NUMBER
AdapterModel	Adapter Model	Model of the HBA, switch, or array adapter	VARCHAR2(257)	Not Key	AD_MODEL
AdapterVendor	Adapter Vendor	Adapter vendor	VARCHAR2(257)	Not Key	AD_VENDOR
AdapterRevision	Adapter Firmware Version	Version of the adapter firmware	VARCHAR2(257)	Not Key	AD_REVISION
FibreAdapterNodeWWN	Node WWN	World Wide Name (WWN) of the node	VARCHAR2(64)	Not Key	FIBREAD_NODEWWN

Table 146 SRMHostHBA (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
AdapterPortCount	# Adapter Ports	Number of ports on the adapter	NUMBER	Not Key	AD_PORTCOUNT
AdapterDriverRevision	Adapter Driver Version	Version of the adapter driver	VARCHAR2(257)	Not Key	AD_DRIVER_REV
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

SRMHostHBAPort

This table contains information about the ports on host bus adapters (HBAs) used by hosts to connect to networked storage. The table contains one row per unique combination of port and HBA. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_HBA” on page 183](#)

Table 147 SRMHostHBAPort

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HBAKey	Host Adapter Key	Internal StorageScope Repository identifier for the host adapter	INTEGER	FK	HOST_ADAPTER_ID
PortKey	Port Key	Internal StorageScope Repository identifier for the port	NUMBER(38)	Not Key	None
PortId	Port ID	Internal ControlCenter Repository identifier for the port	NUMBER(38)	Not Key	PORT_ID
PortNumber	Port No.	Port number (host, switch, or NAS storage device)	NUMBER	Not Key	PORT_NUMBER
PortWWN	Port WWN	World Wide Name (WWN) of the HBA or switch port. N/A if iSCSI port.	VARCHAR2(64)	Not Key	PORT_WWN
ISCSIName	iSCSI Name	If an iSCSI port, the unique iSCSI name for the port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(256)	Not Key	ISCSI_NAME
AdapterPortAlias	Adapter Port Name	User-defined name (alias) or system-assigned name of the adapter port	VARCHAR2(512)	Not Key	ADPORT_ALIAS

SRMHostArrayMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each array utilized by a host. The table contains one row per unique combination of array and host for each day it is found in the ControlCenter Repository.

Related StorageScope API views

[“STS_HOSTOBJECTS_BY_GROUP” on page 143](#)

Table 148 SRMHostArrayMetrics (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
HostArrayAllocDevCount	# Allocated LUNs	Number of LUNs on the array allocated to the host	NUMBER	Not Key	HOST_ALLDCOUNT
HostArrayAllocated	Allocated (KB)	Usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key	HOST_ARRAY_ALLOCATED
HostArrayAccDevCount	# Accessible LUNs	Number of LUNs on the array accessible to the host	NUMBER	Not Key	None
HostArrayAccessible	Accessible (KB)	Usable capacity on the array that is accessible to the host or hosts in the group	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE

Table 148 SRMHostArrayMetrics (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayAccessibleUsed	Used Accessible (KB)	Array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used.	FLOAT	Not Key	HOST_ARRAY_ACC_USED
HostArrayFSTotal	File System (KB)	Capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	HOST_ARRAY_FS_TOTAL
HostArrayFSUsed	Used File System (KB)	File system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key	HOST_ARRAY_FS_USED
HostArrayRawDBTotal	DB on Raw Devices (KB)	Capacity of databases on array raw devices allocated to the host	FLOAT	Not Key	HOST_ARRAY_RAWDB_TOTAL
HostArrayRawDBUsed	Used DB on Raw Devices (KB)	Database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key	HOST_ARRAY_RAWDB_USED

Table 148 SRMHostArrayMetrics (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayFreeAccDevCount	# Unused Accessible LUNs	Number of LUNs accessible to the host or the hosts in the group which have no file systems, raw databases, VMFS volumes, or RDMs on them. In the case of MVS, these are LUNs with no volume groups on them.	NUMBER	Not Key	HOST_ARRAY_FREE_ACC_DEV_COUNT
HostArrayFreeAccDevTotal	Unused Accessible (KB)	Capacity of unused LUNs accessible to the host or hosts in the group	FLOAT	Not Key	HOST_ARRAY_FREE_ACC_DEV_TOTAL
HostArrayVMFSTotal	VMFS Capacity (KB)	Amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key	HOST_ARRAY_VMFS_TOTAL
HostArrayVMFSUsed	Used VMFS (KB)	Amount of accessible VMFS capacity on the array accessible to the ESX Server that is consumed by files	FLOAT	Not Key	HOST_ARRAY_VMFS_USED
HostArrayRDMRawTotal	Raw Disk/RDM (KB)	Raw disk and RDM capacity on the array assigned to the ESX Server	FLOAT	Not Key	HOST_ARRAY_RDMRAW_TOTAL

HostArrayMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each array utilized by a host. The table contains one row per unique combination of array and host per week.

Related
StorageScope API
views

None

Table 149 HostArrayMetricsWeekly (1 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
HostArrayAllocatedMin	Allocated - Min. (KB)	During the period (week or month), the amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key
HostArrayAllocatedMax	Allocated - Max. (KB)	During the period (week or month), the amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key
HostArrayAllocatedAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (2 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccessibleMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (3 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key
HostArrayFSTotalMin	File System - Min. (KB)	During the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSTotalMax	File System - Max. (KB)	During the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (4 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedMin	Used File System - Max. (KB)	During the period (week or month), the minimum amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (5 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayRawDBTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalLast	DB on Raw Devices - Last (KB)	On the last day of the period (week or month), the capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayRawDBUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (6 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayRawDBUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayRawDBUsedLast	Used DB on Raw Devices - Last (KB)	On the last day of the period (week or month), the amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayUsedIntercept	Reserved for Future	Reserved for future use	FLOAT	Not Key
HostArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayVMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayRDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount of raw disk and RDM capacity assigned to the ESX Server	FLOAT	Not Key
HostArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key

Table 149 HostArrayMetricsWeekly (7 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFreeAccDevTotalAvg	Unused Accessible - Avg.(KB)	During the period (week or month), the average amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayVMFSTotalMax	VMFS Capacity - Max (KB)	During the period (week or month), the maximum amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayVMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayRDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount of raw disk and RDM capacity assigned to the ESX Server	FLOAT	Not Key
HostArrayRDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount of raw disk and RDM capacity on the array assigned to the ESX Server	FLOAT	Not Key

HostArrayMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each array utilized by a host. The table contains one row per unique combination of array and host per month.

Related
StorageScope API
views

None

Table 150 HostArrayMetricsMonthly (1 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both
HostArrayAllocatedMin	Allocated - Min. (KB)	During the period (week or month), the amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key
HostArrayAllocatedAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key
HostArrayAllocatedMax	Allocated - Max. (KB)	During the period (week or month), the amount of usable capacity on the array allocated to the host. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (2 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccessibleMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccessibleLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable capacity on the array that is accessible to the host	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (3 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key
HostArrayFSTotalMin	File System - Min. (KB)	During the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSTotalMax	File System - Max. (KB)	During the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (4 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems which reside exclusively on the array that are mounted on the host. Does not include file systems that resided on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedMin	Used File System - Max. (KB)	During the period (week or month), the minimum amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayFSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (5 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity residing exclusively on the array and mounted on the host that is consumed by files and databases. Does not include file systems that reside on more than one array and/or on internal disks/JBOD.	FLOAT	Not Key
HostArrayRawDBTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBTotalLast	DB on Raw Devices - Last (KB)	On the last day of the period (week or month), the capacity of databases on array raw devices allocated to the host	FLOAT	Not Key
HostArrayRawDBUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayRawDBUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (6 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayRawDBUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayRawDBUsedLast	Used DB on Raw Devices - Last (KB)	On the last day of the period (week or month), the amount of database capacity on raw devices on the array consumed by data files, log files, and database overhead	FLOAT	Not Key
HostArrayUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayFreeAccDevTotalAvg	Unused Accessible - Avg.(KB)	During the period (week or month), the average amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayVMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayRDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount of raw disk and RDM capacity on the array assigned to the ESX Server	FLOAT	Not Key
HostArrayFreeAccDevTotalMin	Unused Accessible - Min. (KB)	During the period (week or month), the minimum amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key

Table 150 HostArrayMetricsMonthly (7 of 7)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayFreeAccDevTotalMax	Unused Accessible - Max. (KB)	During the period (week or month), the maximum amount of unused LUN capacity accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayVMFSTotalMax	VMFS Capacity - Max (KB)	During the period (week or month), the maximum amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity on the array that is accessible to the ESX Server	FLOAT	Not Key
HostArrayVMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayVMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of accessible VMFS capacity on the array that is consumed by files. Applicable to ESX Servers only.	FLOAT	Not Key
HostArrayRDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount of raw disk and RDM capacity assigned to the ESX Server	FLOAT	Not Key
HostArrayRDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount of raw disk and RDM capacity assigned to the ESX Server	FLOAT	Not Key

SRMHostArrayPath

This table shows the complete path from each host to each array to which it is connected. The table contains one row per unique host/array connection. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_ARRAY_PATH” on page 154](#)

Table 151 SRMHostArrayPath (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HBAKey	Host Adapter Key	Internal StorageScope Repository identifier for the host adapter	INTEGER	FK	HOST_ADAPTER_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
HostConnSwitchKey	Switch Key (Host Side)	Internal StorageScope Repository identifier for the switch connected to the host	INTEGER	FK	HBA_CONN_SWITCH_ID
HostConnFabricKey	Fabric Key (Host Side)	Internal StorageScope Repository identifier for the fabric in which the switch connected to the host resides	INTEGER	FK	HBA_CONN_SWITCH_FB_ID
HostConnSwitchPortKey	Switch Port Key (Host Side)	Internal StorageScope Repository identifier for the switch port to which the host is connected	INTEGER	FK	HBA_CONN_SWITCH_PORT_ID
HBAWWN	Host Port WWN	World Wide Name (WWN) of the host port	VARCHAR2(64)	Not Key	HOST_PORT_WWN
HBAConnFabricWWN	Fabric WWN (Host Side)	World Wide Name (WWN) of the fabric in which the switch connected to the host resides	VARCHAR2(4000)	Not Key	ARRAY_CONN_SWITCH_ALIAS

Table 151 SRMHostArrayPath (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HBAConnSwitchSN	Switch S/N (Host Side)	Serial number of the switch connected to the host	VARCHAR2(256)	Not Key	HBA_CONN_SWITCH_SN
HBAConnSwitchAlias	Switch Name (Host Side)	User-defined name (alias) or system-assigned name of the switch connected to the host	VARCHAR2(4000)	Not Key	HBA_CONN_SWITCH_ALIAS
HBAConnSwitchPortNumber	Switch Port No. (Host Side)	Number of the switch port to which the host is connected	NUMBER	Not Key	HBA_CONN_SWITCH_PORT_NUMBER
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayPortKey	Array Port Key	Internal StorageScope Repository identifier for the array port	INTEGER	FK	PORT_ID
ArrayConnSwitchKey	Switch Key (Array Side)	Internal StorageScope Repository identifier for the switch to which the array is connected	INTEGER	FK	HBA_CONN_SWITCH_ID
ArrayConnSwitchPortKey	Switch Port Key (Array Side)	Internal StorageScope Repository identifier for the switch port to which the array is connected	INTEGER	FK	HBA_CONN_SWITCH_PORT_ID
ArrayAdapterID	Array Adapter ID	Internal ControlCenter Repository identifier for the array adapter	INTEGER	Not Key	AD_ID
ArrayAdapterName	Array Adapter Name	System-assigned name for the array adapter	VARCHAR2(257)	Not Key	AD_NAME
ArrayAdapterNumber	Array Adapter No.	Number of the array adapter	NUMBER	Not Key	ADAPTER_NUMBER
ArrayPortID	Array Port ID	Internal ControlCenter Repository identifier for the array port	INTEGER	Not Key	PORT_ID

Table 151 SRMHostArrayPath (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayPortNumber	Array Port No.	Number of the array port	NUMBER	Not Key	PORT_NUMBER
ArrayAdapterPortAlias	Array Port Name	User-defined name (alias) or system-assigned name of the array port	VARCHAR2(514)	Not Key	ADPORT_ALIAS
ArrayPortWWN	Array Port WWN	World Wide Name (WWN) of the array port	VARCHAR2(64)	Not Key	ARRAY_PORT_WWN
ArrayPortiSCSIName	Array iSCSI Name	If an iSCSI port, the unique name of the array iSCSI port. If not an iSCSI port, this field is empty (null value).	VARCHAR2(256)	Not Key	ARRAY_PORT_ISCSINAME
ArrayConnSwitchSN	Switch S/N (Array Side)	Serial number of the switch connected to the array	VARCHAR2(256)	Not Key	ARRAY_CONN_SWITCH_SN
ArrayConnSwitchAlias	Switch Name (Array Side)	User-defined name (alias) or system-assigned name of the switch connected to the array	VARCHAR2(4000)	Not Key	ARRAY_CONN_SWITCH_ALIAS
ArrayConnSwitchPortNumber	Switch Port No. (Array Side)	Number of the switch port to which the array is connected	NUMBER	Not Key	ARRAY_CONN_SWITCH_PORT_NUMBER

SRMVolumeGroup

This table contains configuration information about volume groups found in the ControlCenter Repository. The table contains one row per volume group.

Related StorageScope API views

[“STS_HOST_VG_DEVICE” on page 190](#)

Table 152 SRMVolumeGroup (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	PK	VG_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	SITE_ID
VolumeGroupID	Volume Group ID	Internal ControlCenter Repository identifier for the volume group	INTEGER	Not Key	VG_ID
VolumeGroupName	Volume Group Name	Name of the volume group	VARCHAR2(256)	Not Key	VG_NAME
VolumeGroupType	Volume Group Type	Type of volume group	VARCHAR2(32)	Not Key	VG_TYPE
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
IsClustered	Clustered?	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	VARCHAR2(3)	Not Key	IS_CLUSTERED
IsVGShared	Volume Group Shared?	Indicates whether or not the volume group is shared by multiple hosts	VARCHAR2(20)	Not Key	VG_SHARED
VGSharedSet	Shared VG Set No.	Number of the shared volume group set to which this volume group belongs	VARCHAR2(50)	Not Key	VG_SHARED_SET

Table 152 SRMVolumeGroup (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMVGMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each volume group. The table contains one row for each day the volume group is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_VG_DEVICE” on page 190](#)

Table 153 SRMVGMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both	VG_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
VGTotal	Volume Group (KB)	Total amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key	VG_TOTAL
VGUsed	Used Volume Group (KB)	Amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key	VG_USED
VGFree	Free Volume Group (KB)	Amount of volume group capacity available for use	FLOAT	Not Key	VG_FREE
LVCCount	# Logical Volumes	Number of logical volumes in the volume group	NUMBER	Not Key	VG_LVCOUNT

Table 153 SRMVGMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
MinVGUsed	VG - Min. Used (KB)	Minimum amount of the capacity of this volume group that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MIN_VG_USED
MinVGUsedTime	VG - When Min. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this volume group was least	DATE	Not Key	MIN_VG_USED_TIME
MaxVGUsed	VG - Max. Used (KB)	Maximum amount of the capacity of this volume group that was in use at any one time in the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MAX_VG_USED
MaxVGUsedTime	VG - When Max. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this volume group was greatest	DATE	Not Key	MAX_VG_USED_TIME

VGMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each volume group. The table contains one row per volume group per week.

**Related
StorageScope API
views**

None

Table 154 VGMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key

Table 154 VGMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VGUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

VGMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each volume group. The table contains one row per volume group per month.

**Related
StorageScope API
views**

None

Table 155 VGMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key

Table 155 VGMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VGUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMVGToDevice

This table shows the relationship between each volume group and the host and/or array on which it resides. The table contains one row per unique volume group/device combination. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_VG_DEVICE” on page 190](#)

Table 156 SRMVGToDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both	VG_ID
HostDeviceKey	Host Device Key	Internal StorageScope Repository identifier for the host device	INTEGER	Both	HD_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE

SRMLogicalVolume

This table contains configuration information about the logical volumes created on hosts and managed by native or third party logical volume managers. The table contains one row per logical volume.

Related StorageScope API views

[“STS_HOST_LOGICALVOLUME” on page 185](#)

Table 157 SRMLogicalVolume (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	PK	LVOL_ID
LogicalVolumeID	Logical Volume ID	Internal ControlCenter Repository identifier for the logical volume	INTEGER	Not Key	LVOL_ID
LogicalVolumeName	Logical Volume Name	Name of the logical volume	VARCHAR2(512)	Not Key	LVOL_NAME
LogicalVolumeType	Logical Volume Type	Type of logical volume	VARCHAR2(64)	Not Key	LVOL_TYPE
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	FK	VG_ID
IsClustered	Clustered?	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	VARCHAR2(3)	Not Key	IS_CLUSTERED
IsVGShared	Volume Group Shared?	Indicates whether or not the volume group is shared by multiple hosts	VARCHAR2(20)	Not Key	VG_SHARED

Table 157 SRMLogicalVolume (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VGSharedSet	Shared VG Set No.	Number of the shared volume group set to which this volume group belongs	VARCHAR2(50)	Not Key	VG_SHARED_SET
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMLVMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each logical volume. The table contains one row for each day the logical volume is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_LOGICALVOLUME” on page 185](#)

Table 158 SRMLVMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	Both	LVOL_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both	VG_ID
LVTotal	Logical Volume (KB)	Capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key	LVOL_TOTAL
LVUsed	Used Logical Volume (KB)	Amount of logical volume capacity allocated to file systems	FLOAT	Not Key	LVOL_USED
LVFree	Free Logical Volume (KB)	Available capacity on the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key	LVOL_FREE

Table 158 SRMLVMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
MinLVUsed	LV - Min. Used (KB)	Minimum amount of the capacity of this logical volume that was in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MIN_LVOL_USED
MinLVUsedTime	LV - When Min. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this logical volume was least	DATE	Not Key	MIN_LVOL_USED_TIME
MaxLVUsed	LV - Max. Used (KB)	Maximum amount of the capacity of this logical volume that was in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MAX_LVOL_USED
MaxLVUsedTime	LV - When Max. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this logical volume was greatest	DATE	Not Key	MAX_LVOL_USED_TIME

LVMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each logical volume. The table contains one row per logical volume per week.

**Related
StorageScope API
views** None

Table 159 LVMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	Both
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
LVTotalMin	Logical Volume - Min. (KB)	During the period (week or month), the minimum capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVTotalAvg	Logical Volume - Avg. (KB)	During the period (week or month), the average capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVTotalMax	Logical Volume - Max. (KB)	During the period (week or month), the maximum capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key

Table 159 LVMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
LVTotalLast	Logical Volume - Last (KB)	On the last day of the period (week or month), the capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVUsedMin	Used Logical Volume - Min. (KB)	During the period (week or month), the minimum amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedAvg	Used Logical Volume - Avg. (KB)	During the period (week or month), the average amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedMax	Used Logical Volume - Max. (KB)	During the period (week or month), the maximum amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedLast	Used Logical Volume - Last (KB)	On the last day of the period (week or month), the amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
LVUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

LVMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each logical volume. The table contains one row per logical volume per month.

Related
StorageScope API
views

None

Table 160 LVMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	Both
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
LVTotalMin	Logical Volume - Min. (KB)	During the period (week or month), the minimum capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVTotalAvg	Logical Volume - Avg. (KB)	During the period (week or month), the average capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVTotalMax	Logical Volume - Max. (KB)	During the period (week or month), the maximum capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key

Table 160 LVMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
LVTotalLast	Logical Volume - Last (KB)	On the last day of the period (week or month), the capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key
LVUsedMin	Used Logical Volume - Min. (KB)	During the period (week or month), the minimum amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedAvg	Used Logical Volume - Avg. (KB)	During the period (week or month), the average amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedMax	Used Logical Volume - Max. (KB)	During the period (week or month), the maximum amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedLast	Used Logical Volume - Last (KB)	On the last day of the period (week or month), the amount of logical volume capacity allocated to file systems	FLOAT	Not Key
LVUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
LVUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMFileSystem

This table contains configuration information about local, network file, and virtual machine file systems found in the ControlCenter Repository. The table contains one row per file system.

**Related
StorageScope API
views**

[“STS_HOST_FS” on page 177](#)

Table 161 SRMFileSystem (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	PK	FS_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	SITE_ID
FileSystemID	File System ID	Internal ControlCenter Repository identifier for the file system	INTEGER	Not Key	FS_ID
FileSystemDevice	File System Device	Host device on which the file system is mounted. For Windows hosts, this is typically the same as the mount point.	VARCHAR2(512)	Not Key	FS_DEVICE
FileSystemAlias	File System Name	User-defined name (alias) of the file system. If the alias is not available, either the name of the file system mount point or the file system itself appears in this field. If no alias for a VMFS is available, the name of the datastore, file system mount point, or the VMFS itself appears.	VARCHAR2(4000)	Not Key	FS_ALIAS
VMFSDataStoreName	Datastore Name	Name of the VMFS datastore	VARCHAR2(512)	Not Key	FS_DATASTORENAME
FSMountPoint	Mount Point	Name of the file system mount point	VARCHAR2(4000)	Not Key	FS_MOUNTPOINT_NAME

Table 161 SRMFileSystem (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FSType	File System Type	Type of file system.	VARCHAR2(128)	Not Key	FS_TYPE
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
IsClustered	Clustered?	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	VARCHAR2(3)	Not Key	IS_CLUSTERED
IsVMFS	VMFS?	Indicates whether or not this is a virtual machine file system (VMFS)	VARCHAR2(3)	Not Key	IS_VMFS
IsVGShared	Volume Group Shared?	Indicates whether or not the volume group is shared by multiple hosts	VARCHAR2(20)	Not Key	VG_SHARED
VGSharedSet	Shared VG Set No.	Number of the shared volume group set to which this volume group belongs	VARCHAR2(50)	Not Key	VG_SHARED_SET
Discovered	File System Discovered?	Indicates if the file system is present in the ControlCenter Console. If No, it may mean that file system was deleted or the associated host agent is not currently running.	VARCHAR2(3)	Not Key	DISCOVERED
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 161 SRMFileSystem (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMFSMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each file system. The table contains one row for each day the file system is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_FS” on page 177](#)

Table 162 SRMFSMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
FSTotal	File System (KB)	Capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_TOTAL
FSUsed	Used File System (KB)	File system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_USED
FSFree	Free File System (KB)	Available capacity in the file system or all file systems on the host or hosts. Does not include deleted or unmounted file systems.	FLOAT	Not Key	FS_FREE

Table 162 SRMFSMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FSInodesTotal	# Inodes - Total	Total number of file system inodes	FLOAT	Not Key	FS_TOTALINODES
FSInodesUsed	# Inodes - Used	Number of used file system inodes	FLOAT	Not Key	FS_USEDINODES
FSInodesFree	# Inodes - Free	Number of available file system inodes	FLOAT	Not Key	FS_FREEINODES
MinFSUsed	FS - Min. Used (KB)	Least amount of the capacity of this file system in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MIN_FS_USED
MinFSUsedTime	FS - When Min. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this file system was least	DATE	Not Key	MIN_FS_USED_TIME
MaxFSUsed	FS - Max. Used (KB)	Maximum amount of the capacity of this file system that was in use at any one time during the previous calendar day (12 a.m. to 12 a.m.)	FLOAT	Not Key	MAX_FS_USED
MaxFSUsedTime	FS - When Max. Used	Time during the previous calendar day (12 a.m. to 12 a.m.) at which usage of this file system was greatest	DATE	Not Key	MAX_FS_USED_TIME

FSMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each file system. The table contains one row per file system per week.

Related
StorageScope API
views

None

Table 163 FSMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 163 FSMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
FSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

FSMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each file system. The table contains one row per file system per month.

Related
StorageScope API
views

None

Table 164 FSMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 164 FSMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
FSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMFSToDevice

This table shows the relationship between file systems and physical arrays. The table contains one row for each unique file system to physical array mapping and can be used to find out where a file system is accessing its storage. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_FS_DEVICE” on page 180](#)

Table 165 SRMFSToDevice (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
HostDeviceKey	Host Device Key	Internal StorageScope Repository identifier for the host device	INTEGER	Both	HD_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	FK	VG_ID
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	FK	LVOL_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID

Table 165 SRMFSToDevice (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
IsVMFS	VMFS?	Indicates whether or not this is a virtual machine file system (VMFS)	VARCHAR2(3)	Not Key	IS_VMFS

SRMHostToResource

Not currently supported. For future use.

Related
StorageScope API
views

None

Table 166 SRMHostToResource

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK
ResourceKey	Resource Key	Internal StorageScope repository identifier for the resource	INTEGER	Not Key
ResourceType	Resource Type	Type of resource	VARCHAR2(64)	Not Key

SRMHostByGroupMetrics

This table contains up to 42 days (six weeks) of host-related numerical data (counts and capacities) for each user-defined group that contains hosts. The table contains one row for each day the group is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_BY_GROUP” on page 157](#)

Table 167 SRMHostByGroupMetrics (1 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGROUPCOUNT
HostCount	# Physical Hosts	Number of physical hosts in the group. Includes ESX Servers, but does not include virtual machines.	NUMBER	Not Key	GRP_HOSTCOUNT
HostInternalTotal	Internal/JBOD (KB)	Capacity of internal disks and JBOD accessible to the host or hosts in the group	FLOAT	Not Key	HOST_INTDISK_TOTAL
HostArrayAccessible	Accessible (KB)	Usable capacity on the array that is accessible to the host or hosts in the group	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE
HostArrayAccessibleRaw	Raw Accessible (KB)	Amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key	HOST_ARRAY_ACCESSIBLE_RAW

Table 167 SRMHostByGroupMetrics (2 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayPrimaryAllocTotal	Primary - Allocated (KB)	Capacity on primary logical devices allocated for use by the host or hosts in the group. Does not include any capacity defined by the protection level for the devices.	FLOAT	Not Key	HOST_ARRAY_ALLOCATED_PRI
HostArrayLocalRepTotal	Local Replica - Allocated (KB)	Capacity of local replicas associated with allocated primary devices and the capacity of local replicas directly accessible to the host or hosts in the group. Does not include any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REPLICAL_TOTAL
HostArrayRemoteRepTotal	Remote Replica - Allocated (KB)	Capacity of remote replicas associated with allocated primary devices and the capacity of remote replicas directly accessible to the host or hosts in the group. Does not include any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REPLIMATE_TOTAL
HostArrayAllocTotal	Allocated (KB)	Usable array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, and any associated local and remote replica capacity that is not directly accessible.	FLOAT	Not Key	HOST_ARRAY_TOTAL
FSCount	# File Systems	Number of file systems on the host or hosts in the group	NUMBER	Not Key	HOST_FSCOUNT

Table 167 SRMHostByGroupMetrics (3 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
FSTotal	File System (KB)	Capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_TOTAL
FSUsed	Used File System (KB)	File system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key	FS_USED
VGCount	# Volume Groups	Number of volume groups	NUMBER	Not Key	HOST_VGCOUNT
VGTotal	Volume Group (KB)	Total amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key	VG_TOTAL
VGUsed	Used Volume Group (KB)	Amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key	VG_USED
LVCount	# Logical Volumes	Number of logical volumes in the volume group	NUMBER	Not Key	HOST_LVCOUNT
LVTotal	Logical Volume (KB)	Capacity of the logical volume or all logical volumes on the host or hosts in the group	FLOAT	Not Key	LVOL_TOTAL
LVUsed	Used Logical Volume (KB)	Amount of logical volume capacity allocated to file systems	FLOAT	Not Key	LVOL_USED
DBCCount	# Databases	Number of databases on the host or hosts in the group	NUMBER	Not Key	HOST_DBCOUNT
DBTotal	Database Capacity (KB)	Capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key	DB_TOTAL

Table 167 SRMHostByGroupMetrics (4 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBUsed	Used Database(KB)	Amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key	DB_USED
ExchangeCount	Reserved for Future Use	Reserved for future use	NUMBER	Not Key	None
ExchangeTotal	Reserved for Future Use	reserved for future use	FLOAT	Not Key	None
FSTotalOnArray	FS on Array (KB)	Capacity of file systems mounted on host devices that are mapped to array devices	FLOAT	Not Key	FS_TOTAL_ARRAY
FSUsedOnArray	Used FS on Array (KB)	Amount of file system capacity mounted exclusively on host devices mapped to array devices consumed by files and databases	FLOAT	Not Key	FS_USED_ARRAY
VGTotalOnArray	VG on Array (KB)	Capacity of volume groups residing either exclusively or partially on arrays	FLOAT	Not Key	VG_TOTAL_ARRAY
VGUsedOnArray	Used VG on Array (KB)	Amount of volume group capacity residing exclusively on arrays that is in use	FLOAT	Not Key	VG_USED_ARRAY
LVTotalOnArray	LV on Array (KB)	Capacity of logical volumes that reside exclusively on host devices mapped to array devices	FLOAT	Not Key	LVOL_TOTAL_ARRAY
LVUsedOnArray	Used LV on Array (KB)	Amount of logical volume capacity residing exclusively on host devices mapped to array devices that is allocated to file systems	FLOAT	Not Key	LVOL_USED_ARRAY
DBTotalOnArray	DB on Array (KB)	Capacity of databases that reside exclusively on arrays	FLOAT	Not Key	DB_TOTAL_ARRAY

Table 167 SRMHostByGroupMetrics (5 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBUsedOnArray	Used DB on Array (KB)	Amount of database capacity residing exclusively on arrays consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_ARRAY
HostDevCount	# Host Devices	Number of host devices for the host or hosts in the group. Includes internal disks and accessible LUNs. For PowerPath devices, each physical path counts as one device.	NUMBER	Not Key	HOST_HBCOUNT
PowerPathDevCount	# PowerPath Devices	Number of PowerPath devices	NUMBER	Not Key	HOST_PPDEVCOUNT
PowerPathPhyPathCount	# PowerPath Physical Paths	Number of physical PowerPath paths from the host or group of hosts to storage devices	NUMBER	Not Key	HOST_PPPYPATHCOUNT
AccDevCount	# Accessible LUNs	Number of LUNs accessible to the host or hosts in the group	NUMBER	Not Key	HOST_ADCOUNT
HostArrayAllocRaw	Raw Allocated (KB)	Array capacity allocated to the host or the hosts in the group. Includes capacity the host can directly access, any associated local and remote replica capacity that is not directly accessible, and any capacity defined by the protection level for devices.	FLOAT	Not Key	HOST_ARRAY_TOTAL_RAW
HostArrayPrimaryAllocRaw	Primary - Raw Allocated (KB)	Capacity on primary logical devices allocated for use by the host or hosts in the group. Also includes any capacity defined by the protection level for the devices.	FLOAT	Not Key	None

Table 167 SRMHostByGroupMetrics (6 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostArrayReplicaRaw	Raw Replica (KB)	Capacity of all replicas associated with primary devices reserved for use by the host or hosts in the group. Also includes any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REP_TOTAL_RAW
HostArrayLocalRepRaw	Local Replica - Raw Allocated (KB)	Capacity of local replicas associated with allocated primary devices and local replicas directly accessible to the host or the hosts in the group. Also includes any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REP_LOCAL_TOTAL_RAW
HostArrayRemoteRepRaw	Remote Replica - Raw (KB)	Capacity of remote replicas associated with primary devices that are reserved for use by the host or hosts in the group and the capacity of remote replicas directly accessible to the host or hosts in the group. Also includes any capacity defined by the protection level for the replica devices.	FLOAT	Not Key	HOST_ARRAY_REP_REMOTE_TOTAL_RAW
VMFSCount	# VMFS	Number of virtual machine file systems mounted on the ESX Server or ESX Servers in the group	NUMBER	Not Key	VMFS_COUNT
VMFSTotal	VMFS Capacity (KB)	Total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFS_TOTAL

Table 167 SRMHostByGroupMetrics (7 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMFSUsed	Used VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key	VMFS_USED
VMFSFree	Free VMFS (KB)	Amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is unused	FLOAT	Not Key	VMFS_FREE
RDMRawCount	# Raw Disk/RDM	Total number of raw disks and raw disk mapping (RDM) files	NUMBER	Not Key	RDM_RAW_COUNT
RDMRawTotal	Raw Disk/RDM (KB)	Total raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key	RDM_RAW_TOTAL
NetworkFSFileTotal	Network File System (KB)	Capacity of VMFS file systems on remote systems	FLOAT	Not Key	NETWORKFS_FILE_TOTAL
SnapshotTotal	VM Snapshot (KB)	Size of virtual machine snapshots for the ESX Server or the ESX Servers in the group	FLOAT	Not Key	SNAPSHOT_TOTAL
HostArrayAccessibleUsed	Used Accessible (KB)	Array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used.	FLOAT	Not Key	None
RawDBTotal	DB on Raw Devices (KB)	Total amount of array raw device capacity allocated to host databases	FLOAT	Not Key	RAWDB_TOTAL
RawDBUsed	Used DB on Raw Devices (KB)	Total amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key	RAWDB_USED

Table 167 SRMHostByGroupMetrics (8 of 8)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMGuestCount	# Virtual Machines	Number of virtual machines. Applicable to ESX Servers only.	NUMBER	Not Key	VMGUEST_COUNT
VMFSFileArrayTotal	VMDK on Arrays (KB)	Capacity of VMDK files residing on arrays	FLOAT	Not Key	VMFSFILE_ARRAY_TOTAL
VMFSFileTotal	VMDK Capacity (KB)	Total capacity of VMDK files on the ESX Server or ESX Servers in the group	FLOAT	Not Key	VMFSFILE_TOTAL

HostByGroupMetricsWeekly

This table contains weekly aggregations of host-related numerical data (counts and capacities) for each user-defined group that contains hosts. The table contains one row per group per week.

Related
StorageScope API
views

None

Table 168 HostByGroupMetricsWeekly (1 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both
HostArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (2 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccRawMin	Raw Accessible - Min. (KB)	During the period (week or month), the minimum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawAvg	Raw Accessible - Avg. (KB)	During the period (week or month), the average amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawMax	Raw Accessible - Max. (KB)	During the period (week or month), the maximum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawLast	Raw Accessible - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (3 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (4 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (5 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
ExchangeTotalMin	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (6 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ExchangeTotalAvg	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ExchangeTotalMax	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalMax	VMFS Capacity - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalLast	VMFS Capacity - Last (KB)	On the last day of the period (week or month), the total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (7 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VMFSUsedLast	Used VMFS - Last (KB)	On the last day of the period (week or month), the amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (8 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayAccUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
RawDbTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDbUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDbUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key

Table 168 HostByGroupMetricsWeekly (9 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
RDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
NetworkFSFileTotalMin	Network File System - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalMax	Network File System - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalAvg	Network File System - Avg. (KB)	During the period, the average capacity of VMFS file systems on remote systems	FLOAT	Not Key

HostBYGroupMetricsMonthly

This table contains monthly aggregations of host-related numerical data (counts and capacities) for each user-defined group that contains hosts. The table contains one row per group per month.

Related
StorageScope API
views

None

Table 169 HostBYGroupMetricsMonthly (1 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both
HostArrayAccTotalMin	Accessible - Min. (KB)	During the period (week or month), the minimum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalAvg	Accessible - Avg. (KB)	During the period (week or month), the average amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalMax	Accessible - Max. (KB)	During the period (week or month), the maximum amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key
HostArrayAccTotalLast	Accessible - Last (KB)	On the last day of the period (week or month), the amount of usable array capacity that is accessible to the host or hosts in the group	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (2 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccRawMin	Raw Accessible - Min. (KB)	During the period (week or month), the minimum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawAvg	Raw Accessible - Avg. (KB)	During the period (week or month), the average amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawMax	Raw Accessible - Max. (KB)	During the period (week or month), the maximum amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
HostArrayAccRawLast	Raw Accessible - Last (KB)	On the last day of the period (week or month), the amount of capacity on the array accessible to the host or hosts in the group plus any capacity defined by the protection level of logical devices	FLOAT	Not Key
FSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (3 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of file systems mounted on the host or hosts in the group. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
FSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (4 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the host or hosts in the group consumed by files and databases. Excludes deleted/unmounted file systems and VMFS volumes.	FLOAT	Not Key
VGTotalMin	Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity includes capacity that resides on unknown devices	FLOAT	Not Key
VGTotalAvg	Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalMax	Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGTotalLast	Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity including capacity that resides on unknown devices	FLOAT	Not Key
VGUsedMin	Used Volume Group - Min. (KB)	During the period (week or month), the minimum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedAvg	Used Volume Group - Avg. (KB)	During the period (week or month), the average amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (5 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VGUsedMax	Used Volume Group - Max. (KB)	During the period (week or month), the maximum amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
VGUsedLast	Used Volume Group - Last (KB)	On the last day of the period (week or month), the amount of volume group capacity in use. Includes volume groups residing on unknown devices.	FLOAT	Not Key
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
ExchangeTotalMin	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (6 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ExchangeTotalAvg	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
ExchangeTotalMax	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
VMFSTotalMax	VMFS Capacity - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalMin	VMFS Capacity - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalAvg	VMFS Capacity - Avg. (KB)	During the period (week or month), the average capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSTotalLast	VMFS Capacity - Last (KB)	On the last day of the period (week or month), the total capacity of VMFS file systems mounted on the ESX Server or ESX Servers in the group	FLOAT	Not Key
VMFSUsedMin	Used VMFS - Min. (KB)	During the period (week or month), the minimum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedMax	Used VMFS - Max. (KB)	During the period (week or month), the maximum amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
VMFSUsedAvg	Used VMFS - Avg. (KB)	During the period (week or month), the average amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (7 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
VMFSUsedLast	Used VMFS - Last (KB)	On the last day of the period (week or month), the amount of VMFS capacity mounted on the ESX Server or ESX Servers in the group that is consumed by files	FLOAT	Not Key
RDMRawTotalMin	Raw Disk/RDM - Min. (KB)	During the period (week or month), the minimum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
HostArrayAccUsedAvg	Used Accessible - Avg. (KB)	During the period (week or month), the average amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the average amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedLast	Used Accessible - Last (KB)	On the last day of the period (week or month), the amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the amount of volume group capacity on the array that is used on the last day of the period.	FLOAT	Not Key
HostArrayAccUsedMin	Used Accessible - Min. (KB)	During the period (week or month), the minimum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the minimum amount of volume group capacity on the array that is used.	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (8 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostArrayAccUsedMax	Used Accessible - Max. (KB)	During the period (week or month), the maximum amount of array capacity accessible to the host or the hosts in the group that is occupied by file systems, raw databases, VMFS volumes, or RDMS. For MVS hosts, this is the maximum amount of volume group capacity on the array that is used.	FLOAT	Not Key
HostArrayAccUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
HostArrayAccUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
RawDbTotalAvg	DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbTotalMax	DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbTotalMin	DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of array raw device capacity allocated to host databases	FLOAT	Not Key
RawDbUsedMin	Used DB on Raw Devices - Min. (KB)	During the period (week or month), the minimum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RawDbUsedMax	Used DB on Raw Devices - Max. (KB)	During the period (week or month), the maximum amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key

Table 169 HostBYGroupMetricsMonthly (9 of 9)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
RawDbUsedAvg	Used DB on Raw Devices - Avg. (KB)	During the period (week or month), the average amount of database capacity on array raw devices consumed by data files, log files, and database overhead	FLOAT	Not Key
RDMRawTotalMax	Raw Disk/RDM - Max. (KB)	During the period (week or month), the maximum amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
RDMRawTotalAvg	Raw Disk/RDM - Avg. (KB)	During the period (week or month), the average amount raw disk and RDM capacity available to ESX Servers	FLOAT	Not Key
NetworkFSFileTotalMin	Network File System - Min. (KB)	During the period (week or month), the minimum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalMax	Network File System - Max. (KB)	During the period (week or month), the maximum capacity of VMFS file systems on remote systems	FLOAT	Not Key
NetworkFSFileTotalAvg	Network File System - Avg. (KB)	During the period, the average capacity of VMFS file systems on remote systems	FLOAT	Not Key

SRMVMFile

This table contains configuration and capacity details for each virtual machine disk format (VMDK) file, virtual machine snapshot file, and network file system file. The table contains one row per file. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_VMFILE” on page 231](#)

Table 170 SRMVMFile (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMFileKey	VM File Key	Internal StorageScope Repository identifier for the virtual machine file	NUMBER	PK	VMFILE_ID
ESXServerKey	ESX Server Key	Internal StorageScope Repository identifier for the the ESX Server	INTEGER	FK	ESXSERVER_ID
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK	FS_ID
VMFileName	VM File Name	Name of the VMDK, VM snapshot, or network file system file	VARCHAR2(1024)	Not Key	VMFILE_NAME
VMFileType	VM File Type	Indicates if this is a VMDK, VM snapshot, or network file system file	VARCHAR2(32)	Not Key	VMFILE_TYPE
VMFileTotal	VM File Capacity(KB)	Capacity of the VMDK, VM snapshot, or network file system file	FLOAT	Not Key	VMFILE_TOTAL

Table 170 SRMVMFile (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMFileUsed	Reserved for Future Use	Reserved for future use	FLOAT	Not Key	VMFILE_USED
VMFileFree	Reserved for Future Use	Reserved for future use	FLOAT	Not Key	VMFILE_FREE
SnapshotVMGuestKey	VM Snapshot Key	Internal StorageScope Repository identifier for the virtual machine snapshot	INTEGER	FK	SNAPSHOT_VMGUEST_ID

SRMVMGuestToStorage

This table shows the complete path from a virtual machine (VM) device to each array device to which it is connected. The table contains one row per unique VM guest/array device connection. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_VMGUEST_TO_STORAGE” on page 233](#)

Table 171 SRMVMGuestToStorage (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMGuestKey	Virtual Machine Key	Internal StorageScope Repository identifier for the virtual machine	INTEGER	FK	VMGUEST_ID
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK	FS_ID
VMFileKey	VM File Key	Internal StorageScope Repository identifier for the virtual machine file	NUMBER	FK	VMFILE_ID
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(19)	Not Key	ARRAYJBOD_TYPE
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK	SD_ID

Table 171 SRMVMGuestToStorage (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ESXHostDeviceKey	ESX Server Device Key	Internal StorageScope Repository identifier for the the ESX Server host device	INTEGER	FK	ESX_HD_ID
ESXServerKey	ESX Server Key	Internal StorageScope Repository identifier for the the ESX Server	INTEGER	FK	ESXSERVER_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK	ST_ID

SRMESXServerToGuest

This table shows the relationship between each virtual machine (VM) and the ESX Server on which it resides. The table contains one row per unique VM/ESX Server combination. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_ESXSERVER_TO_VMGUEST” on page 129](#)

Table 172 SRMESXServerToGuest

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
VMGuestKey	Virtual Machine Key	Internal StorageScope Repository identifier for the virtual machine	INTEGER	Both	VMGUEST_ID
ESXServerKey	ESX Server Key	Internal StorageScope Repository identifier for the the ESX Server	INTEGER	Both	ESXSERVER_ID
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	VARCHAR2(3)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

Database tables

The following section contains the tables related to host databases.

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SRMDatabase

This table contains basic configuration information for each database found in the ControlCenter Repository. The table contains one row per database.

Related StorageScope API views

[“STS_HOST_DB” on page 165](#)

Table 173 SRMDatabase (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	PK	DB_ID
DatabaseID	Database ID	Internal ControlCenter Repository identifier for the database	INTEGER	Not Key	DB_ID
DBName	Database Name	Name of the database instance	VARCHAR2(64)	Not Key	DB_NAME
DBType	Database Type	Type of database	VARCHAR2(64)	Not Key	DB_TYPE
DBVersion	Database Version	Version of the database	VARCHAR2(128)	Not Key	DB_VERSION
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 173 SRMDatabase (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMDBMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each database. The table contains one row for each day the database is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_DB” on page 165](#)

Table 174 SRMDBMetrics (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both	DB_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
DBTotal	Database Capacity (KB)	Capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key	DB_TOTAL
DBUsed	Used Database(KB)	Amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key	DB_USED
DBFree	Free Database (KB)	Amount of capacity in the database available for data files, log files, and database overhead	FLOAT	Not Key	DB_FREE
DataTotal	Data Capacity (KB)	Amount of capacity allocated to data files	FLOAT	Not Key	DATA_TOTAL
DataUsed	Used Data (KB)	Allocated data file capacity consumed by data files	FLOAT	Not Key	DATA_USED

Table 174 SRMDBMetrics (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DataFree	Free Data (KB)	Amount of the capacity allocated to data files that is still available in the database	FLOAT	Not Key	DATA_FREE
LogTotal	Log Capacity (KB)	Amount of capacity allocated to log files	FLOAT	Not Key	LOG_TOTAL
DBTBSPCount	# Tablespace	Number of tablespaces in the Oracle or DB2 database. If not an Oracle or DB2 database, this field is empty (null value).	NUMBER	Not Key	DB_TBSPCOUNT
DBSpaceCount	# Dbspaces	Number of Informix dbspaces. If not an Informix database, this field is empty (null value).	NUMBER	Not Key	DB_DBSPACECOUNT
DBFileGroupCount	# File Groups	Number of file groups in the SQL Server database. If not an SQL Server database, this field is empty (null value).	NUMBER	Not Key	DB_FILEGROUPCOUNT
DBFileCount	# Data Files	Number of data files in the database	NUMBER	Not Key	DB_FILECOUNT
DBSchemaCount	# Schemas	Number of schemas in the Oracle database. If not an Oracle database, this field is empty (null value).	NUMBER	Not Key	DB_SCHEMACOUNT
DBTotalOnArray	DB on Array (KB)	Capacity of databases that reside exclusively on arrays	FLOAT	Not Key	DB_TOTAL_ARRAY
DBTotalOnInternal	DB on Int/JBOD (KB)	Capacity of databases that reside exclusively on internal disks or JBOD	FLOAT	Not Key	DB_TOTAL_JBOD
DBTotalOnArrayAndInternal	DB on Array & Int/JBOD (KB)	Capacity of databases that reside partially on arrays and partially on internal disks or JBOD	FLOAT	Not Key	DB_TOTAL_BOTH

Table 174 SRMDBMetrics (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBUsedOnArray	Used DB on Array (KB)	Amount of database capacity residing exclusively on arrays consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_ARRAY
DBUsedOnInternal	Used DB on Int/JBOD (KB)	Amount of the capacity of databases that reside exclusively on internal disks or JBOD consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_JBOD
DBUsedOnArrayAndInternal	Used DB on Array & Int/JBOD (KB)	Amount of database capacity residing partially on arrays and partially on internal disks or JBOD consumed by data files, log files, and database overhead	FLOAT	Not Key	DB_USED_BOTH

DatabaseMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each database. The table contains one row per database per week.

**Related
StorageScope API
views**

None

Table 175 DatabaseMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key

Table 175 DatabaseMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DataTotalMin	Data Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity allocated to data files	FLOAT	Not Key
DataTotalAvg	Data Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity allocated to data files	FLOAT	Not Key
DataTotalMax	Data Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity allocated to data files	FLOAT	Not Key
DataUsedMin	Used Data - Min. (KB)	During the period (week or month), the minimum amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DataUsedAvg	Used Data - Avg. (KB)	During the period (week or month), the average amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DataUsedMax	Used Data - Max. (KB)	During the period (week or month), the maximum amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DBUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
DBUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

DatabaseMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each database. The table contains one row per database per month.

**Related
StorageScope API
views**

None

Table 176 DatabaseMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DBTotalMin	Database Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalAvg	Database Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBTotalMax	Database Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity on raw devices and in file systems allocated to databases	FLOAT	Not Key
DBUsedMin	Used Database - Min.(KB)	During the period (week or month), the minimum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DBUsedAvg	Used Database - Avg. (KB)	During the period (week or month), the average amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key

Table 176 DatabaseMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DBUsedMax	Used Database - Max.(KB)	During the period (week or month), the maximum amount of database capacity used by data files, log files, and database overhead	FLOAT	Not Key
DataTotalMin	Data Capacity - Min. (KB)	During the period (week or month), the minimum amount of capacity allocated to data files	FLOAT	Not Key
DataTotalAvg	Data Capacity - Avg. (KB)	During the period (week or month), the average amount of capacity allocated to data files	FLOAT	Not Key
DataTotalMax	Data Capacity - Max. (KB)	During the period (week or month), the maximum amount of capacity allocated to data files	FLOAT	Not Key
DataUsedMin	Used Data - Min. (KB)	During the period (week or month), the minimum amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DataUsedAvg	Used Data - Avg. (KB)	During the period (week or month), the average amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DataUsedMax	Used Data - Max. (KB)	During the period (week or month), the maximum amount of allocated data file capacity consumed by data files	FLOAT	Not Key
DBUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
DBUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMDBFile

This table contains basic configuration information for each database datafile found in the ControlCenter Repository. The table contains one row per datafile.

Related StorageScope API views

[“STS_HOST_DB_DATAFILE” on page 168](#)

Table 177 SRMDBFile (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DBFileKey	Data File Key	Internal StorageScope Repository identifier for the data file	INTEGER	PK	DBFILE_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	FK	DB_ID
DBFileID	Data File ID	Internal ControlCenter Repository identifier for the data file	INTEGER	Not Key	DBFILE_ID
DBFileName	Data File Name	Name of the data file	VARCHAR2(1024)	Not Key	DBFILE_NAME
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK	FS_ID
ResidesOn	Resides On	Indicates where the object resides	VARCHAR2(16)	Not Key	ARRAYJBOD_TYPE
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 177 SRMDBFile (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMDBFileMetrics

This table contains up to 42 days (six weeks) of numerical data for each database datafile. The table contains one row for each day the datafile is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_DB_DATAFILE” on page 168](#)

Table 178 SRMDBFileMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
DBFileKey	Data File Key	Internal StorageScope Repository identifier for the data file	INTEGER	Both	DBFILE_ID
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both	DB_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
DBFileTotal	Data File Capacity (KB)	Database capacity allocated to the data file	FLOAT	Not Key	DBFILE_TOTAL
DBFileUsed	Used Data File (KB)	Amount of allocated database capacity used by the data file	FLOAT	Not Key	DBFILE_USED
DBFileFree	Free Data File (KB)	Amount of the capacity allocated to the data file that is still available	FLOAT	Not Key	DBFILE_FREE

DBFileMetricsWeekly

This table contains weekly aggregations of numerical data for each database datafile. The table contains one row per datafile per week.

**Related
StorageScope API
views**

None

Table 179 DBFileMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DBFileKey	Data File Key	Internal StorageScope Repository identifier for the data file	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
DBFileTotalMin	Data File Capacity - Min. (KB)	During the period (week or month), the minimum amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileTotalAvg	Data File Capacity - Avg. (KB)	During the period (week or month), the average amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileTotalMax	Data File Capacity - Max. (KB)	During the period (week or month), the maximum amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileUsedMin	Used Data File - Min. (KB)	During the period (week or month), the minimum amount of allocated database capacity used by the data file	FLOAT	Not Key

Table 179 DBFileMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DBFileUsedAvg	Used Data File - Avg. (KB)	During the period (week or month), the average amount of allocated database capacity used by the data file	FLOAT	Not Key
DBFileUsedMax	Used Data File - Max. (KB)	During the period (week or month), the maximum amount of allocated database capacity used by the data file	FLOAT	Not Key
DBFileUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
DBFileUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

DBFileMetricsMonthly

This table contains monthly aggregations of numerical data for each database datafile. The table contains one row per datafile per month.

**Related
StorageScope API
views**

None

Table 180 DBFileMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
DBFileKey	Data File Key	Internal StorageScope Repository identifier for the data file	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DBFileTotalMin	Data File Capacity - Min. (KB)	During the period (week or month), the minimum amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileTotalAvg	Data File Capacity - Avg. (KB)	During the period (week or month), the average amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileTotalMax	Data File Capacity - Max. (KB)	During the period (week or month), the maximum amount of database capacity allocated to the data file	FLOAT	Not Key
DBFileUsedMin	Used Data File - Min. (KB)	During the period (week or month), the minimum amount of allocated database capacity used by the data file	FLOAT	Not Key

Table 180 DBFileMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DBFileUsedAvg	Used Data File - Avg. (KB)	During the period (week or month), the average amount of allocated database capacity used by the data file	FLOAT	Not Key
DBFileUsedMax	Used Data File - Max. (KB)	During the period (week or month), the maximum amount of allocated database capacity used by the data file	FLOAT	Not Key
DBFileUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
DBFileUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMDBFileToDevice

This table shows the relationship between each database datafile and the LUN on which it resides. The table contains one row for each unique combination of datafile and LUN. Only data from the most recent ETL is reported.

Related StorageScope API views

None

Table 181 SRMDBFileToDevice

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DBFileKey	Data File Key	Internal StorageScope Repository identifier for the data file	INTEGER	Both
HostDeviceKey	Host Device Key	Internal StorageScope Repository identifier for the host device	INTEGER	Both
TBSPKey	Tablespace Key	Internal StorageScope Repository identifier for the tablespace	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK
VolumeGroupKey	Volume Group Key	Internal StorageScope Repository identifier for the volume group	INTEGER	FK
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	FK
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	FK
LogicalVolumeKey	Logical Volume Key	Internal StorageScope Repository identifier for the logical volume	INTEGER	Not Key

SRMDBTablespace

This table contains basic configuration information for each Oracle tablespace found in the ControlCenter Repository. The table contains one row per tablespace.

**Related
StorageScope API
views**

[“STS_HOST_DB_TABLESPACE” on page 172](#)

Table 182 SRMDBTableSpace (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
TBSPKey	Tablespace Key	Internal StorageScope Repository identifier for the tablespace	INTEGER	PK	TBSP_ID
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	FK	DB_ID
DBType	Database Type	Type of database	VARCHAR2(6)	Not Key	DB_TYPE
TBSPID	Tablespace ID	Internal ControlCenter Repository identifier for the tablespace	INTEGER	Not Key	TBSP_ID
TBSPName	Tablespace Name	Name of the tablespace	VARCHAR2(64)	Not Key	TBSP_NAME
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 182 SRMDBTableSpace (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMDBTablespaceMetrics

This table contains up to 42 days (six weeks) of numerical data for each Oracle tablespace. The table contains one row for each day the tablespace is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_HOST_DB_TABLESPACE” on page 172](#)

Table 183 SRMDBTableSpaceMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
TBSPKey	Tablespace Key	Internal StorageScope Repository identifier for the tablespace	INTEGER	Both	TBSP_ID
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both	DB_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
TBSPTotal	Tablespace Size (KB)	Size of the tablespace	FLOAT	Not Key	TS_TOTAL
TBSPUsed	Used Tablespace (KB)	Amount of tablespace capacity that is used	FLOAT	Not Key	TS_USED
TBSPTotalBlocks	# Blocks	Number of blocks in the tablespace	NUMBER	Not Key	TS_TOTAL_BLOCKS
TBSPCoalescedBlocks	# Coalesced Blocks	Number of coalesced blocks in the tablespace	NUMBER	Not Key	TS_COALESCED_BLOCKS
TBSPCoalescedPercent	% Coalesced	Percentage of blocks in the tablespace that are coalesced	FLOAT	Not Key	TS_PERCENT_COALESCED

DBTablespaceMetricsWeekly

This table contains weekly aggregations of numerical data for each Oracle tablespace. The table contains one row per tablespace per week.

Related
StorageScope API
views

None

Table 184 DBTableSpaceMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
TBSPKey	Tablespace Key	Internal StorageScope Repository identifier for the tablespace	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
TBSPTotalMin	Tablespace - Min. (KB)	During the period (week or month), the minimum size of the tablespace	FLOAT	Not Key
TBSPTotalAvg	Tablespace Size - Avg. (KB)	During the period (week or month), the average size of the tablespace	FLOAT	Not Key
TBSPTotalMax	Tablespace - Max. (KB)	During the period (week or month), the maximum size of the tablespace	FLOAT	Not Key
TBSPUsedMin	Used Tablespace - Min.(KB)	During the period (week or month), the minimum amount of used tablespace capacity	FLOAT	Not Key
TBSPUsedAvg	Used Tablespace - Avg.(KB)	During the period (week or month), the average amount of used tablespace capacity	FLOAT	Not Key

Table 184 DBTableSpaceMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
TBSPUsedMax	Used Tablespace - Max.(KB)	During the period (week or month), the maximum amount of used tablespace capacity	FLOAT	Not Key
TBSPUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
TBSPUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

DBTablespaceMetricsMonthly

This table contains monthly aggregations of numerical data for each Oracle tablespace. The table contains one row per tablespace per week.

**Related
StorageScope API
views**

None

Table 185 DBTableSpaceMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
TBSPKey	Tablespace Key	Internal StorageScope Repository identifier for the tablespace	INTEGER	Both
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
TBSPTotalMin	Tablespace - Min. (KB)	During the period (week or month), the minimum size of the tablespace	FLOAT	Not Key
TBSPTotalAvg	Tablespace Size - Avg. (KB)	During the period (week or month), the average size of the tablespace	FLOAT	Not Key
TBSPTotalMax	Tablespace - Max. (KB)	During the period (week or month), the maximum size of the tablespace	FLOAT	Not Key
TBSPUsedMin	Used Tablespace - Min.(KB)	During the period (week or month), the minimum amount of used tablespace capacity	FLOAT	Not Key
TBSPUsedAvg	Used Tablespace - Avg.(KB)	During the period (week or month), the average amount of used tablespace capacity	FLOAT	Not Key

Table 185 DBTableSpaceMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
TBSPUsedMax	Used Tablespace - Max.(KB)	During the period (week or month), the maximum amount of used tablespace capacity	FLOAT	Not Key
TBSPUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
TBSPUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMDBParameter

This table contains configuration information for parameters defined for Oracle database instances. The table contains one row per parameter. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_HOST_DB_PARAMETER” on page 171](#)

Table 186 SRMDBParameter

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DatabaseKey	Database Key	Internal StorageScope Repository identifier for the database	INTEGER	Both	DB_ID
ParameterKey	Parameter Key	Internal StorageScope Repository identifier for the Oracle parameter	INTEGER	PK	DB_CONFIG_ID
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both	HOST_ID
ParameterID	Parameter ID	Internal ControlCenter Repository identifier for the Oracle parameter	INTEGER	Not Key	DB_CONFIG_ID
ParameterName	Parameter Name	Name of the Oracle parameter	VARCHAR2(128)	Not Key	DB_CONFIGNAME
ParameterValue	Parameter Value	Value of the Oracle parameter	VARCHAR2(512)	Not Key	DB_CONFIGVALUE
DBLastUpdateTime	Last Modified	Date and time the record for the database was last modified in the ControlCenter Repository	DATE	Not Key	DB_LASTUPDATETIME

Exchange tables

The following tables related to Exchange servers are not currently supported and are for future use.

- ◆ SRMExchangeServer
- ◆ SRMExchangeServerMetrics
- ◆ ExchangeServerMetricsWeekly
- ◆ ExchangeServerMetricsMonthly
- ◆ SRMExchangeStorageGrp
- ◆ SRMExchangeStgGrpMetrics
- ◆ ExchangeStgGrpMetricsWeekly
- ◆ ExchangeStgGrpMetricsMonthly
- ◆ SRMExchangeStore
- ◆ SRMExchangeStoreMetrics
- ◆ ExchangeStoreMetricsWeekly
- ◆ ExchangeStoreMetricsMonthly
- ◆ SRMExchangeFile
- ◆ SRMExchangeFileMetrics
- ◆ ExchangeFileMetricsWeekly
- ◆ ExchangeFileMetricsMonthly
- ◆ SRMExchangeMBox
- ◆ SRMExchangeMBoxMetrics
- ◆ ExchangeMBoxMetricsWeekly
- ◆ ExchangeMBoxMetricsMonthly
- ◆ SRMExchangePubFolder
- ◆ SRMExchangePubFMetrics
- ◆ ExchangePubFMetricsWeekly
- ◆ ExchangePubFMetricsMonthly
- ◆ SRMExchangeDept

Backup tables

The following section contains the tables related to software backup and restore jobs.

- ◆ SRMBackupServer 512
- ◆ SRMBackupServerMetrics..... 514
- ◆ SRMBackupClient..... 517
- ◆ SRMBackupClientMetrics 519
- ◆ SRMBackupDataset..... 522
- ◆ SRMBackupDetails..... 523
- ◆ SRMBackupJobErrors..... 525
- ◆ SRMBackupSchedule 527

SRMBackupServer

This table contains configuration information about each backup server. The table contains one row per backup server.

**Related
StorageScope API
views**

[“STS_BACKUP_SERVER” on page 106](#)

Table 187 SRMBackupServer (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	PK	BACKUPSERVER_ID
BackupServerHostKey	Backup Server Host Key	Internal StorageScope Repository identifier for the host on which the backup server resides	INTEGER	FK	None
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
BackupServerID	Backup Server ID	Internal ControlCenter Repository identifier for the the backup server	INTEGER	Not Key	BACKUPSERVER_ID
SoftwareName	Backup Software	Type of backup software installed on the backup server	VARCHAR2(64)	Not Key	SOFTWARE_NAME
SoftwareVersion	Backup Software Version	Version of backup software installed on the backup server	VARCHAR2(32)	Not Key	SOFTWARE_VERSION
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 187 SRMBackupServer (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMBackupServerMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each backup server. The table contains one row for each day the backup server is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_BACKUP_SERVER” on page 106](#)

Table 188 SRMBackupServerMetrics (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	Both	BACKUPSERVER_ID
ClientCount	# Backup Clients	Number of backup clients	NUMBER	Not Key	CLIENT_COUNT
ConfigItemCount	# Configuration Items	Number of configuration items related to the backup client	NUMBER	Not Key	CONFIGITEM_COUNT
DataSetCount	# Data Sets	Number of data sets on the client	NUMBER	Not Key	DATASET_COUNT
TotalJobCount	# Jobs - Total	Total number of jobs run during the last 48 hours	NUMBER	Not Key	TOTAL_JOB_COUNT
TotalJobSize	Job Size - Total (KB)	Total size of jobs run during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_SIZE
TotalJobSuccCount	# Jobs - Successful	Total number of jobs that completed successfully during the last 48 hours	NUMBER	Not Key	TOTAL_JOB_SUCC_COUNT
TotalJobSuccSize	Job Size - Successful (KB)	Total size of jobs that completed successfully during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_SUCC_SIZE

Table 188 SRMBackupServerMetrics (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
TotalJobFailCount	# Jobs - Failed	Total number of jobs that failed during the last 48 hours that failed	NUMBER	Not Key	TOTAL_JOB_FAIL_COUNT
TotalJobFailSize	Job Size - Failed (KB)	Total size of jobs that failed during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_FAIL_SIZE
BackupJobCount	# Backup Jobs - Total	Total number of backup jobs run on the client during the last 48 hours	NUMBER	Not Key	BKUP_JOB_COUNT
BackupJobSize	Backup Jobs - Total (KB)	Size of all backup jobs run during the last 48 hours	FLOAT	Not Key	BKUP_JOB_SIZE
BackupJobSuccCount	# Backup Jobs - Successful	Number of backup jobs that completed successfully during the last 48 hours	NUMBER	Not Key	BKUP_JOB_SUCC_COUNT
BackupJobSuccSize	Backup Jobs - Successful (KB)	Size of all backup jobs that completed successfully during the last 48 hours	FLOAT	Not Key	BKUP_JOB_SUCC_SIZE
BackupJobFailCount	# Backup Jobs - Failed	Number of backup jobs that failed during the last 48 hours	NUMBER	Not Key	BKUP_JOB_FAIL_COUNT
BackupJobFailSize	Backup Jobs - Failed (KB)	Size of all backup jobs that failed during the last 48 hours	FLOAT	Not Key	BKUP_JOB_FAIL_SIZE
RestoreJobCount	# Restore Jobs - Total	Total number of restore jobs run on the client during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_COUNT
RestoreJobSize	Restore Jobs - Total (KB)	Total size of restore jobs run on the client during the last 48 hours	FLOAT	Not Key	RESTORE_JOB_SIZE
RestoreJobSuccCount	# Restore Jobs - Successful	Number of restore jobs that completed successfully during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_SUCC_COUNT

Table 188 SRMBackupServerMetrics (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
RestoreJobSuccSize	Restore Jobs - Successful (KB)	Size of restore jobs that completed successfully during the last 48 hours	FLOAT	Not Key	RESTORE_JOB_SUCC_SIZE
RestoreJobFailCount	# Restore Jobs - Failed	Number of restore jobs that failed during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_FAIL_COUNT
RestoreJobFailSize	Restore Jobs - Failed (KB)	Size of restore jobs that failed during the last 48 hours that failed	FLOAT	Not Key	RESTORE_JOB_FAIL_SIZE
UnknownJobFailCount	# Jobs - Failed Unknown	Total number of unknown jobs that failed during the last 48 hours	NUMBER	Not Key	UNKNOWN_JOB_FAIL_COUNT
UnknownJobFailSize	Job Size - Failed Unknown (KB)	Total size of unknown jobs that failed during the last 48 hours	FLOAT	Not Key	UNKNOWN_JOB_FAIL_SIZE

SRMBackupClient

This table contains configuration information about each backup client for whom backup and restore jobs were performed. The table contains one row per backup client.

**Related
StorageScope API
views**

[“STS_BACKUP_CLIENT” on page 95](#)

Table 189 SRMBackupClient (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	PK	BACKUPCLIENT_ID
BackupClientID	Backup Client ID	Internal ControlCenter Repository identifier for the client host	INTEGER	Not Key	None
BackupClientName	Backup Client Name	Unique system-assigned name of the backup client	VARCHAR2(512)	Not Key	CLIENT_NAME
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	FK	BACKUPSERVER_ID
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 189 SRMBackupClient (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMBackupClientMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each backup client. The table contains one row for each day the client is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_BACKUP_CLIENT” on page 95](#)

Table 190 SRMBackupClientMetrics (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	Both	BACKUPCLIENT_ID
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	Both	BACKUPSERVER_ID
ConfigItemCount	# Configuration Items	Number of configuration items related to the backup client	NUMBER	Not Key	CONFIGITEM_COUNT
DataSetCount	# Data Sets	Number of data sets on the client	NUMBER	Not Key	DATASET_COUNT
TotalJobCount	# Jobs - Total	Total number of jobs run during the last 48 hours	NUMBER	Not Key	TOTAL_JOB_COUNT
TotalJobSize	Job Size - Total (KB)	Total size of jobs run during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_SIZE
TotalJobSuccCount	# Jobs - Successful	Total number of jobs that completed successfully during the last 48 hours	NUMBER	Not Key	TOTAL_JOB_SUCC_COUNT

Table 190 SRMBackupClientMetrics (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
TotalJobSuccSize	Job Size - Successful (KB)	Total size of jobs that completed successfully during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_SUCC_SIZE
TotalJobFailCount	# Jobs - Failed	Total number of jobs that failed during the last 48 hours that failed	NUMBER	Not Key	TOTAL_JOB_FAIL_COUNT
TotalJobFailSize	Job Size - Failed (KB)	Total size of jobs that failed during the last 48 hours	FLOAT	Not Key	TOTAL_JOB_FAIL_SIZE
BackupJobCount	# Backup Jobs - Total	Total number of backup jobs run on the client during the last 48 hours	NUMBER	Not Key	BKUP_JOB_COUNT
BackupJobSize	Backup Jobs - Total (KB)	Size of all backup jobs run during the last 48 hours	FLOAT	Not Key	BKUP_JOB_SIZE
BackupJobSuccCount	# Backup Jobs - Successful	Number of backup jobs that completed successfully during the last 48 hours	NUMBER	Not Key	BKUP_JOB_SUCC_SIZE
BackupJobSuccSize	Backup Jobs - Successful (KB)	Size of all backup jobs that completed successfully during the last 48 hours	FLOAT	Not Key	BKUP_JOB_SUCC_SIZE
BackupJobFailCount	# Backup Jobs - Failed	Number of backup jobs that failed during the last 48 hours	NUMBER	Not Key	BKUP_JOB_FAIL_COUNT
BackupJobFailSize	Backup Jobs - Failed (KB)	Size of all backup jobs that failed during the last 48 hours	FLOAT	Not Key	BKUP_JOB_FAIL_SIZE
RestoreJobCount	# Restore Jobs - Total	Total number of restore jobs run on the client during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_COUNT
RestoreJobSize	Restore Jobs - Total (KB)	Total size of restore jobs run on the client during the last 48 hours	FLOAT	Not Key	RESTORE_JOB_SIZE

Table 190 SRMBackupClientMetrics (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
RestoreJobSuccCount	# Restore Jobs - Successful	Number of restore jobs that completed successfully during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_SUCC_COUNT
RestoreJobSuccSize	Restore Jobs - Successful (KB)	Size of restore jobs that completed successfully during the last 48 hours	FLOAT	Not Key	RESTORE_JOB_SUCC_SIZE
RestoreJobFailCount	# Restore Jobs - Failed	Number of restore jobs that failed during the last 48 hours	NUMBER	Not Key	RESTORE_JOB_FAIL_COUNT
RestoreJobFailSize	Restore Jobs - Failed (KB)	Size of restore jobs that failed during the last 48 hours that failed	FLOAT	Not Key	RESTORE_JOB_FAIL_SIZE
UnknownJobFailCount	# Jobs - Failed Unknown	Total number of unknown jobs that failed during the last 48 hours	NUMBER	Not Key	UNKNOWN_JOB_FAIL_COUNT
UnknownJobFailSize	Job Size - Failed Unknown (KB)	Total size of unknown jobs that failed during the last 48 hours	FLOAT	Not Key	UNKNOWN_JOB_FAIL_SIZE

SRMBackupDataset

This table contains information about each configuration item for a data set. The table contains one row per configuration item. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_BACKUP_DATASET” on page 98](#)

Table 191 SRMBackupDataset

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	FK	BACKUPSERVER_ID
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	FK	CLIENT_ID
ConfigureItemID	Configuration Item ID	Internal ControlCenter Repository identifier for the backup configuration item	INTEGER	Not Key	BACKUPCONFIGITEM_ID
ConfigureItemName	Configuration Item Name	User-defined name of the configuration item (Policy Domain, Group, Policy, or Work Item, depending on the backup software used)	VARCHAR2(64)	Not Key	CONFIGITEMNAME
DateSetSourceName	Data Set Name	Name of the data set (also called the File Space, Save Set, Included File, or Item, depending on the backup software used)	VARCHAR2(512)	Not Key	DATASETSOURCENAME
BackUpDataSetId	Data Set ID	Internal ControlCenter Repository identifier for the backup data set	INTEGER	Not Key	None

SRMBackupDetails

This table provides details about each backup and restore job performed. Each client configured in the configuration item for a job is shown as a separate job with a unique backup job ID and a unique internal job ID. Only data from the 48-hour period before the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_BACKUP_DETAILS” on page 100](#)

Table 192 SRMBackupDetails (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	FK	BACKUPCLIENT_ID
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	FK	BACKUPSERVER_ID
ClientName	Backup Client Name	Unique system-assigned name of the backup client	VARCHAR2(512)	Not Key	CLIENT_NAME
ConfigureItemID	Configuration Item ID	Internal ControlCenter Repository identifier for the backup configuration item	INTEGER	Not Key	BACKUPCONFIGITEM_ID
ConfigureItemName	Configuration Item Name	User-defined name of the configuration item (Policy Domain, Group, Policy, or Work Item, depending on the backup software used)	VARCHAR2(64)	Not Key	CONFIGITEMNAME
ScheduleName	Schedule Name	Name of the schedule	VARCHAR2(128)	Not Key	SCHEDULENAME
BackupJobID	Backup Job ID	Internal ControlCenter Repository identifier for the backup job	INTEGER	Not Key	BACKUPJOB_ID

Table 192 SRMBackupDetails (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
JobStartTime	Job Start Time	Date and time the job started	DATE	Not Key	STARTTIME
JobEndTime	Job End Time	Date and time the job finished	DATE	Not Key	ENDTIME
JobType	Job Type	Type of job	VARCHAR2(64)	Not Key	JOB_TYPE
JobSize	Job Size (KB)	Size of the job	FLOAT	Not Key	JOB_SIZE
BackupLevel	Backup Level	Level of the backup job	VARCHAR2(4000)	Not Key	BACKUPLEVEL
Status	Status	Status of the backup job or status of ETL	VARCHAR2(4000)	Not Key	STATUS
ErrorCount	# Errors	Number of backup errors during the last 48 hours	NUMBER	Not Key	ERROR_COUNT
InternalJobID	Internal Job ID	Internal job ID	VARCHAR2(32)	Not Key	INTERNALJOBID

SRMBackupJobErrors

This table contains details about backup jobs that have failed or raised an exception. The table contains one row per error. Only data from the 48-hour period before the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_BACKUP_JOB_ERRORS” on page 102](#)

Table 193 SRMBackupJobErrors (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	FK	BACKUPCLIENT_ID
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	FK	BACKUPSERVER_ID
ClientName	Backup Client Name	Unique system-assigned name of the backup client	VARCHAR2(512)	Not Key	CLIENT_NAME
ConfigureItemID	Configuration Item ID	Internal ControlCenter Repository identifier for the backup configuration item	INTEGER	Not Key	BACKUPCONFIGITEM_ID
ConfigureItemName	Configuration Item Name	User-defined name of the configuration item (Policy Domain, Group, Policy, or Work Item, depending on the backup software used)	VARCHAR2(64)	Not Key	CONFIGITEMNAME
BackupJobID	Backup Job ID	Internal ControlCenter Repository identifier for the backup job	INTEGER	Not Key	BACKUPJOB_ID
JobStartTime	Job Start Time	Date and time the job started	DATE	Not Key	STARTTIME
JobEndTime	Job End Time	Date and time the job finished	DATE	Not Key	ENDTIME

Table 193 SRMBackupJobErrors (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
JobType	Job Type	Type of job	VARCHAR2(64)	Not Key	JOB_TYPE
Reason	Job Error Reason	Reason for the job error or exception	VARCHAR2(512)	Not Key	REASON
JobResultDescription	Job Result Description	Description of the job results	VARCHAR2(1024)	Not Key	JOBRESULTDESCRIPTION
RootCauseDescription	Error Root Cause	Description of the root cause of the error	VARCHAR2(1024)	Not Key	ROOTCAUSEDESCRIPTION
RootCauseSummary	Error Summary	Summary of the root cause of the error	VARCHAR2(512)	Not Key	ROOTCAUSESUMMARY

SRMBackupSchedule

This table provides details about backup job schedules including information about catalogs. The table contains one row per schedule. Only data from the 48-hour period before the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_BACKUP_SCHEDULE” on page 104](#)

Table 194 SRMBackupSchedule (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
BackupClientKey	Backup Client Key	Internal StorageScope Repository identifier for the client host	INTEGER	FK	BACKUPCLIENT_ID
BackupServerKey	Backup Server Key	Internal StorageScope Repository identifier for the backup server	INTEGER	FK	BACKUPSERVER_ID
ClientName	Backup Client Name	Unique system-assigned name of the backup client	VARCHAR2(512)	Not Key	CLIENT_NAME
ConfigureItemName	Configuration Item Name	User-defined name of the configuration item (Policy Domain, Group, Policy, or Work Item, depending on the backup software used)	VARCHAR2(64)	Not Key	CONFIGITEMNAME
ScheduleName	Schedule Name	Name of the schedule	VARCHAR2(128)	Not Key	SCHEDULENAME
ScheduleType	Schedule Type	Type of schedule	VARCHAR2(128)	Not Key	SCHEDULETYPE
DataSetSourceName	Data Set Name	Name of the data set (also called the File Space, Save Set, Included File, or Item, depending on the backup software used)	VARCHAR2(512)	Not Key	DATASETSOURCENAME
JobStartTime	Job Start Time	Date and time the job started	DATE	Not Key	STARTTIME

Table 194 SRMBackupSchedule (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
Frequency	Frequency	Frequency of the backup schedule	VARCHAR2(1024)	Not Key	FREQUENCY
Period	Period	Maximum window of opportunity (HH:MM:SS) during which a backup job can run	VARCHAR2(32)	Not Key	PERIOD
CatalogRetentionPeriod	Catalog Retention Period	Period of time for which a catalog is active	VARCHAR2(128)	Not Key	CATALOGRETENTIONPERIOD
MediaRetentionPeriod	Media Retention Period	Period of time that the backup will be retained on the backup media	VARCHAR2(32)	Not Key	MEDIARETENTIONPERIOD
StorageType	Storage Type	Type of storage on which the backup is stored	VARCHAR2(64)	Not Key	STORAGETYPE

File and folder tables

The following section contains the tables related to files and folders.

- ◆ SRMFile 530
- ◆ FileActivityMetricsWeekly 534
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- ◆ FileTypeMetricsWeekly 540
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SRMFile

This table contains configuration information and numerical data about files. File information is collected by the ControlCenter host agents and stored in the StorageScope Repository by the FLR Archiver agent. The type and level of file data collected by an agent is determined by the File Level Collection policy created in ControlCenter for the agent. The table contains one row per file.

**Related
StorageScope API
views**

None

Table 195 SRMFile (1 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FileName	File Name	Name of the file	VARCHAR2(1024)	Not Key
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	FK
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Not Key
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Not Key
ParentDir	Parent Directory	Parent directory of the folder or file	VARCHAR2(4000)	Not Key
Depth	File/Folder Depth	Depth of the file or folder relative to the root of the file system mountpoint. In Windows systems, C: is depth 0. In UNIX systems, /var is depth 0.	INTEGER	Not Key
CreateTime	Date Created	Date and time the file was created	DATE	Not Key
AccessTime	Last Accessed	Date and time the file or folder was last accessed	DATE	Not Key
WriteTime	Last Modified	Date and time the file or folder was last modified	DATE	Not Key
StatusChangeTime	Last Status Change	Date and time that status of the file or folder last changed	DATE	Not Key

Table 195 SRMFile (2 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Archive	Archived?	Indicates whether or not the file or folder has been archived. One (1) means it has been archived, and zero (0) means it has not.	INTEGER	Not Key
Compressed	Compressed?	Indicates whether or not the file or folder is compressed. One (1) means it is compressed, and zero (0) means it is not.	INTEGER	Not Key
Hidden	Hidden?	Indicates whether or not the file or folder is hidden. One (1) means it is hidden, and zero (0) means it is not.	INTEGER	Not Key
Normal	Normal?	Indicates whether or not the file or folder is normal (has no other attributes set). One (1) means the file or folder is normal, and zero (0) means it is not.	INTEGER	Not Key
OfflineFile	Offline?	Indicates whether or not the file or folder is configured for offline availability. One (1) means the file or folder is configured for offline availability, and zero (0) means it is not.	INTEGER	Not Key
ReadOnly	Read-only?	Indicates whether or not the file or folder is read-only. One (1) means the file or folder is read-only, and zero (0) means it is not.	INTEGER	Not Key
ReparsePoint	Reparse Point?	Indicates whether or not the file or folder contains a reparse point. One (1) means the file or folder does contain a reparse point, and zero (0) means it does not.	INTEGER	Not Key
SparseFile	Sparse?	Indicates whether or not the file or folder contains a sparse data set. One (1) means the file or folder does contain a sparse data set, and zero (0) means it does not.	INTEGER	Not Key

Table 195 SRMFile (3 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
System	System?	Indicates whether or not this is a system file or folder. One (1) means this is a system file or folder, and zero (0) means it is not.	INTEGER	Not Key
TemporaryFile	Temporary?	Indicates whether or not this file or folder is temporary. One (1) means this is a temporary file or folder, and zero (0) means it is not.	INTEGER	Not Key
SymbolicLink	Symbolic Link?	Indicates whether or not the file or folder is a symbolic link. One (1) means the file or folder is a symbolic link, and zero (0) means it is not.	INTEGER	Not Key
ActualSize	Actual Size (B)	Size of the data in the file, in all files for the owner or file type, or all files in the folder at the time of the last file system scan. If this is a folder, does not include files in any of its subfolders.	NUMBER(20)	Not Key
AllocSize	Allocated Space (B)	Amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder at the time the file system was last scanned. If this is a folder, does not include files in any of its subfolders.	NUMBER(20)	Not Key
Extension	File Name Extension	The file name extension or suffix (for example, .jpg or .txt).	VARCHAR2(255)	Not Key
ParentDirHash	Parent Directory Hash Value	Hash value of the parent directory	INTEGER	Not Key
ExceptionalFileFlag	Exception?	Indicates whether or not this file or folder encountered an exception. One (1) means yes, and zero (0) means no.	INTEGER	Not Key
ScanMode	Scan Mode	Method used to scan files (DeepScan or Exceptional)	VARCHAR2(255)	Not Key
Owner	Owner	Owner of the file or folder	VARCHAR2(255)	Not Key
OwnerDomain	Owner Domain	Domain of the file or folder owner	VARCHAR2(255)	Not Key

Table 195 SRMFile (4 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
OwnerGroup	Owner Group	Group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
OwnerGroupDomain	Owner Group Domain	Domain of the group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key

FileActivityMetricsWeekly

This table contains weekly aggregations of numerical data about the file activities in each file system. File activities include counts and capacities of files that were created, modified, or accessed. The table contains one row per file system per week.

**Related
StorageScope API
views**

None

Table 196 FileActivityMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
AccessFileCount	# Files - Accessed	Number of files in the file system accessed during the period (week or month)	NUMBER	Not Key
AccessActualSize	Accessed Files - Actual Size (B)	Size of the data in all files accessed during the period (week or month)	FLOAT	Not Key
AccessAllocSize	Accessed Files - Allocated Space (B)	Amount of space allocated on disk for all files accessed during the period (week or month)	FLOAT	Not Key
CreateFileCount	# Files - Created	Number of files created during the period (week or month)	NUMBER	Not Key
CreateActualSize	Created Files - Actual Size (B)	Size of the data files created during the period (week or month)	FLOAT	Not Key
CreateAllocSize	Created Files - Allocated Space (B)	Amount of space allocated on disk for files created during the period (week or month)	FLOAT	Not Key

Table 196 FileActivityMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ModifiedFileCount	# Files - Modified	Number of files modified during the period (week or month)	NUMBER	Not Key
ModifiedActualSize	Modified Files - Actual Size (B)	Size of the data in all files modified during the period (week or month)	FLOAT	Not Key
ModifiedAllocSize	Modified Files - Allocated Space (B)	Amount of space allocated on disk for files modified during the period (week or month)	FLOAT	Not Key

FileActivityMetricsMonthly

This table contains monthly aggregations of numerical data about the file activities in each file system. File activities include counts and capacities of files that were created, modified, or accessed. The table contains one row per file system per month.

**Related
StorageScope API
views**

None

Table 197 FileActivityMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
AccessFileCount	# Files - Accessed	Number of files in the file system accessed during the period (week or month)	NUMBER	Not Key
AccessActualSize	Accessed Files - Actual Size (B)	Size of the data in all files accessed during the period (week or month)	FLOAT	Not Key
AccessAllocSize	Accessed Files - Allocated Space (B)	Amount of space allocated on disk for all files accessed during the period (week or month)	FLOAT	Not Key
CreateFileCount	# Files - Created	Number of files created during the period (week or month)	NUMBER	Not Key
CreateActualSize	Created Files - Actual Size (B)	Size of the data in files created during the period (week or month)	FLOAT	Not Key
CreateAllocSize	Created Files - Allocated Space (B)	Amount of space allocated on disk for files created during the period (week or month)	FLOAT	Not Key

Table 197 FileActivityMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ModifiedFileCount	# Files - Modified	Number of files modified during the period (week or month)	NUMBER	Not Key
ModifiedActualSize	Modified Files - Actual Size (B)	Size of the data in all files modified during the period (week or month)	FLOAT	Not Key
ModifiedAllocSize	Modified Files - Allocated Space (B)	Amount of space allocated on disk for all files modified during the period (week or month)	FLOAT	Not Key

SRMFileType

This table contains basic configuration information about predefined and user-defined file types. File types are created and maintained in ControlCenter. The table contains one row per file type.

**Related
StorageScope API
views**

None

Table 198 SRMFileType

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FileTypeKey	File Type Key	Internal StorageScope Repository identifier for the file type	INTEGER	PK
FileTypeName	File Type	Name of the file type (a grouping of filename extensions created in the ControlCenter Console used to filter report and query results)	VARCHAR2(128)	Not Key
FileExtension	File Name Extensions	List of the file name extensions that make up the file type	VARCHAR2(512)	Not Key
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key

SRMFileTypeMetrics

This table contains contains up to 42 days (six weeks) of numerical data (counts and capacities) for each predefined and user-defined file type. File types are created and maintained in ControlCenter. The table contains one row for each day the file type is found in the ControlCenter Repository during ETL

Related
StorageScope API
views

None

Table 199 SRMFileTypeMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileTypeKey	File Type Key	Internal StorageScope Repository identifier for the file type	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCount	# Files	Number of files in the folder (excludes files in subfolders), for the owner, or of the file type	NUMBER	Not Key
ActualSize	Actual Size (B)	Size of the data in the file, in all files for the owner or file type, or all files in the folder at the time of the last file system scan. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSize	Allocated Space (B)	Amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder at the time the file system was last scanned. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

FileTypeMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for predefined and user-defined file types. File types are created and maintained in ControlCenter. The table contains one row per file type per week.

Related
StorageScope API
views

None

Table 200 FileTypeMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileTypeKey	File Type Key	Internal StorageScope Repository identifier for the file type	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 200 FileTypeMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

FileTypeMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for predefined and user-defined file types. File types are created and maintained in ControlCenter. The table contains one row per file type per month.

Related
StorageScope API
views

None

Table 201 FileTypeMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FileTypeKey	File Type Key	Internal StorageScope Repository identifier for the file type	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 201 FileTypeMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

SRMFolder

This table contains configuration information and numerical data about folders. Folder information is collected by the ControlCenter host agents and stored in the StorageScope Repository by the FLR Archiver agent. The type and level of folder data collected an agent is determined by the File Level Collection policy created in ControlCenter for the agent. The table contains one row per folder.

**Related
StorageScope API
views**

None

Table 202 SRMFolder (1 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	PK
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Not Key
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Not Key
FolderName	Folder Name	Name of the folder. Includes the path to the folder from the parent directory.	VARCHAR2(1024)	Not Key
ParentDir	Parent Directory	Parent directory of the folder or file	VARCHAR2(4000)	Not Key
Depth	File/Folder Depth	Depth of the file or folder relative to the root of the file system mountpoint. In Windows systems, C: is depth 0. In UNIX systems, /var is depth 0.	INTEGER	Not Key
CreateTime	Date Created	Date and time the file was created	DATE	Not Key
AccessTime	Last Accessed	Date and time the file or folder was last accessed	DATE	Not Key
WriteTime	Last Modified	Date and time the file or folder was last modified	DATE	Not Key

Table 202 SRMFolder (2 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
StatusChangeTime	Last Status Change	Date and time that status of the file or folder last changed	DATE	Not Key
Archive	Archived?	Indicates whether or not the file or folder has been archived. One (1) means it has been archived, and zero (0) means it has not.	INTEGER	Not Key
Compressed	Compressed?	Indicates whether or not the file or folder is compressed. One (1) means it is compressed, and zero (0) means it is not.	INTEGER	Not Key
Hidden	Hidden?	Indicates whether or not the file or folder is hidden. One (1) means it is hidden, and zero (0) means it is not.	INTEGER	Not Key
Normal	Normal?	Indicates whether or not the file or folder is normal (has no other attributes set). One (1) means the file or folder is normal, and zero (0) means it is not.	INTEGER	Not Key
OfflineFile	Offline?	Indicates whether or not the file or folder is configured for offline availability. One (1) means the file or folder is configured for offline availability, and zero (0) means it is not.	INTEGER	Not Key
ReadOnly	Read-only?	Indicates whether or not the file or folder is read-only. One (1) means the file or folder is read-only, and zero (0) means it is not.	INTEGER	Not Key
ReparsePoint	Reparse Point?	Indicates whether or not the file or folder contains a reparse point. One (1) means the file or folder does contain a reparse point, and zero (0) means it does not.	INTEGER	Not Key
SparseFile	Sparse?	Indicates whether or not the file or folder contains a sparse data set. One (1) means the file or folder does contain a sparse data set, and zero (0) means it does not.	INTEGER	Not Key

Table 202 SRMFolder (3 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
System	System?	Indicates whether or not this is a system file or folder. One (1) means this is a system file or folder, and zero (0) means it is not.	INTEGER	Not Key
TemporaryFile	Temporary?	Indicates whether or not this file or folder is temporary. One (1) means this is a temporary file or folder, and zero (0) means it is not.	INTEGER	Not Key
SymbolicLink	Symbolic Link?	Indicates whether or not the file or folder is a symbolic link. One (1) means the file or folder is a symbolic link, and zero (0) means it is not.	INTEGER	Not Key
Shared	Shared Folder?	Indicates whether or not the folder is shared. One (1) means it is shared, and zero (0) means it is not.	INTEGER	Not Key
FileCount	# Files	Number of files in the folder (excludes files in subfolders), for the owner, or of the file type	INTEGER	Not Key
SubDirCount	# Subfolders	Number of subfolders directly under this folder	INTEGER	Not Key
ActualSize	Actual Size (B)	Size of the data in the file, in all files for the owner or file type, or all files in the folder at the time of the last file system scan. If this is a folder, does not include files in any of its subfolders.	NUMBER(20)	Not Key
AllocSize	Allocated Space (B)	Amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder at the time the file system was last scanned. If this is a folder, does not include files in any of its subfolders.	NUMBER(20)	Not Key
TotalFileCount	# Files - Total	Total number of files in the folder and its subfolders	INTEGER	Not Key

Table 202 SRMFolder (4 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
TotalSubDirCount	# Subfolders - Total	Total number of subfolders under this folder. Includes both subfolders directly under the folder and all folders below them in the file system.	INTEGER	Not Key
TotalActualSize	Folder Actual Size (B)	Size of the data in the folder and all its subfolders at the time the file system was last scanned	NUMBER(20)	Not Key
TotalAllocSize	Folder Allocated Space (B)	Amount of space allocated on disk for the folder and all its subfolders at the time the file system was last scanned	NUMBER(20)	Not Key
Extension	File Name Extension	The file name extension or suffix (for example, .jpg or .txt).	VARCHAR2(255)	Not Key
ParentDirHash	Parent Directory Hash Value	Hash value of the parent directory	INTEGER	Not Key
Owner	Owner	Owner of the file or folder	VARCHAR2(255)	Not Key
OwnerDomain	Owner Domain	Domain of the file or folder owner	VARCHAR2(255)	Not Key
OwnerGroup	Owner Group	Group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
OwnerGroupDomain	Owner Group Domain	Domain of the group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key

SRMTopFolder

This table contains configuration information about top folders. A top folder is a folder with a folder depth of zero (0) or one (1) relative to the root of the file system mountpoint. The table is loaded during ETL based on the folder depth value in the SRMFolder table. The table contains one row per top folder.

**Related
StorageScope API
views**

None

Table 203 SRMTopFolder (1 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	PK
FolderName	Folder Name	Name of the folder. Includes the path to the folder from the parent directory.	VARCHAR2(1024)	Not Key
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK
ParentDir	Parent Directory	Parent directory of the folder or file	VARCHAR2(4000)	Not Key
ParentDirHash	Parent Directory Hash Value	Hash value of the parent directory	INTEGER	Not Key
Depth	File/Folder Depth	Depth of the file or folder relative to the root of the file system mountpoint. In Windows systems, C: is depth 0. In UNIX systems, /var is depth 0.	INTEGER	Not Key
CreateTime	Date Created	Date and time the file was created	DATE	Not Key
AccessTime	Last Accessed	Date and time the file or folder was last accessed	DATE	Not Key
WriteTime	Last Modified	Date and time the file or folder was last modified	DATE	Not Key
StatusChangeTime	Last Status Change	Date and time that status of the file or folder last changed	DATE	Not Key

Table 203 SRMTopFolder (2 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Owner	Owner	Owner of the file or folder	VARCHAR2(255)	Not Key
OwnerDomain	Owner Domain	Domain of the file or folder owner	VARCHAR2(255)	Not Key
OwnerGroup	Owner Group	Group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
OwnerGroupDomain	Owner Group Domain	Domain of the group to which the file or folder owner belongs	VARCHAR2(255)	Not Key
Archive	Archived?	Indicates whether or not the file or folder has been archived. One (1) means it has been archived, and zero (0) means it has not.	INTEGER	Not Key
Compressed	Compressed?	Indicates whether or not the file or folder is compressed. One (1) means it is compressed, and zero (0) means it is not.	INTEGER	Not Key
Hidden	Hidden?	Indicates whether or not the file or folder is hidden. One (1) means it is hidden, and zero (0) means it is not.	INTEGER	Not Key
Normal	Normal?	Indicates whether or not the file or folder is normal (has no other attributes set). One (1) means the file or folder is normal, and zero (0) means it is not.	INTEGER	Not Key
OfflineFile	Offline?	Indicates whether or not the file or folder is configured for offline availability. One (1) means the file or folder is configured for offline availability, and zero (0) means it is not.	INTEGER	Not Key
ReadOnly	Read-only?	Indicates whether or not the file or folder is read-only. One (1) means the file or folder is read-only, and zero (0) means it is not.	INTEGER	Not Key
ReparsePoint	Reparse Point?	Indicates whether or not the file or folder contains a reparse point. One (1) means the file or folder does contain a reparse point, and zero (0) means it does not.	INTEGER	Not Key

Table 203 SRMTopFolder (3 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SparseFile	Sparse?	Indicates whether or not the file or folder contains a sparse data set. One (1) means the file or folder does contain a sparse data set, and zero (0) means it does not.	INTEGER	Not Key
System	System?	Indicates whether or not this is a system file or folder. One (1) means this is a system file or folder, and zero (0) means it is not.	INTEGER	Not Key
TemporaryFile	Temporary?	Indicates whether or not this file or folder is temporary. One (1) means this is a temporary file or folder, and zero (0) means it is not.	INTEGER	Not Key
SymbolicLink	Symbolic Link?	Indicates whether or not the file or folder is a symbolic link. One (1) means the file or folder is a symbolic link, and zero (0) means it is not.	INTEGER	Not Key
Shared	Shared Folder?	Indicates whether or not the folder is shared. One (1) means it is shared, and zero (0) means it is not.	INTEGER	Not Key
Extension	File Name Extension	The file name extension or suffix (for example, .jpg or .txt).	VARCHAR2(255)	Not Key
IsClustered	Clustered?	Indicates whether or not the object (for example, a host, volume group, or file system) is in a host cluster	VARCHAR2(3)	Not Key
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key

Table 203 SRMTopFolder (4 of 4)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key

SRMTopFolderMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each top folder. A top folder is a folder at folder depth zero (0) or one (1) relative to the root of the file system mountpoint. The table contains one row for each day the top folder is found in the SRMFolder table during ETL.

**Related
StorageScope API
views**

None

Table 204 SRMTopFolderMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCount	# Files	Number of files in the folder (excludes files in subfolders), for the owner, or of the file type	NUMBER	Not Key
ActualSize	Actual Size (B)	Size of the data in the file, in all files for the owner or file type, or all files in the folder at the time of the last file system scan. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSize	Allocated Space (B)	Amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder at the time the file system was last scanned. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

Table 204 SRMTopFolderMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SubDirCount	# Subfolders	Number of subfolders directly under this folder	NUMBER	Not Key
TotalFileCount	# Files - Total	Total number of files in the folder and its subfolders	NUMBER	Not Key
TotalActualSize	Folder Actual Size (B)	Size of the data in the folder and all its subfolders at the time the file system was last scanned	FLOAT	Not Key
TotalAllocSize	Folder Allocated Space (B)	Amount of space allocated on disk for the folder and all its subfolders at the time the file system was last scanned	FLOAT	Not Key
TotalSubDirCount	# Subfolders - Total	Total number of subfolders under this folder. Includes both subfolders directly under the folder and all folders below them in the file system.	NUMBER	Not Key

TopFolderMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for top folders (folders at folder depth zero (0) or one (1) relative to the root of the file system mountpoint). the table contains one row per top folder per week.

Related
StorageScope API
views

None

Table 205 TopFolderMetricsWeekly (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 205 TopFolderMetricsWeekly (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
TotalFileCountMin	# Files - Min. Total	During the period (week or month), the minimum number of files in the folder and its subfolders	NUMBER	Not Key

Table 205 TopFolderMetricsWeekly (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
TotalFileCountAvg	# Files - Avg. Total	During the period (week or month), the average number of files in the folder and its subfolders	NUMBER	Not Key
TotalFileCountMax	# Files - Max. Total	During the period (week or month), the maximum number of files in the folder and its subfolders	NUMBER	Not Key
TotalActualSizeMin	Folder Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalActualSizeAvg	Folder Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalActualSizeMax	Folder Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeMin	Folder Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeAvg	Folder Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeMax	Folder Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key

TopFolderMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for top folders (folders at folder depth zero (0) or one (1) relative to the root of the file system mountpoint). The table contains one row per top folder per month.

Related
StorageScope API
views

None

Table 206 TopFolderMetricsMonthly (1 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 206 TopFolderMetricsMonthly (2 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
TotalFileCountMin	# Files - Min. Total	During the period (week or month), the minimum number of files in the folder and its subfolders	NUMBER	Not Key

Table 206 TopFolderMetricsMonthly (3 of 3)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
TotalFileCountAvg	# Files - Avg. Total	During the period (week or month), the average number of files in the folder and its subfolders	NUMBER	Not Key
TotalFileCountMax	# Files - Max. Total	During the period (week or month), the maximum number of files in the folder and its subfolders	NUMBER	Not Key
TotalActualSizeMin	Folder Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalActualSizeAvg	Folder Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalActualSizeMax	Folder Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeMin	Folder Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeAvg	Folder Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key
TotalAllocSizeMax	Folder Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the folder and all its subfolders	FLOAT	Not Key

SRMFolderSummary

This table summarizes numerical data for top folders by file type. The table contains one row per unique combination of folder and file type.

Related
StorageScope API
views

None

Table 207 SRMFolderSummary

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
FolderKey	Folder/Directory Key	Internal StorageScope Repository identifier for the folder or directory	INTEGER	Both
FileTypeKey	File Type Key	Internal StorageScope Repository identifier for the file type	INTEGER	Both
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Not Key
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Not Key
TotalFileCount	# Files - Total	Total number of files in the folder and its subfolders	INTEGER	Not Key
TotalAllocSize	Folder Allocated Space (B)	Amount of space allocated on disk for the folder and all its subfolders at the time the file system was last scanned	NUMBER(20)	Not Key
TotalActualSize	Folder Actual Size (B)	Size of the data in the folder and all its subfolders at the time the file system was last scanned	NUMBER(20)	Not Key
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key

SRMFileOwner

This table contains basic information about file owners. The table contains one row for each file owner and is populated during ETL by selecting data from the SRMFile table.

**Related
StorageScope API
views**

None

Table 208 SRMFileOwner

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
OwnerKey	Owner Key	Internal ControlCenter Repository identifier for the file or folder owner	INTEGER	PK
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK
Owner	Owner	Owner of the file or folder	VARCHAR2(256)	Not Key
OwnerDomain	Owner Domain	Domain of the file or folder owner	VARCHAR2(256)	Not Key
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key

SRMFileOwnerMetrics

This table contains up to 42 days (six weeks) of numerical data (file count and capacities) for each file owner. The table contains one row for each day the owner is found in the SRMFile table during ETL.

**Related
StorageScope API
views**

None

Table 209 SRMFileOwnerMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
OwnerKey	Owner Key	Internal ControlCenter Repository identifier for the file or folder owner	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCount	# Files	Number of files in the folder (excludes files in subfolders), for the owner, or of the file type	NUMBER	Not Key
ActualSize	Actual Size (B)	Size of the data in the file, in all files for the owner or file type, or all files in the folder at the time of the last file system scan. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSize	Allocated Space (B)	Amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder at the time the file system was last scanned. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

OwnerMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for file owners. The table contains one row per owner per week.

Related
StorageScope API
views

None

Table 210 OwnerMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
OwnerKey	Owner Key	Internal ControlCenter Repository identifier for the file or folder owner	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 210 OwnerMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

OwnerMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for file owners. The table contains one row per owner per month.

Related
StorageScope API
views

None

Table 211 OwnerMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Both
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
OwnerKey	Owner Key	Internal ControlCenter Repository identifier for the file or folder owner	INTEGER	Both
FileSystemKey	File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
FileCountMin	# Files - Min.	During the period (week or month), the minimum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountAvg	# Files - Avg.	During the period (week or month), the average number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key
FileCountMax	# Files - Max.	During the period (week or month), the maximum number of files in the folder (excludes files in subfolders), for the owner, or of the file type.	NUMBER	Not Key

Table 211 OwnerMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ActualSizeMin	Actual Size - Min. (B)	During the period (week or month), the minimum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeAvg	Actual Size - Avg. (B)	During the period (week or month), the average size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
ActualSizeMax	Actual Size - Max. (B)	During the period (week or month), the maximum size of the data in the file, in all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMin	Allocated Space - Min. (B)	During the period (week or month), the minimum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeAvg	Allocated Space - Avg. (B)	During the period (week or month), the average amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key
AllocSizeMax	Allocated Space - Max. (B)	During the period (week or month), the maximum amount of space allocated on disk for the file, all files for the owner or file type, or all files in the folder. If this is a folder, does not include files in any of its subfolders.	FLOAT	Not Key

FileGroup

This table contains configuration data for the chargeback file groups created in StorageScope. The table contains one row per file group. Only data from the most recent ETL is reported.

Related
StorageScope API
views

None

Table 212 FileGroup

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
ValuePerGB	Chargeback Value	Chargeback value per GB of storage	FLOAT	Not Key
Localunit	Display Unit	Identifies the unit in which storage capacity is displayed for chargeback purposes. Zero (0) corresponds to MB, one (1) to GB, and two (2) to TB.	INTEGER	Not Key

FileGroupPath

This table contains path information for the resources (for example, hosts, folders, or directories) in the chargeback file groups created in StorageScope. The table contains one row per file group resource. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

None

Table 213 FileGroupPath

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	Not Key
Path	Path	Path to the file group	VARCHAR2(4000)	Not Key
IsValid	Valid Path?	Indicates whether or not the path to the file group is valid (that is, can be scanned)	INTEGER	Not Key

NAS tables

The following section contains the tables related to NAS servers, file systems, and data movers.

- ◆ SRMNASServer 570
- ◆ SRMNASServerMetrics 572
- ◆ NASServerMetricsWeekly 574
- ◆ NASServerMetricsMonthly 576
- ◆ SRMNASDataMover 578
- ◆ SRMNASDataMoverMetrics 580
- ◆ NASDataMoverMetricsWeekly 582
- ◆ NASDataMoverMetricsMonthly 584
- ◆ SRMNASFS 586
- ◆ SRMNASFSMetrics 588
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- ◆ SRMNASFSQuota 594
- ◆ SRMNASFSDataMover 595
- ◆ SRMNASFIInterface 596
- ◆ SRMNASFSExport 597
- ◆ SRMNASDevice 598
- ◆ SRMNASFSMountPoint 600
- ◆ SRMNASSrvByGroupMetrics 601
- ◆ SRMNASFSByGroupMetrics 603

SRMNASServer

This table contains basic configuration information for each NAS server found in the ControlCenter Repository. The table contains one row per NAS server.

Related StorageScope API views

[“STS_NASCONTAINER” on page 198](#)

Table 214 SRMNASServer (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	PK	NC_ID
NASServerID	NAS Server ID	Internal ControlCenter Repository identifier for the file server	INTEGER	Not Key	NC_ID
NASServerSerialNumber	NAS Server S/N	Serial number of the NAS server	VARCHAR2(64)	Not Key	NC_SN
NASServerAlias	NAS Server Name	User-defined name (alias) or system-assigned name of the NAS server	VARCHAR2(128)	Not Key	NC_Alias
NASServerProduct	NAS Server Type	Type of NAS server	VARCHAR2(64)	Not Key	ST_PRODUCT
NASServerModel	NAS Server Model	Server model	VARCHAR2(20)	Not Key	ST_MODEL
NASServerVendor	NAS Server Vendor	Vendor of the server	VARCHAR2(64)	Not Key	ST_VENDOR
NASServerOSVersion	NAS OS Version	Version of the operating system on the NAS server	VARCHAR2(32)	Not Key	NC_OSVERSION
DataMoverLastConfigDate	Data Mover Last Config	Date and time that the data mover was last configured	DATE	Not Key	NC_LASTCONFIGUPDATE
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None

Table 214 SRMNASServer (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMNASServerMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each NAS server. The table contains one row for each day the NAS server is found in the ControlCenter Repository during ETL.

Related StorageScope API views

[“STS_NASCONTAINER” on page 198](#)

Table 215 SRMNASServerMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both	NC_ID
NASServerTotal	NAS Server Capacity (KB)	Capacity of the NAS server or servers in the group	FLOAT	Not Key	NC_TOTAL
NASServerFSTotal	File System (KB)	Capacity of file systems on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key	NC_FSTOTAL
NASServerFSUsed	Used File System (KB)	Amount of file system capacity on the NAS server or servers in the group that is used	FLOAT	Not Key	NC_FSUSED
NASServerFSFree	Free File System (KB)	Amount of available file system capacity on the NAS server or the servers in the group	FLOAT	Not Key	NC_FSFREE
NASServerFSCount	# File Systems	Number of file systems on the NAS server or servers in the group	NUMBER	Not Key	NC_NSFSCOUNT

Table 215 SRMNASServerMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASServerDataMoverCount	# Data Movers	Number of data movers	NUMBER	Not Key	NC_SERVERCOUNT
NASServerActiveDMCount	# Active Data Movers	Number of active data movers	NUMBER	Not Key	NC_ACTIVE_SERVERCOUNT
NASServerStandbyDMCount	# Standby Data Movers	Number of standby data movers	NUMBER	Not Key	NC_STANDBY_SERVERCOUNT
NASServerSnapshotTotal	NAS Snapshot (KB)	Total capacity on the NAS server or servers in the group reserved for file system snapshots	FLOAT	Not Key	NC_SNAPSHOT_TOTAL
NASServerSnapshotUsed	Used NAS Snapshot (KB)	Amount of reserved snapshot capacity on the NAS server or servers in the group that is consumed by file system snapshots	FLOAT	Not Key	NC_SNAPSHOT_USED
NASServerSnapshotFree	Free NAS Snapshot (KB)	Amount of reserved snapshot capacity on the NAS server available for file system snapshots	FLOAT	Not Key	NC_SNAPSHOT_FREE

NASServerMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for NAS servers. The table contains one row per NAS server per week.

Related
StorageScope API
views

None

Table 216 NASServerMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASServerTotalMin	NAS Server Capacity - Min. (KB)	During the period (week or month), the minimum capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerTotalAvg	NAS Server Capacity - Avg. (KB)	During the period (week or month), the average capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerTotalMax	NAS Server Capacity - Max. (KB)	During the period (week or month), the maximum capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerFSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key

Table 216 NASServerMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASServerFSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSUsedMin	Used File System - Min. (KB)	On a single during the period (week or month), the minimum amount of file system capacity on the file server that was used	FLOAT	Not Key
NASServerFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedMax	Used File System - Max. (KB)	On a single during the period (week or month), the maximum amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedSlope	Reserved for Future Use	Resrvd for future use	FLOAT	Not Key
NASServerFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

NASServerMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for NAS servers. The table contains one row per NAS server per month.

Related
StorageScope API
views

None

Table 217 NASServerMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASServerTotalMin	NAS Server Capacity - Min. (KB)	During the period (week or month), the minimum capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerTotalAvg	NAS Server Capacity - Avg. (KB)	During the period (week or month), the average capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerTotalMax	NAS Server Capacity - Max. (KB)	During the period (week or month), the maximum capacity of the NAS server or servers in the group	FLOAT	Not Key
NASServerFSTotalMin	File System - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key

Table 217 NASServerMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASServerFSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key
NASServerFSUsedMin	Used File System - Min. (KB)	On a single during the period (week or month), the minimum amount of file system capacity on the file server that was used	FLOAT	Not Key
NASServerFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedMax	Used File System - Max. (KB)	On a single during the period (week or month), the maximum amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the NAS server or servers in the group that was used	FLOAT	Not Key
NASServerFSUsedSlope	Reserved for Future Use	Resrvd for future use	FLOAT	Not Key
NASServerFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMNASDataMover

This table contains basic configuration information about NAS data movers found in the ControlCenter Repository. The table contains one row per data mover.

**Related
StorageScope API
views**

[“STS_NASCONTAINER_NASSERVER” on page 207](#)

Table 218 SRMNASDataMover (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	PK	NS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK	NC_ID
NASDataMoverID	Data Mover ID	Internal ControlCenter Repository identifier for the data mover	INTEGER	Not Key	NS_ID
NASDataMoverName	Data Mover	System-assigned name of the data mover	VARCHAR2(256)	Not Key	NS_NAME
NASDataMoverAlias	Data Mover Name	User-defined name (alias) or system-assigned name of the data mover	VARCHAR2(4000)	Not Key	NS_ALIAS
NASDataMoverStatus	Data Mover Status	Indicates whether the data mover is active or on standby	VARCHAR2(10)	Not Key	NS_ONSTANDBY
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 218 SRMNASDataMover (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMNASDataMoverMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each NAS data mover. The table contains one row for each day the data mover is found in the ControlCenter Repository during ETL.

**Related
StorageScope API
views**

[“STS_NASCONTAINER_NASSERVER” on page 207](#)

Table 219 SRMNASDataMoverMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both	NS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both	NC_ID
NASDMMemory	Data Mover Memory (KB)	Amount of memory installed on the data mover	FLOAT	Not Key	NS_MEMORYSIZE
NASDMSlot	Slot	Location of the data mover in the NAS server	NUMBER	Not Key	NS_SLOT
NASDMAAllocatedTotal	Allocated (KB)	Amount of capacity allocated to the data mover	FLOAT	Not Key	NS_ALLOCATED
NASDMIPIInterfaceCount	# IP Interfaces	Number of data mover IP interfaces	NUMBER	Not Key	NS_IPINTERFACECOUNT
NASDMFSCount	# File Systems	Number of file systems mounted on the data mover	NUMBER	Not Key	NS_FILESYSTEMCOUNT

Table 219 SRMNASDataMoverMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASDMFSTotal	FS on Data Mover (KB)	Total file system capacity on the data mover	FLOAT	Not Key	NS_FSTOTAL
NASDMFSUsed	Used FS on Data Mover (KB)	Amount of file system capacity on the data mover that is used	FLOAT	Not Key	NS_FSUSED
NASDMFSFree	Free FS on Data Mover (KB)	Available file system capacity on the data mover	FLOAT	Not Key	NS_FSFREE

NASDataMoverMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each NAS data mover. The table contains one row per data mover per week.

**Related
StorageScope API
views**

None

Table 220 NASDataMoverMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASDMAAllocatedTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMAAllocatedTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMAAllocatedTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMFSTotalMin	FS on Data Mover - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSTotalAvg	FS on Data Mover - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSTotalMax	FS on Data Mover - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the data mover	FLOAT	Not Key

Table 220 NASDataMoverMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASDMFSTotalLast	FS on Data Mover - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSUsedMin	Used FS on Data Mover - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedAvg	Used FS on Data Mover - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedMax	Used FS on Data Mover - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedLast	Used FS on Data Mover - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
NASDMFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

NASDataMoverMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each NAS data mover. The table contains one row per data mover per month.

**Related
StorageScope API
views**

None

Table 221 NASDataMoverMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASDMAAllocatedTotalMin	Allocated - Min. (KB)	During the period (week or month), the minimum amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMAAllocatedTotalAvg	Allocated - Avg. (KB)	During the period (week or month), the average amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMAAllocatedTotalMax	Allocated - Max. (KB)	During the period (week or month), the maximum amount of capacity allocated to the data mover	FLOAT	Not Key
NASDMFSTotalMin	FS on Data Mover - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSTotalAvg	FS on Data Mover - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSTotalMax	FS on Data Mover - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the data mover	FLOAT	Not Key

Table 221 NASDataMoverMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASDMFSTotalLast	FS on Data Mover - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the data mover	FLOAT	Not Key
NASDMFSUsedMin	Used FS on Data Mover - Min. (KB)	During the period (week or month), the minimum amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedAvg	Used FS on Data Mover - Avg. (KB)	During the period (week or month), the average amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedMax	Used FS on Data Mover - Max. (KB)	During the period (week or month), the maximum amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedLast	Used FS on Data Mover - Last (KB)	On the last day of the period (week or month), the amount of file system capacity on the data mover that was used	FLOAT	Not Key
NASDMFSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
NASDMFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMNASFS

This table contains basic configuration information about NAS file systems found in the ControlCenter Repository. The table contains one row per NAS file system.

**Related
StorageScope API
views**

[“STS_NASFS” on page 209](#)

Table 222 SRMNASFS (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	PK	FS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK	NC_ID
NASFSID	NAS File System ID	Internal ControlCenter Repository identifier for the NAS file system	INTEGER	Not Key	FS_ID
NASFSName	File System Name	System-assigned name of the NAS file system	VARCHAR2(512)	Not Key	FS_NAME
NASFSAlias	File System Name	User-defined name (alias) or system-assigned name of the NAS file system	VARCHAR2(512)	Not Key	FS_ALIAS
NASFSType	File System Type	Type of NAS file system	VARCHAR2(32)	Not Key	FS_TYPE
CtrlStationID	Control Station ID	Internal ControlCenter Repository identifier for control station	INTEGER	Not Key	CNTLSTN_ID
CtrlStationName	Control Station Name	Unique system-assigned name of the NAS server control station	VARCHAR2(256)	Not Key	CNTLSTN_NAME

Table 222 SRMNASFS (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
Writable	Writable?	Indicates whether or not the file system is capable of recording data	VARCHAR2(3)	Not Key	NSFS_WRITEABLE
NASFSIdentifier	NAS File System Identifier	Identifier for the NAS file system	VARCHAR2(32)	Not Key	NSFS_IDENTIFIER
SnapshotType	Snapshot Type	Type of snapshot	VARCHAR2(32)	Not Key	NSFS_BACKTYPE
SnapshotSourceFS	Source File System	Source file system for the snapshot	VARCHAR2(512)	Not Key	NSFS_BACKUPOF
SnapshotDate	Snapshot Date	Date the snapshot was taken	DATE	Not Key	NSFS_BACKUPDATE
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMNASFSMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each NAS file system. The table contains one row for each day the NAS file system is found in the ControlCenter Repository during ETL

**Related
StorageScope API
views**

[“STS_NASFS” on page 209](#)

Table 223 SRMNASFSMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both	NC_ID
NASFSTotal	File System (KB)	Total capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key	NSFS_TOTAL
NASFSUsed	Used File System (KB)	Amount of capacity on the NAS file system or file systems in the group that is used	FLOAT	Not Key	NSFS_USED
NASFSFree	Free File System (KB)	Amount of available capacity in the NAS file system or all NAS file systems in the group	FLOAT	Not Key	NSFS_FREE
NASFSTotalINodes	# Inodes - Total	Total number of file system inodes	NUMBER	Not Key	NSFS_TOTALINODES
NSFS_USEDINODES	# Inodes - Used	Number of used file system inodes	NUMBER	Not Key	NSFS_USEDINODES

Table 223 SRMNASFSMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASFSFreeInodes	# Inodes - Free	Number of available file system inodes	NUMBER	Not Key	NSFS_FREEINODES
NASFSSnapshotTotal	NAS Snapshot (KB)	Total capacity reserved for snapshots of this NAS file system or all file systems in the group	FLOAT	Not Key	NSFS_SNAPSHOT_TOTAL
NASFSSnapshotUsed	Used NAS Snapshot (KB)	Amount of reserved snapshot capacity consumed by snapshots of this NAS file system or all file systems in the group	FLOAT	Not Key	NSFS_SNAPSHOT_USED
NASFSQuotaCount	# Quotas	Number of quotas set for the NAS file system	NUMBER	Not Key	None

SRMNASFSMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each NAS file system. The table contains one row per NAS file system per week.

**Related
StorageScope API
views**

None

Table 224 NASFSMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASFSTotalMin	File System - Min. (KB)	During the period (week or month), the maximum capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key

Table 224 NASFSMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
NASFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

NASFSMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each NAS file system. The table contains one row per NAS file system per month.

Related
StorageScope API
views

None

Table 225 NASFSMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both
NASFSTotalMin	File System - Min. (KB)	During the period (week or month), the maximum capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalAvg	File System - Avg. (KB)	During the period (week or month), the average capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalMax	File System - Max. (KB)	During the period (week or month), the maximum capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFSTotalLast	File System - Last (KB)	On the last day of the period (week or month), the capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key
NASFUsedMin	Used File System - Min. (KB)	During the period (week or month), the minimum amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key

Table 225 NASFSMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASFSUsedAvg	Used File System - Avg. (KB)	During the period (week or month), the average amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedMax	Used File System - Max. (KB)	During the period (week or month), the maximum amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedLast	Used File System - Last (KB)	On the last day of the period (week or month), the amount of capacity on the NAS file system or file systems in the group that was used	FLOAT	Not Key
NASFSUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
NASFSUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMNASFSQuota

Not currently supported. For future use.

**Related
StorageScope API
views**

None

Table 226 SRMNASFSQuota

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both
UserAuthority	User Authority	User authority	VARCHAR2(64)	PK
UserAuthorityType	User Authority Type	User authority type	VARCHAR2(64)	PK
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK
BlockHardLimit	Block Hard Limit (KB)	Hard limit for block disk space quota	FLOAT	Not Key
InodeHardLimit	Inode Hard Limit	Hard limit for inode disk space quota	FLOAT	Not Key
BlockSoftLimit	Block Soft Limit (KB)	Soft limit for block disk space quota	FLOAT	Not Key
InodeSoftLimit	Inode Soft Limit	Soft limit for inode disk space quota	FLOAT	Not Key
SpaceUsed	Space Used (KB)	Amount of block disk space used in the file system	FLOAT	Not Key
NumInodesUsed	# Inodes - Used	Number of inodes in use in the file system	NUMBER	Not Key

SRMNASFSDataMover

This table shows the relationship between each NAS file system and the data mover on which it resides. The table contains one row per unique combination of NAS file system and data mover. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_NASFS_NASSERVER” on page 216](#)

Table 227 SRMNASFSDataMover

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both	NS_ID

SRMNASIPInterface

This table contains detailed information about the IP interface for each data mover in NAS servers. The table contains one row per data mover. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_NASCONTAINER_IPINTERFACE” on page 202](#)

Table 228 SRMNASIPInterface

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK	NC_ID
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	FK	NS_ID
NASIPAddress	IP Address	IP address of the NAS server	VARCHAR2(32)	Not Key	NSIP_ADDRESS
NASIPName	IP Interface Name	Name of the IP interface	VARCHAR2(64)	Not Key	NSIP_NAME
NASIPSubNetMask	Subnet Mask	Subnet mask	VARCHAR2(32)	Not Key	NSIP_SUBNETMASK
NASIPMacAddress	MAC Address	MAC Address of network adapter	VARCHAR2(32)	Not Key	NSIP_MACADDRESS
NASIPPortNumber	IP Port No.	Number of the IP interface port	VARCHAR2(32)	Not Key	NSIP_PORTNUMBER
NASIPType	IP Interface Type	Type of IP interface	VARCHAR2(64)	Not Key	NSIP_TYPE
NASIPMTU	MTU	Size of the Maximum Transmission Unit size for the port	INTEGER	Not Key	NSIP_MTU
NASIPState	Network Port Status	Status of the network port (active or non-active)	INTEGER	Not Key	NSIP_STATE
NASIPBroadcast	IP Broadcast Address	IP address used to broadcast packets to all hosts on a network	VARCHAR2(32)	Not Key	NSIP_BROADCAST

SRMNASFSExport

This table contains detailed information about each NAS file system export. The table contains one row per export. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_NASFS_EXPORT” on page 214](#)

Table 229 SRMNASFSExport

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	FK	NS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	FK	NC_ID
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	FK	FS_ID
ExportPath	Export Path	Path used to access the exported NAS file system	VARCHAR2(4000)	Not Key	EXP_PATH
NASDataMoverAlias	Data Mover Name	User-defined name (alias) or system-assigned name of the data mover	VARCHAR2(4000)	Not Key	NS_ALIAS
ExportName	Export Name	Name used to access the exported NAS file system	VARCHAR2(512)	Not Key	EXP_NAME
ExportType	Export Type	Type of export (for example, NFS or CIFS)	VARCHAR2(32)	Not Key	EXP_TYPE
ExportOptions	Export Options	Options used when exporting the NAS file system (for example, read/write access).	VARCHAR2(512)	Not Key	EXP_OPTIONS

SRMNASDevice

This table provides information about the storage devices (LUNs) that each data mover in a NAS server can access. The table contains one row per unique combination of data mover and storage device. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_NASCONTAINER_NASDEVICE” on page 204](#)

Table 230 SRMNASDevice (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both	NC_ID
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both	NS_ID
ArrayDeviceKey	LUN Key	Internal StorageScope Repository identifier for the LUN	INTEGER	Both	SD_ID
ArrayKey	Array Key	Internal StorageScope Repository identifier for the array	INTEGER	Both	ST_ID
CtrStationID	Control Station ID	Internal ControlCenter Repository identifier for control station	INTEGER	Not Key	CNTLSTN_ID
CtrStationName	Control Station Name	Unique system-assigned name of the NAS server control station	VARCHAR2(256)	Not Key	CNTLSTN_NAME
PortID	Port ID	Internal ControlCenter Repository identifier for the port	INTEGER	Not Key	PORT_ID
PortNumber	Port No.	Port number (host, switch, or NAS storage device)	NUMBER	Not Key	PORT_NUMBER

Table 230 SRMNASDevice (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
PortAlias	Port Name	User-defined name (alias) or system-assigned name of the switch or NAS storage device port	VARCHAR2(514)	Not Key	ADPORT_ALIAS
AdapterID	Adapter ID	Internal ControlCenter Repository identifier for the HBA, switch, or array adapter	INTEGER	Not Key	AD_ID
AdapterName	Adapter Name	Unique system-assigned name of the HBA, switch, or array adapter	VARCHAR2(4000)	Not Key	AD_NAME
AdapterNumber	Adapter No.	Number of the HBA, switch, or array adapter	NUMBER	Not Key	ADAPTER_NUMBER
NASDeviceKey	Storage Device Key	Internal StorageScope Repository identifier for the storage device	INTEGER	Not Key	None
NASDeviceID	Storage Device ID	Internal ControlCenter Repository identifier for the storage device	INTEGER	Not Key	None
NASDeviceName	Storage Device Name	User-defined name of the storage device	VARCHAR2(128)	Not Key	HD_NAME
NASDeviceSerialNumber	Storage Device S/N	For Network Appliance servers, this is the storage device serial number. For Celerra servers, this is the internal Celerra device number.	VARCHAR2(64)	Not Key	HD_SN
NASDeviceTotal	Storage Device Capacity (KB)	Capacity of the storage device	FLOAT	Not Key	HD_TOTAL

SRMNASFSMountPoint

This table list the mount points for each NAS file system. The table contains one row per mount point. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_NASFS_MOUNTPOINT” on page 215](#)

Table 231 SRMNASFSMountPoint

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASFSKey	NAS File System Key	Internal StorageScope Repository identifier for the file system	INTEGER	Both	FS_ID
NASDataMoverKey	Data Mover Key	Internal StorageScope Repository identifier for the data mover	INTEGER	Both	NS_ID
NASServerKey	NAS Server Key	Internal StorageScope Repository identifier for the file server	INTEGER	Both	NC_ID
NASFSMountPointName	Mount Point	Name of the NAS file system mount point	VARCHAR2(512)	Not Key	FS_MOUNTPOINT_NAME

SRMNASSrvByGroupMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each user-defined group that contains NAS servers. The table contains one row per group per day.

**Related
StorageScope API
views**

[“STS_NASCONTAINER_BY_GROUP” on page 200](#)

Table 232 SRMNASSrvByGroupMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
NASServerCount	# NAS Servers	Number of NAS servers	NUMBER	Not Key	NC_SERVERCOUNT
NASServerTotal	NAS Server Capacity (KB)	Capacity of the NAS server or servers in the group	FLOAT	Not Key	NC_SERVERTOTAL
NASServerFSCount	# File Systems	Number of file systems on the NAS server or servers in the group	NUMBER	Not Key	NC_NSFSCOUNT
NASServerFSTotal	File System (KB)	Capacity of file systems on the NAS server or all servers in the group. Includes both mounted and unmounted file systems.	FLOAT	Not Key	NC_FSTOTAL
NASServerFSUsed	Used File System (KB)	Amount of file system capacity on the NAS server or servers in the group that is used	FLOAT	Not Key	NC_FSUSED

Table 232 SRMNASSrvByGroupMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASServerFSFree	Free File System (KB)	Amount of available file system capacity on the NAS server or the servers in the group	FLOAT	Not Key	NC_FSFREE
NASServerSnapshotTotal	NAS Snapshot (KB)	Total capacity on the NAS server or servers in the group reserved for file system snapshots	FLOAT	Not Key	NC_SNAPSHOT_TOTAL
NASServerSnapshotUsed	Used NAS Snapshot (KB)	Amount of reserved snapshot capacity on the NAS server or servers in the group that is consumed by file system snapshots	FLOAT	Not Key	NC_SNAPSHOT_USED
NASServerSnapshotFree	Free NAS Snapshot (KB)	Amount of reserved snapshot capacity on the NAS server or servers in the group available for snapshots of file systems	FLOAT	Not Key	NC_SNAPSHOT_FREE
NASServerDataMoverCount	# Data Movers	Number of data movers	NUMBER	Not Key	NC_SERVERCOUNT
NASServerActiveDMCount	# Active Data Movers	Number of active data movers	NUMBER	Not Key	NC_ACTIVE_SERVERCOUNT
NASServerStandbyDMCount	# Standby Data Movers	Number of standby data movers	NUMBER	Not Key	NC_STANDBY_SERVERCOUNT

SRMNASFSByGroupMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each user-defined group that contains NAS file systems. The table contains one row per group per day.

**Related
StorageScope API
views**

[“STS_NASFS_BY_GROUP” on page 212](#)

Table 233 SRMNASFSByGroupMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
NASFSCount	# File Systems	Total number of NAS file systems	NUMBER	Not Key	GRP_NASFSCOUNT
NASFSTotal	File System (KB)	Total capacity of the NAS file system or all NAS file systems in the group	FLOAT	Not Key	NSFS_TOTAL
NASFUsed	Used File System (KB)	Amount of capacity on the NAS file system or file systems in the group that is used	FLOAT	Not Key	NSFS_USED
NASFSTFree	Free File System (KB)	Amount of available capacity in the NAS file system or all NAS file systems in the group	FLOAT	Not Key	NSFS_FREE
NASFSSnapshotTotal	NAS Snapshot (KB)	Total capacity reserved for snapshots of this NAS file system or all file systems in the group	FLOAT	Not Key	NSFS_SNAPSHOT_TOTAL

Table 233 SRMNASFSByGroupMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
NASFSSnapshotUsed	Used NAS Snapshot (KB)	Amount of reserved snapshot capacity consumed by snapshots of this NAS file system or all file systems in the group	FLOAT	Not Key	NSFS_SNAPSHOT_USED
NASFSTotalInodes	# Inodes - Total	Total number of file system inodes	NUMBER	Not Key	NSFS_TOTALINODES
NASFUsedInodes	# Inodes - Used	Number of used file system inodes	NUMBER	Not Key	NSFS_USEDINODES
NASFFreeInodes	# Inodes - Free	Number of available file system inodes	NUMBER	Not Key	NSFS_FREEINODES

CAS tables

The following section contains the tables related to CAS clusters, pools, and storage nodes.

- ◆ SRMCASCluster..... 606
- ◆ SRMCASClusterMetrics 608
- ◆ CASClusterMetricsWeekly 610
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- ◆ SRMCASPool..... 614
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- ◆ SRMCASStorageNode 621
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- ◆ SRMCASPoolByGroupMetrics 624

SRMCASCluster

This table contains basic configuration information for each CAS cluster found in the ControlCenter Repository. The table contains one row per CAS cluster.

**Related
StorageScope API
views**

[“STS_CAS” on page 109](#)

Table 234 SRMCASCluster (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	PK	CAS_ID
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	FK	None
CASID	CAS Cluster ID	Internal ControlCenter Repository identifier for the cluster	INTEGER	Not Key	CAS_ID
ClusterID	CAS Cluster ID	Internal ControlCenter Repository identifier for the cluster	VARCHAR2(64)	Not Key	CLUSTER_ID
ClusterSN	CAS Cluster S/N	Serial number of the cluster	VARCHAR2(64)	Not Key	CLUSTER_SN
ClusterAlias	CAS Cluster Name	User-defined name (alias) or system-assigned name of the cluster	VARCHAR2(64)	Not Key	CLUSTER_SN
InstallLoc	Location	Physical location of the CAS cluster	VARCHAR2(64)	Not Key	INSTALL_LOC
AdminName	Administrator Name	Name of the administrator	VARCHAR2(64)	Not Key	ADMIN_NAME
AdminEmail	Administrator E-mail	E-mail address of the administrator	VARCHAR2(64)	Not Key	ADMIN_EMAIL
AdminPhone	Administrator Telephone	Telephone number of the administrator	VARCHAR2(64)	Not Key	ADMIN_PHONE

Table 234 SRMCASCluster (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
SoftwareVer	Software Version	Version of the CentraStar software running on the CAS cluster	VARCHAR2(64)	Not Key	SOFTWARE_VER
ComplianceMode	Compliance Model	Compliance model used by the CAS cluster. Possible values are None, Basic, Governance Edition (GE), and Compliance Edition (CE).	VARCHAR2(64)	Not Key	COMPLIANCE_MODE
ProtectionScheme	Protection Schemes	Comma-separated list of the protection schemes used on the CAS cluster to store data redundantly. Possible values are M2 for mirrored or R61 for parity.	VARCHAR2(64)	Not Key	PROTECTION_SCHEME
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMCASClusterMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each CAS cluster. The table contains one row per CAS cluster per day.

**Related
StorageScope API
views**

[“STS_CAS” on page 109](#)

Table 235 SRMCASClusterMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both	CAS_ID
CASServiceCount	# Services	Number of services running on the CAS cluster	NUMBER	Not Key	CAS_SERVICECOUNT
CASAccessNodeCount	# Access Nodes	Number of access nodes in the cluster	NUMBER	Not Key	CAS_ACCESSNODECOUNT
CASStorageNodeCount	# Storage Nodes	Number of storage nodes in the CAS cluster	NUMBER	Not Key	CAS_STORNODECOUNT
CASPoolCount	# CAS Pools	Number of pools used by the clusters in the group	NUMBER	Not Key	CAS_POOLCOUNT
CASProfileCount	# Profiles	Number of application profiles on the CAS cluster	NUMBER	Not Key	CAS_PROFILECOUNT
CASTotal	CAS Cluster (KB)	Total physical capacity of the cluster or all clusters in the group	FLOAT	Not Key	CAS_TOTAL
CASUsed	Used CAS Cluster (KB)	Amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key	CAS_USED

Table 235 SRMCASClusterMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
CASFree	Free CAS Cluster (KB)	Capacity on the cluster or all clusters in the group available for storing protected user data or performing self-healing operations in case of disk or node failure	FLOAT	Not Key	CAS_FREE
CASOffline	Offline CAS Cluster (KB)	Capacity on the cluster or all clusters in the group that is temporarily unavailable due to node reboots, offline nodes, or hardware failures	FLOAT	Not Key	CAS_OFFLINE
CASSpare	Spare CAS Cluster (KB)	Amount of the capacity configured as a spare node which can be made available for storage	FLOAT	Not Key	CAS_SPARE
CASSystemResource	CAS System Resources (KB)	Capacity used by the CentraStar software. This capacity is always unavailable for storing data.	FLOAT	Not Key	CAS_SYSTEM_RESOURCE

CASClusterMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each CAS cluster. The table contains one row per CAS cluster per week.

Related
StorageScope API
views

None

Table 236 CASClusterMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both
CASTotalMin	CAS Cluster - Min. (KB)	During the period (week or month), the minimum physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASTotalAvg	CAS Cluster - Avg. (KB)	During the period (week or month), the average physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASTotalMax	CAS Cluster - Max. (KB)	During the period (week or month), the maximum physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASUsedMin	Used CAS Cluster - Min. (KB)	During the period (week or month), the minimum amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key
CASUsedAvg	Used CAS Cluster - Avg. (KB)	During the period (week or month), the average amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key

Table 236 CASClusterMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
CASUsedMax	Used CAS Cluster - Max. (KB)	During the period (week or month), the maximum amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key
CASUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
CASUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

CASClusterMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each CAS cluster. The table contains one row per CAS cluster per week.

**Related
StorageScope API
views**

None

Table 237 CASClusterMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both
CASTotalMin	CAS Cluster - Min. (KB)	During the period (week or month), the minimum physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASTotalAvg	CAS Cluster - Avg. (KB)	During the period (week or month), the average physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASTotalMax	CAS Cluster - Max. (KB)	During the period (week or month), the maximum physical capacity of the cluster or all clusters in the group	FLOAT	Not Key
CASUsedMin	Used CAS Cluster - Min. (KB)	During the period (week or month), the minimum amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key
CASUsedAvg	Used CAS Cluster - Avg. (KB)	During the period (week or month), the average amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key

Table 237 CASClusterMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
CASUsedMax	Used CAS Cluster - Max. (KB)	During the period (week or month), the maximum amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key
CASUsedSlope	Reserved For Future Use	Reserved for future use	FLOAT	Not Key
CASUsedIntercept	Reserved For Future Use	Reserved for future use	FLOAT	Not Key

SRMCASPool

This table contains basic configuration information for each CAS pool found in the ControlCenter Repository. The table contains one row per CAS pool.

Related StorageScope API views

[“STS_CENTERA_POOL” on page 114](#)

Table 238 SRMCASPool (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
CenteraPoolKey	CAS Pool Key	Internal StorageScope Repository identifier for the CAS pool	INTEGER	PK	POOL_ID
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	FK	CAS_ID
PoolID	CAS Pool ID	Internal ControlCenter Repository identifier for the CAS pool	INTEGER	Not Key	POOL_ID
PoolName	CAS Pool Name	Name of the CAS pool	VARCHAR2(64)	Not Key	POOL_NAME
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

Table 238 SRMCASPool (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
IsCurrent	Current?	Indicates whether or not the object is currently in your environment, which means it was found in the ControlCenter Repository during the last ETL	CHAR(1)	Not Key	None
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key	SYSDATE
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key	SYSDATE

SRMCASPoolMetrics

This table contains up to 42 days (six weeks) of numerical data (counts and capacities) for each CAS pool. The table contains one row per CAS pool per day.

**Related
StorageScope API
views**

[“STS_CENTERA_POOL” on page 114](#)

Table 239 SRMCASPoolMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
CenteraPoolKey	CAS Pool Key	Internal StorageScope Repository identifier for the CAS pool	INTEGER	Both	POOL_ID
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both	CAS_ID
CASPoolQuota	CAS Pool Quota (KB)	Pool quota (amount of data that can be written to the pool)	FLOAT	Not Key	POOL_QUOTA
CASPoolUsed	Used CAS Pool (KB)	Amount of raw capacity in the pool or pools that is in use	FLOAT	Not Key	POOL_USED
CASPoolFree	Free CAS Pool (KB)	Amount of raw capacity in the pool or pools in the group available for use	FLOAT	Not Key	POOL_FREE

CASPoolMetricsWeekly

This table contains weekly aggregations of numerical data (counts and capacities) for each CAS pool. The table contains one row per CAS pool per week.

**Related
StorageScope API
views**

None

Table 240 CASPoolMetricsWeekly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
CenteraPoolKey	CAS Pool Key	Internal StorageScope Repository identifier for the CAS pool	INTEGER	Both
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both
CASPoolQuotaMin	CAS Pool Quota - Min. (KB)	Minimum pool quota (amount of data that can be written to the pool) During the period (week or month)	FLOAT	Not Key
CASPoolQuotaAvg	CAS Pool Quota - Avg. (KB)	Average pool quota (amount of data that can be written to the pool) during the period (week or month)	FLOAT	Not Key
CASPoolQuotaMax	CAS Pool Quota - Max. (KB)	Maximum pool quota (amount of data that can be written to the pool) During the period (week or month)	FLOAT	Not Key
CASPoolUsedMin	Used CAS Pool - Min. (KB)	During the period (week or month), the minimum amount of pool raw capacity that is in use	FLOAT	Not Key
CASPoolUsedAvg	Used CAS Pool - Avg. (KB)	During the period (week or month), the average amount of pool raw capacity that is in use	FLOAT	Not Key

Table 240 CASPoolMetricsWeekly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
CASPoolUsedMax	Used CAS Pool - Max. (KB)	During the period (week or month), the maximum amount of pool raw capacity that is in use	FLOAT	Not Key
CASPoolUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
CASPoolUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

CASPoolMetricsMonthly

This table contains monthly aggregations of numerical data (counts and capacities) for each CAS pool. The table contains one row per CAS pool per month.

**Related
StorageScope API
views**

None

Table 241 CASPoolMetricsMonthly (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
CenteraPoolKey	CAS Pool Key	Internal StorageScope Repository identifier for the CAS pool	INTEGER	Both
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	Both
CASPoolQuotaMin	CAS Pool Quota - Min. (KB)	Minimum pool quota (amount of data that can be written to the pool) During the period (week or month)	FLOAT	Not Key
CASPoolQuotaAvg	CAS Pool Quota - Avg. (KB)	Average pool quota (amount of data that can be written to the pool) during the period (week or month)	FLOAT	Not Key
CASPoolQuotaMax	CAS Pool Quota - Max. (KB)	Maximum pool quota (amount of data that can be written to the pool) During the period (week or month)	FLOAT	Not Key
CASPoolUsedMin	Used CAS Pool - Min. (KB)	During the period (week or month), the minimum amount of pool raw capacity that is in use	FLOAT	Not Key
CASPoolUsedAvg	Used CAS Pool - Avg. (KB)	During the period (week or month), the average amount of pool raw capacity that is in use	FLOAT	Not Key

Table 241 CASPoolMetricsMonthly (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
CASPoolUsedMax	Used CAS Pool - Max. (KB)	During the period (week or month), the maximum amount of pool raw capacity that is in use	FLOAT	Not Key
CASPoolUsedSlope	Reserved for Future Use	Reserved for future use	FLOAT	Not Key
CASPoolUsedIntercept	Reserved for Future Use	Reserved for future use	FLOAT	Not Key

SRMCASStorageNode

This table contains basic configuration information for each CAS storage node. The table contains one row per storage node. Only data from the most recent ETL is reported.

**Related
StorageScope API
views**

[“STS_CENTERA_STORAGENODE” on page 116](#)

Table 242 SRMCASStorageNode

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
StorageNodeKey	Storage Node Key	Internal StorageScope Repository identifier for the CAS storage node	INTEGER	PK	NODE_ID
NodeID	Storage Node ID	Internal ControlCenter Repository identifier for the storage node	INTEGER	Not Key	NODE_ID
NodeName	Storage Node Name	System-assigned name for the storage node	VARCHAR2(64)	Not Key	NODE_NAME
CASClusterKey	CAS Cluster Key	Internal StorageScope Repository identifier for the cluster	INTEGER	FK	CAS_ID
NodeState	Storage Node Status	Status of the storage node	VARCHAR2(16)	Not Key	NODE_STATE
NodeTotal	Storage Node Capacity (KB)	Total physical capacity of the storage node	FLOAT	Not Key	NODE_TOTAL
NodeUsed	Used Storage Node (KB)	Capacity on the storage node in use for storing protected user data	FLOAT	Not Key	TOTAL_USED
LastDiscoveryTime	Last Discovered	Date and time an agent last collected data about the object	DATE	Not Key	None

SRMCASByGroupMetrics

This table contains up to 42 days (six weeks) of CAS cluster-related numerical data (counts and capacities) for each user-defined group that contains a CAS cluster. The table contains one row per group per day.

**Related
StorageScope API
views**

[“STS_CAS_BY_GROUP” on page 112](#)

Table 243 SRMCASByGroupMetrics (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
CASCount	# CAS Clusters	Number of clusters in the group	NUMBER	Not Key	GRP_CASCOUNT
CASTotal	CAS Cluster (KB)	Total physical capacity of the cluster or all clusters in the group	FLOAT	Not Key	CAS_TOTAL
CASUsed	Used CAS Cluster (KB)	Amount of cluster capacity in use for storing and managing protected user data	FLOAT	Not Key	CAS_USED
CASFree	Free CAS Cluster (KB)	Capacity on the cluster or all clusters in the group available for storing protected user data or performing self-healing operations in case of disk or node failure	FLOAT	Not Key	CAS_FREE

Table 243 SRMCASByGroupMetrics (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
CASOffline	Offline CAS Cluster (KB)	Capacity on the cluster or all clusters in the group that is temporarily unavailable due to node reboots, offline nodes, or hardware failures	FLOAT	Not Key	CAS_OFFLINE
CASSpare	Spare CAS Cluster (KB)	Amount of the capacity configured as a spare node which can be made available for storage	FLOAT	Not Key	CAS_SPARE
CASSystemResource	CAS System Resources (KB)	Capacity used by the CentraStar software. This capacity is always unavailable for storing data.	FLOAT	Not Key	CAS_SYSTEM_RESOURCE

SRMCASPoolByGroupMetrics

This table contains up to 42 days (six weeks) of CAS pool numerical data (for example, pool quotas) for each user-defined group that contains a CAS pool. The table contains one row per group per day.

**Related
StorageScope API
views**

[“STS_CENTERA_POOL_BY_GROUP” on page 115](#)

Table 244 SRMCASPoolByGroupMetrics

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
GroupKey	Group Key	Internal StorageScope Repository identifier for the group	INTEGER	Both	GRP_ID
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both	DATEKEY
SubGroupCount	# Subgroups	Number of subgroups in the group	NUMBER	Not Key	GRP_SUBGRPCOUNT
CASPoolCount	# CAS Pools	Number of pools used by the clusters in the group	NUMBER	Not Key	GRP_CENTERAPOOLCOUNT
CASPoolQuota	CAS Pool Quota (KB)	Pool quota (amount of data that can be written to the pool)	FLOAT	Not Key	POOL_QUOTA
CASPoolUsed	Used CAS Pool (KB)	Amount of raw capacity in the pool or pools that is in use	FLOAT	Not Key	POOL_USED
CASPoolFree	Free CAS Pool (KB)	Amount of raw capacity in the pool or pools in the group available for use	FLOAT	Not Key	POOL_FREE

Custom field tables

The following section contains the tables related to the custom fields created in the ControlCenter Console.

- ◆ [SRMUDDFieldsMap](#) 626
- ◆ [SRMUDDInstance](#) 627

SRMUDDFieldsMap

This table contains a list of custom fields that have been defined in the ControlCenter Console for each object type. The table contains one row for each custom field. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_USER_DEFINED_FIELDS_DEF” on page 230](#)

Table 245 SRMUDDFieldsMap

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
ObjectType	Object Type	Type of ControlCenter managed object associated with this custom field	VARCHAR2(512)	Not Key	MANAGEDOBJECTTYPE
UDFColumnName	Field Repository Name	Name of the custom field in the ControlCenter Repository	VARCHAR2(64)	Not Key	UDFDEFINITIONNAME
UDFDisplayName	Field Display Name	Name for the custom field that is displayed in the StorageScope Console	VARCHAR2(2048)	Not Key	DISPLAYNAME

SRMUDFInstance

This table contains the custom field values for each object type. The table contains one row for each object type. Only data from the most recent ETL is reported.

Related
StorageScope API
views

[“STS_UDF_VALUES” on page 228](#)

Table 246 SRMUDFInstance

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
MOKey	Object Key	Internal StorageScope Repository identifier for the object	INTEGER	PK	MOID
UDF1	Custom Field 1	Custom Field 1	VARCHAR2(2048)	Not Key	CUSTOMFIELD1
UDF2	Custom Field 2	Custom Field 2	VARCHAR2(2048)	Not Key	CUSTOMFIELD2
UDF3	Custom Field 3	Custom Field 3	VARCHAR2(2048)	Not Key	CUSTOMFIELD3
UDF4	Custom Field 4	Custom Field 4	VARCHAR2(2048)	Not Key	CUSTOMFIELD4
UDF5	Custom Field 5	Custom Field 5	VARCHAR2(2048)	Not Key	CUSTOMFIELD5
UDF6	Custom Field 6	Custom Field 6	VARCHAR2(2048)	Not Key	CUSTOMFIELD6
UDF7	Custom Field 7	Custom Field 7	VARCHAR2(2048)	Not Key	CUSTOMFIELD7
UDF8	Custom Field 8	Custom Field 8	VARCHAR2(2048)	Not Key	CUSTOMFIELD8
UDF9	Custom Field 9	Custom Field 9	VARCHAR2(2048)	Not Key	CUSTOMFIELD9
UDF10	Custom Field 10	Custom Field 10	VARCHAR2(2048)	Not Key	CUSTOMFIELD10

Internal use tables

The following section contains metadata tables used internally by the StorageScope software. With the exception of [“SRMAgentComponent” on page 666](#), these tables have no StorageScope API Equivalents.

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SystemSettings

This table contains metadata used by the system.

Table 247 SystemSettings

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
SRMSettingKey			VARCHAR2(255)	Not Key
SRMSettingValue			VARCHAR2(255)	Not Key

TrendMappings

This table contains metadata used by the system.

Table 248 TrendMappings

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
TrendGroupId	Trending Group ID	Trending group ID	INTEGER	FK
GroupTypeName	Group Type	Type of trend group	VARCHAR2(50)	Not Key
TableName	Table Name	Name of the trend mappings table	VARCHAR2(50)	Not Key
ProcedureName	Procedure Name	Name of procedure	VARCHAR2(50)	Not Key
Flag	Trending Flag	Trend settings and mapping flag	VARCHAR2(3)	Not Key

TrendRetention

This table metadata about retention of trending data.

Table 249 TrendRetention

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
ID	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
MaxAgeDays	Settings Retention Period	Maximum number of days settings are retained	INTEGER	Not Key
TrendEnabled	Trending Enabled?	Indicates whether or not trending is enabled	INTEGER	Not Key

TrendSettings

This table contains metadata about the current settings for trending.

Table 250 TrendSettings

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
MaxAgeDays	Settings Retention Period	Maximum number of days settings are retained	INTEGER	Not Key
TrendEnabled	Trending Enabled?	Indicates whether or not trending is enabled	INTEGER	Not Key
GroupTypeName	Group Type	Type of trend group	VARCHAR2(50)	Not Key
Flag	Trending Flag	Trend settings and mapping flag	VARCHAR2(3)	Not Key

ConsoleTipOfTheDay

This table is not used.

Table 251 ConsoleTipOfTheDay

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Tip			VARCHAR2(255)	Not Key
Url			VARCHAR2(255)	Not Key

ConsoleUserProfile

This table contains metadata used by the system.

Table 252 ConsoleUserProfile (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnId			INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
UserName	User Name	User name	VARCHAR2(255)	Not Key
Password			VARCHAR2(255)	Not Key
StartupLocation			VARCHAR2(255)	Not Key
AccessFlags			INTEGER	Not Key
RefreshFreqSec			INTEGER	Not Key
ItemsPerPage			INTEGER	Not Key
ItemsPerPagePopup			INTEGER	Not Key
RecentEventsMinutes			INTEGER	Not Key
MaxRecentEvents			INTEGER	Not Key
ColorSchemeld			INTEGER	Not Key
NavigationStyle			INTEGER	Not Key
MenuDrawStyle			INTEGER	Not Key
MenuDrawEffect			INTEGER	Not Key

Table 252 ConsoleUserProfile (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
MenuDrawEffectDuration Ms			INTEGER	Not Key
WarningThresholdPct			INTEGER	Not Key
CriticalThresholdPct			INTEGER	Not Key

UserGroup

This table contains metadata used by the system.

Table 253 UserGroup

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
SendEmail			INTEGER	Not Key
SendPopup			INTEGER	Not Key
SendTrap			INTEGER	Not Key
ManagerUserId			INTEGER	Not Key

STimestampItem

This table contains metadata used by the system.

Table 254 STimestampItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			DATE	Not Key

ETLSchedule

This table contains metadata about the ETL schedule.

Table 255 ETLSchedule

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
Schedule_Id	Schedule ID	Internal ControlCenter Repository identifier for the schedule	INTEGER	FK
VERSIONID	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
PARENTID	Parent ID	Parent identifier	INTEGER	Not Key
PARENTTYPEID	Parent Type ID	Parent type identifier	INTEGER	Not Key
PARENTCOLUMNNAME	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
NAME	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key

LatestETLLoad

This table contains metadata about the most recent ETL. The table contains only one row.

Table 256 LatestETLLoad

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
DateKey	Date Key	Internal StorageScope Repository identifier for the date	INTEGER	Both
Status	Status	Status of the backup job or status of ETL	VARCHAR2(16)	Not Key
StartTime	Start Date	Date and time ETL began	DATE	Not Key
EndTime	End Date	Date and time ETL ended	DATE	Not Key
LatestETLRunDateKey	Latest ETL Run Key	Internal StorageScope Repository identifier for the date and time ETL last ran. When ETL starts, it updates LatestETLRunDateKey with sysdate. When ETL finishes, it updates DateKey with the same date as LatestETLRunDateKey.	INTEGER	Not Key
LastETLSuccessTime	Last Successful ETL	Date and time ETL last ran successfully	DATE	Not Key

EventLogSettings

This table contains metadata about the settings for the event log.

Table 257 EventLogSettings

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
MaxAgeDays	Settings Retention Period	Maximum number of days settings are retained	INTEGER	Not Key

LookupList

This table. contains metadata used by the system.

Table 258 LookupList

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(255)	Not Key

PolicyState

This table contains metadata used by the system.

Table 259 PolicyState

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
StreamableId			INTEGER	Not Key
StreamableTypeId			INTEGER	Not Key
State	State	State	INTEGER	Not Key
StepId			INTEGER	Not Key
LastStartTime			DATE	Not Key
LastEndTime			DATE	Not Key
MinTimeTaken			INTEGER	Not Key
MaxTimeTaken			INTEGER	Not Key
AvgTimeTaken			INTEGER	Not Key
NumTimesRun			INTEGER	Not Key

QueryRunEvent

This table contains metadata about queries.

Table 260 QueryRunEvent

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
QueryRunEventId			INTEGER	PK
QueryId			INTEGER	Not Key
StartTime	Start Date	Date and time the object was found in the ControlCenter Repository and this table row was created	DATE	Not Key
EndTime	End Date	Date and time the object could no longer be found in the ControlCenter Repository. If the end time is Dec 31, 9999 12:00 AM, the object is current, which means it can still be found in the ControlCenter Repository.	DATE	Not Key
IsSuccessful			SMALLINT	Not Key
NumRecordsReturned			INTEGER	Not Key
ResultFileName			VARCHAR2(1024)	Not Key
StatusMessage			VARCHAR2(256)	Not Key

Report

This table contains metadata about each report. the table contains one row for each report.

Table 261 Report

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
Filename	File Name	Name of the file	VARCHAR2(1024)	Not Key
Description			VARCHAR2(255)	Not Key
LastRun			DATE	Not Key
NumTimesRun			INTEGER	Not Key
LastSavedLocation			VARCHAR2(255)	Not Key
InitializedParams			INTEGER	Not Key
EditionFlags			INTEGER	Not Key
BuiltIn			INTEGER	Not Key
PrintOrientation			INTEGER	Not Key

ReportGroup

This table contains metadata about report groups. The table contains one row for each report group created.

Table 262 ReportGroup

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
Rank			INTEGER	Not Key
EditionFlags			INTEGER	Not Key

ReportJob

This table contains metadata about report jobs. The table contains one row for each report job created.

Table 263 ReportJob

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
OutputType			INTEGER	Not Key
OutputFormat			INTEGER	Not Key
OutputPath			VARCHAR2(4000)	Not Key
EmailAddress	E-mail Address	E-mail address	VARCHAR2(255)	Not Key
UserGroupId			INTEGER	Not Key
IncludeUserGroupManager			INTEGER	Not Key
PrinterName			VARCHAR2(255)	Not Key
Paginate			INTEGER	Not Key
IncludeNavigation			INTEGER	Not Key
Schedule_id	Schedule ID	Internal ControlCenter Repository identifier for the schedule	INTEGER	Not Key

ReportParam

This table contains metadata used by the system.

Table 264 ReportParam

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(255)	Not Key
Description			VARCHAR2(255)	Not Key
DisplayName			VARCHAR2(255)	Not Key
LookupListName			VARCHAR2(255)	Not Key
TypeId			INTEGER	Not Key
DisplayTypeId			INTEGER	Not Key
Value			VARCHAR2(4000)	Not Key
LiteralValue			VARCHAR2(4000)	Not Key

ReportParamOption

This table contains metadata used by the system.

Table 265 ReportParamOption

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			VARCHAR2(255)	Not Key
Description			VARCHAR2(255)	Not Key

RunSchedule

This table contains metadata about the schedules that have been created for report jobs. The table contains one row per schedule.

Table 266 RunSchedule (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
ScheduleType	Schedule Type	Type of schedule	INTEGER	Not Key
AbsoluteRunTime			DATE	Not Key
StartMinute1			INTEGER	Not Key
StartMinute2			INTEGER	Not Key
StartMinute3			INTEGER	Not Key
StartMinute4			INTEGER	Not Key
OnMondays			INTEGER	Not Key
OnTuesdays			INTEGER	Not Key
OnWednesdays			INTEGER	Not Key
OnThursdays			INTEGER	Not Key
OnFridays			INTEGER	Not Key
OnSaturdays			INTEGER	Not Key
OnSundays			INTEGER	Not Key
OnWeek1			INTEGER	Not Key
OnWeek2			INTEGER	Not Key
OnWeek3			INTEGER	Not Key

Table 266 RunSchedule (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
OnWeek4			INTEGER	Not Key
OnWeek5			INTEGER	Not Key
OnLastWeekOfMonth			INTEGER	Not Key
OnLastWeekOfQuarter			INTEGER	Not Key
Enabled			INTEGER	Not Key

SCUser

This table contains metadata used by the system.

Table 267 SCUser

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
UserName	User Name	User name	VARCHAR2(50)	Not Key
SendEmail			INTEGER	Not Key
SendPopup			INTEGER	Not Key
Email			VARCHAR2(100)	Not Key
Active			INTEGER	Not Key

SCEvent

This table contains metadata used by the system.

Table 268 SCEvent

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
StreamableTypeId			INTEGER	Not Key
StreamableId			INTEGER	Not Key
LevelId			INTEGER	Not Key
ResourceId			INTEGER	Not Key
TimeStamp			DATE	Not Key
TimeStampSequence			INTEGER	Not Key
Message			VARCHAR2(4000)	Not Key

SchemaRevision

This table contains metadata that shows the current version of the StorageScope Repository schema.

Table 269 SchemaRevision

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SchemaRevisionId	Schema Revision ID		INTEGER	PK
ParentRevision			INTEGER	Not Key
SchemaName	Schema Name		VARCHAR2(20)	Not Key
ReleaseType			VARCHAR2(20)	Not Key
ReleaseVersion			VARCHAR2(20)	Not Key
ReleaseDate			DATE	Not Key
ExternalVersion			VARCHAR2(128)	Not Key
KitSpec			VARCHAR2(64)	Not Key
BuildName			VARCHAR2(128)	Not Key
BuildLabel			VARCHAR2(128)	Not Key
InstallDate			DATE	Not Key

DefaultItem

This table contains metadata used by the system.

Table 270 DefaultItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
StreamableTypeId			INTEGER	Not Key
DefaultId			INTEGER	Not Key

SnIntItem

This table contains metadata used by the system..

Table 271 SnIntItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			INTEGER	Not Key

SBoolItem

This table contains metadata used by the system.

Table 272 SBoolItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			INTEGER	Not Key

SStringItem

This table contains metadata used by the system.

Table 273 SStringItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			VARCHAR2(255)	Not Key

SStringPair

This table contains metadata used by the system.

Table 274 SStringPair

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
Value			VARCHAR2(4000)	Not Key
Rank			INTEGER	Not Key

SDoubleItem

This table contains metadata used by the system.

Table 275 SDoubleItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			FLOAT	Not Key

SUnit64Item

This table contains metadata used by the system.

Table 276 SUnit64Item

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Value			NUMBER(20)	Not Key

Site

This table contains metadata used by the system.

Table 277 Site

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SiteID	Reserved for Future Use	Reserved for future use	INTEGER	PK
SiteName	Reserved for Future Use	Reserved for future use	VARCHAR2(32)	Not Key
City	City	City	VARCHAR2(32)	Not Key
State	State	State	VARCHAR2(32)	Not Key
ZipCode	Zip Code	Zip code	NUMBER(10)	Not Key
Country	Reserved for Future Use	Reserved for future use	VARCHAR2(32)	Not Key

Snapshot

This table contains metadata about snapshots. The table contains one row for each snapshot.

Table 278 SnapShot

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
SourceTypeId			INTEGER	Not Key
CacheTypeId			INTEGER	Not Key
CacheIntervalMinutes			INTEGER	Not Key
Source			VARCHAR2(4000)	Not Key
SourceId			INTEGER	Not Key
XAxisName			VARCHAR2(255)	Not Key
YAxisName			VARCHAR2(255)	Not Key
HtmlFormatted			INTEGER	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(50)	Not Key
Icon			VARCHAR2(255)	Not Key
CategoryId			INTEGER	Not Key
Width			INTEGER	Not Key
Height			INTEGER	Not Key
EditionFlags			INTEGER	Not Key
BuildInBackground			INTEGER	Not Key
BuiltIn			INTEGER	Not Key

SnapshotView

This contains metadata about snapshots. The table contains one row for each snapshot.

Table 279 SnapShotView

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Name	Name	Name of the chargeback file group	VARCHAR2(255)	Not Key

SnapshotViewItem

This table contains metadata used by the system.

Table 280 SnapShotViewItem

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
SnapshotId			INTEGER	Not Key
Col			INTEGER	Not Key
Rank			INTEGER	Not Key

SRMAgentComponent

This table provides a list of ControlCenter components (infrastructure and agents) installed in your infrastructure.

**Related
StorageScope API
views**

[“STS_COMPONENT” on page 117](#)

Table 281 SRMAgentComponent

Column Name	Label	Description	Datatype	Primary Key/Foreign Key	StorageScope API Equivalent
HostKey	Host Key	Internal StorageScope Repository identifier for the host	INTEGER	FK	HOST_ID
HomeName	Hostname	Unique name by which the host is known on the network	VARCHAR2(255)	Not Key	HOST_NAME
HostAlias	Host Name	User-defined name (alias) or system-assigned name of the host	VARCHAR2(255)	Not Key	HOST_ALIAS
CompIPAddress	IP Address	IP address of the host on which the component resides	VARCHAR2(16)	Not Key	COMP_IPADDRESS
CompSubType	Component Type	Type of ControlCenter infrastructure component or agent	VARCHAR2(64)	Not Key	COMP_SUBTYPE
CompVersion	Component Version	Version of the ControlCenter infrastructure component or agent	VARCHAR2(16)	Not Key	COMP_VERSION
CompStatus	Component Status	Status of the ControlCenter infrastructure component or agent	VARCHAR2(20)	Not Key	COMP_STATUS
CompInstallDate	Install Date	Date on which the component was installed	DATE	Not Key	COMP_INSTALLDATE
AgentDesc	Agent Description	Description of the agent	VARCHAR2(128)	Not Key	AGENT_DESC

SRMBitMaps

This table contains metadata used by the system.

Table 282 SRMBitMaps

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
BitmapName			VARCHAR2(255)	Not Key
BitmapContents			LONG RAW	Not Key

SRMLocale

This table contains metadata related to the regional options set on the StorageScope server.

Table 283 SRMLocale (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
LocaleTypeId			INTEGER	Not Key
Lcid			INTEGER	Not Key
UseEuro			INTEGER	Not Key
DecimalPt			VARCHAR2(255)	Not Key
DigitGroupChar			VARCHAR2(255)	Not Key
IntegerFormat			VARCHAR2(255)	Not Key
FloatDecimals			INTEGER	Not Key
FloatFormat			VARCHAR2(255)	Not Key
CurrencyDecimals			INTEGER	Not Key
CurrencyFormat			VARCHAR2(255)	Not Key
CurrencySymbol			VARCHAR2(255)	Not Key
CurrencySpace			INTEGER	Not Key
CurrencyPrecedes			INTEGER	Not Key
CurrDecimalPt			VARCHAR2(255)	Not Key

Table 283 SRMLocale (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
CurrDigitGroupChar			VARCHAR2(255)	Not Key
DateFormat			VARCHAR2(255)	Not Key
TimeFormat			VARCHAR2(255)	Not Key
DateTimeFormat			VARCHAR2(255)	Not Key
AMMarker			VARCHAR2(255)	Not Key
PMMarker			VARCHAR2(255)	Not Key
DisplayLocalTime			INTEGER	Not Key
AddMinutesDateTime			INTEGER	Not Key
AddMinutesToNow			INTEGER	Not Key

DBGMTOffset

This table. contains the GMT offset for the StorageScope server.

Table 284 DBGMTOffset

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
GMTOffset	GMT Offset	GMT offset	NUMBER	Not Key

Interval Schedule

This table contains metadata used by the system.

Table 285 IntervalSchedule (1 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
Id	ID	Internal StorageScope Repository identifier for the database record	INTEGER	PK
VersionId	Version No.	Version number which is updated each time the item is modified	INTEGER	Not Key
ParentId	Parent ID	Parent identifier	INTEGER	Not Key
ParentTypeId	Parent Type ID	Parent type identifier	INTEGER	Not Key
ParentColumnName	Parent Column	Name of the parent column	VARCHAR2(255)	Not Key
Continuous			INTEGER	Not Key
MondayStartMinute			INTEGER	Not Key
MondayEndMinute			INTEGER	Not Key
TuesdayStartMinute			INTEGER	Not Key
TuesdayEndMinute			INTEGER	Not Key
WednesdayStartMinute			INTEGER	Not Key
WednesdayEndMinute			INTEGER	Not Key
ThursdayStartMinute			INTEGER	Not Key
ThursdayEndMinute			INTEGER	Not Key
FridayStartMinute			INTEGER	Not Key
FridayEndMinute			INTEGER	Not Key
SaturdayStartMinute			INTEGER	Not Key
SaturdayEndMinute			INTEGER	Not Key
SundayStartMinute			INTEGER	Not Key

Table 285 IntervalSchedule (2 of 2)

Column Name	Label	Description	Datatype	Primary Key/Foreign Key
SundayEndMinute			INTEGER	Not Key
SampleIntervalSeconds			INTEGER	Not Key
ReportIntervalMinutes			INTEGER	Not Key

Maintaining the StorageScope Repository

This appendix describes the database jobs and utilities that are used to administer and maintain the StorageScope Repository. Although some database jobs automatically run on a predefined schedule, most can also be run manually.

This appendix contains the following sections:

- ◆ [Before you begin.....](#) 674
- ◆ [Scheduled jobs.....](#) 676
- ◆ [Manual tasks.....](#) 682

Before you begin

Requirements

The jobs and utilities described in this appendix can only be run on the StorageScope Repository host while the StorageScope Repository is running. The scripts will not run properly from Terminal Services Client.

Important directories and files

[Figure 2](#) shows the location of directories and files mentioned in this appendix.

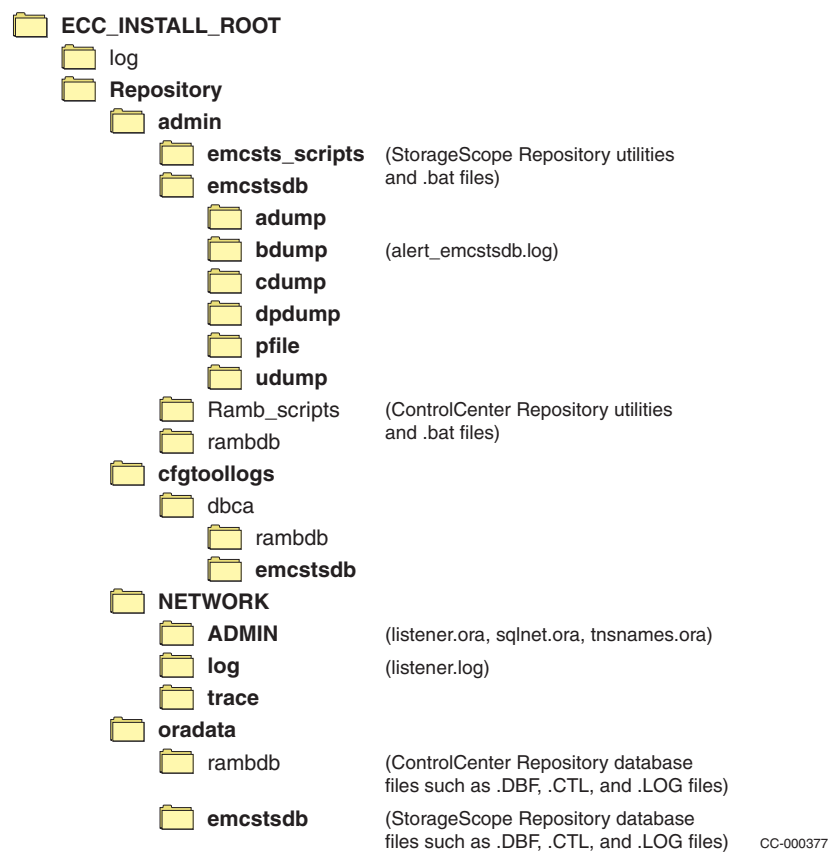


Figure 2 Important directories and files

Reports and log files

Most of the utilities and jobs described in this appendix create either a report (`rpt_<name>`) or a log file (`<name>.log`). In addition, some jobs and utilities create an error log file (`<name>.err`) if errors occur. WordPad provides the best format for viewing reports and log files.

Scheduled jobs

Many StorageScope Repository maintenance and administration tasks run as database jobs that are scheduled to run automatically at a specific time. You can also run these jobs manually at any time using the procedures provided in each section. Scheduled database jobs include:

- ◆ [“Monitoring tablespace usage” on page 677](#)
- ◆ [“Monitoring database job status” on page 677](#)
- ◆ [“Exporting the Repository” on page 678](#)
- ◆ [“Collecting and purging trend data” on page 679](#)
- ◆ [“Rebuilding indexes” on page 679](#)
- ◆ [“Purging metrics tables” on page 680](#)
- ◆ [“Backing up the Repository” on page 680](#)
- ◆ [“Recompiling invalid objects” on page 681](#)

Database job schedule

[Table 286](#) contains the default schedule for scheduled database jobs.

Table 286 **Default database job schedule**

Job	Frequency	Time
Tablespace Usage Status	Daily	7:00 a.m.
Database Jobs Status	Daily	8:00 a.m.
Export Database	Daily	11:00 p.m.
Trending Service Weekly	Every Saturday	7:30 p.m.
Trending Retention Service	Every Saturday	10:30 p.m.
Rebuild Index	Every Sunday	12:05 a.m.
Metrics Partition Table Purge	Every Sunday	1:00 a.m.
Cold Backup	Every Sunday	2:30 a.m.
Recompile Invalid Objects	Every Sunday	6:00 p.m.
Trending Service Monthly	Last day of each month	9:30 p.m.

Monitoring tablespace usage

Name	emcsts_tbspusage.bat
Purpose	Generates a tablespace usage status report that includes tablespace and datafile usage data, autoextend data, redo log information and tablespace high watermark notation.
Schedule	Daily at 7:00 a.m.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Report name	rpt_emcsts_tbspusage.log
To run manually	

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_tbspusage.bat
```

Monitoring database job status

Name	emcsts_jobstatus.bat
Purpose	Generates a status report for database jobs that includes the name of each job, number of failures, last successful run time, next scheduled run time, and whether the job is active.
Schedule	Daily at 8:00 a.m.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Report name	rpt_emcsts_jobstatus.log
To run manually	

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_jobstatus.bat
```

Exporting the Repository

Name emcsts_export_db.bat

Purpose Exports the StorageScope Repository to a dump file, and then zips the file. If you need to return the Repository to its previous state, you can import the data from the dump file into the Repository. Refer to [“Importing the Repository” on page 692](#) for more information.



IMPORTANT

Make sure the `EMCSTSBACKUPDIR` environment variable is assigned to a directory that has sufficient free space to store exports. This variable is defined during installation, but can be changed.

Schedule Daily at 11:00 p.m.

Location `<Install_Root>\Repository\admin\emcsts_scripts`

Zip file name\location `%EMCSTSBACKUPDIR%\exp\emcstsd_b_exp_dmp.zip`

To run manually

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Maintenance -> StorageScope Repository -> Export Database
From the command prompt	<code><Install_Root>\Repository\admin\emcsts_scripts\emcsts_export_db.bat</code>

Related tasks [“Importing the Repository” on page 692](#)

Collecting and purging trend data

Name emcsts_trending_services.bat

Purpose Gathers weekly and monthly historical growth and usage data if trending is enabled. Also purges trend data if a retention period has been configured. Refer to the *StorageScope online help* for the procedures to enable trending and configure a retention period.

Schedule

Job	Schedule	Time of Day	Type of Trending Data
Weekly trending service	Saturdays	7:30 p.m.	Weekly & Monthly
Trending retention service	Saturdays	10:30 p.m.	
Monthly trending service	Last day of the month	9:30 p.m.	Monthly

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_trending_services.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_trending_services.bat
```

Rebuilding indexes

Name emcsts_rebuild_index.bat

Purpose Rebuilds the indexes in the StorageScope Repository.

Schedule Every Sunday at 12:05 a.m.

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_rebuild_index.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_rebuild_index.bat
```

Purging metrics tables

- Purpose** The daily trending tables (for example, SRMArrayMetrics) in the StorageScope Repository contain up to 42 days (six weeks) of daily data. Each table is divided into six partitions (one for each week). This internal database job purges partitions in the tables which are more than six weeks old. This job cannot be run manually.
- Schedule** Every Sunday at 1:00 a.m.

Backing up the Repository

- Name** emcsts_coldback.bat
- Purpose** Does a cold backup of the StorageScope Repository which reduces the size of the temporary (SRM_TEMP) and UNDO tablespaces. If the Repository becomes damaged or corrupted, you can restore it from a backup copy. The restored Repository is in the same state that it was in when the backup copy was made.
- Schedule** Every Sunday at 2:30 a.m.
- Location** <Install_Root>\Repository\admin\emcsts_scripts
- Backup location** %EMCSTSBACKUPDIR%\cold
- Note:** Make sure the EMCSTSBACKUPDIR environment variable is assigned to a directory that has sufficient free space to store backups. This variable is defined during installation, but can be changed at a later date, if needed. Backup space requirements are approximately the same as the Repository.
- Schedule** Every Sunday at 2:30 a.m.

To run manually

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Maintenance -> StorageScope Repository -> Backup Database
From the command prompt	<Install_Root>\Repository\admin\emcsts_scripts\ emcsts_coldback.bat

Related tasks [“Creating Repository restore script” on page 689](#)

Recompiling invalid objects

Name	emcsts_recomp_invalid.bat
Purpose	Re-compiles invalid objects in the StorageScope Repository.
Schedule	Every Sunday at 6:00 p.m.
Location	<i><Install_Root></i> \Repository\admin\emcsts_scripts
Log name	emcsts_recomp_invalid.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_recomp_invalid.bat
```

Manual tasks

The following sections describe StorageScope Repository administration and maintenance utilities that you can run at any time. Tasks that you can perform manually include:

- ◆ [“Shutting down the Repository” on page 682](#)
- ◆ [“Starting the Repository” on page 683](#)
- ◆ [“Getting Repository information” on page 683](#)
- ◆ [“Removing database jobs” on page 684](#)
- ◆ [“Adding database jobs” on page 685](#)
- ◆ [“Changing initialization parameters” on page 685](#)
- ◆ [“Changing password” on page 686](#)
- ◆ [“Unzipping files” on page 686](#)
- ◆ [“Monitoring free space” on page 687](#)
- ◆ [“Analyzing tables” on page 688](#)
- ◆ [“Creating datafile recovery script” on page 688](#)
- ◆ [“Recovering datafiles” on page 689](#)
- ◆ [“Creating Repository restore script” on page 689](#)
- ◆ [“Restoring the Repository” on page 690](#)
- ◆ [“Unlocking database user accounts” on page 690](#)
- ◆ [“Refreshing materialized views” on page 691](#)
- ◆ [“Monitoring current database processes” on page 691](#)
- ◆ [“Importing the Repository” on page 692](#)
- ◆ [“Scanning the Repository alert log” on page 692](#)

Shutting down the Repository

To shut down (stop) the StorageScope Repository, select the following from the **Start** menu:

**Programs -> Administrative Tools -> Services ->
OracleServiceEMCSTSDB -> Stop**

Starting the Repository

To start the StorageScope Repository after it has been stopped, select the following from the **Start** menu:

**Programs -> Administrative Tools -> Services ->
OracleServiceEMCSTSDB -> Start**

Getting Repository information

Utility name	emcsts_getversion.bat
Purpose	Use this utility to display StorageScope Repository version and build information and creates a log.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_getversion.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_getversion.bat
```

Removing database jobs

Name emcsts_remove_jobs.bat

Purpose Use this utility to remove the following system (SYS) database jobs from the StorageScope Repository so that they no longer run automatically at their scheduled time. Even if you remove these jobs, you can still run them manually.

- ◆ emcsts_tbspusage.bat (“[Monitoring tablespace usage](#)” on [page 677](#))
- ◆ emcsts_export_db.bat (“[Exporting the Repository](#)” on [page 678](#))
- ◆ emcsts_jobstatus.bat (“[Monitoring database job status](#)” on [page 677](#))
- ◆ emcsts_rebuild_index.bat (“[Rebuilding indexes](#)” on [page 679](#))
- ◆ emcsts_recomp_invalid.bat (“[Recompiling invalid objects](#)” on [page 681](#))
- ◆ emcsts_analyze_table.bat (“[Analyzing tables](#)” on [page 688](#))

Note: Because emcsts_analyze_table.bat can take considerable time to run depending on the size of the StorageScope Repository, it is inactive (Broken=Y) by default. Refer to “[Analyzing tables](#)” on [page 688](#) for instructions to run this job manually.

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_remove_jobs.log

To run manually

<Install_Root>\Repository\admin\emcsts_scripts\emcsts_remove_jobs.bat

Related tasks “[Adding database jobs](#)” on [page 685](#)

Adding database jobs

Name	emcsts_add_jobs.bat
Purpose	Use this utility to add the system (SYS) database jobs to the StorageScope Repository if they have been removed. Displays StorageScope Repository version and build information and creates a log.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_add_jobs.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_add_jobs.bat
```

Related tasks [“Removing database jobs” on page 684](#)

Changing initialization parameters

Name	emcsts_change_init.bat
Purpose	Use this utility to change StorageScope initialization parameters.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Report name	rpt_emcsts_init.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_change_init.bat
```



CAUTION

Contact your EMC Customer Service representative to determine how your StorageScope installation will be impacted before running this script to change the StorageScope Repository's initialization parameters.

Changing password

Name	emcsts_change_pwd.bat
Purpose	Use this utility to change the password for the user-defined StorageScope Repository user.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_change_pwd.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_change_pwd.bat
```

Unzipping files

Name	emcsts_unzipfiles.bat
Purpose	Use this utility to unzip files.
Location	<Install_Root>\Repository\admin\emcsts_scripts

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_unzipfiles.bat  
[directory to unzip]
```

Example

```
ECC\Repository\admin\emcsts_scripts\emcsts_unzipfiles.bat C:\ECC\ECCSTSBACKUP_\exp
```

Monitoring free space

Name `emcsts_freespace.bat`

Purpose Use this utility to generate a report on the status of the tablespaces in the StorageScope Repository.

Location `<Install_Root>\Repository\admin\emcsts_scripts`

Report name `rpt_emcsts_freespace.log`

To run manually

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Maintenance -> StorageScope Repository -> Free Space Report
From the command prompt	<code><Install_Root>\Repository\admin\emcsts_scripts\emcsts_freespace.bat</code>

Analyzing tables

Name	emcsts_analyze_table.bat
Purpose	Use this database job to analyze StorageScope Repository tables in order to improve database performance.
Schedule	Daily at 6:30 p.m.
	Note: Because it can take considerable time to run emcsts_analyze_table.bat depending on the size of the StorageScope Repository, it is inactive (Broken=Y) by default and you must run it manually.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_analyze_table.log

To run manually

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Maintenance -> StorageScope Repository -> Index Tuning
From the command prompt	<Install_Root>\Repository\admin\emcsts_scripts\emcsts_analyze_table.bat

Creating datafile recovery script

Name	emcsts_create_mediarecovery.bat
Purpose	Use this utility to create a script (emcsts_mediarecovery1.sql) that you can run to recover datafiles in the StorageScope Repository.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_create_mediarecovery.log

To run manually

<Install_Root>\Repository\admin\emcsts_scripts\emcsts_create_mediarecovery.bat

Related tasks [“Recovering datafiles” on page 689](#)

Recovering datafiles

Name emcsts_mediarecovery.bat

Purpose Use this utility to recover StorageScope Repository datafiles. If this procedure fails, try to restore the Repository. Refer to [“Creating Repository restore script” on page 689](#).

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_mediarecovery.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_mediarecovery.bat
```

- Related tasks**
- ◆ [“Creating datafile recovery script” on page 688](#)
 - ◆ [“Creating Repository restore script” on page 689](#)

Creating Repository restore script

Name emcsts_create_restore.bat

Purpose Use this utility to create a script (emcsts_restore1.sql) that you can run to restore the StorageScope Repository from a backup copy if the Repository becomes damaged or corrupted.

Location <Install_Root>\Repository\admin\emcsts_scripts

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_create_restore.bat
```

- Related tasks**
- ◆ [“Backing up the Repository” on page 680](#)
 - ◆ [“Restoring the Repository” on page 690](#)

Restoring the Repository

Name emcsts_restore.bat

Purpose Use this utility to restore the StorageScope Repository from a backup copy if the Repository becomes damaged or corrupted. The restored Repository is in the same state it was in when the backup copy was made.



IMPORTANT

Before you restore the Repository, make sure *.dbf and REDO*.LOG files from last known good cold backup have been copied to C:\ECC\Repository\oradata\emcstsdb.

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_restore.log

To run manually

<Install_Root>\Repository\admin\emcsts_scripts\emcsts_restore.bat

Related tasks [“Backing up the Repository” on page 680](#)

Unlocking database user accounts

Name emcsts_user_unlock.bat

Purpose By default, all database user accounts are unlocked. If for some reason, a user account becomes locked, use this utility to unlock the account.

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_user_unlock.log

To run manually

<Install_Root>\Repository\admin\emcsts_scripts\emcsts_user_unlock.bat

Refreshing materialized views

Name emcsts_mv.bat

Purpose Materialized views (MV_DSS_FILESUMMARY_FS and MV_DSS_FILESUMMARY_FOLDER) in StorageScope are automatically refreshed each time the ETL process runs. Use this utility to manually refresh materialized views at any time.

Location <Install_Root>\Repository\admin\emcsts_scripts

Log name emcsts_mv.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_mv.bat
```

Monitoring current database processes

Name emcsts_process_info.bat

Purpose Use this utility to generate a report that lists the current status of the database processes running on the StorageScope Repository. The report can help you to identify long-running SQL statements.

Location <Install_Root>\Repository\admin\emcsts_scripts

Report name rpt_emcsts_process_info.log

To run manually

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Administration-> StorageScope Database Process Info
From the command prompt	<Install_Root>\Repository\admin\emcsts_scripts\emcsts_process_info.bat

Importing the Repository

Name	emcsts_import_db.bat
Purpose	Use this utility to import data from a previously exported StorageScope Repository. All current data in the Repository (including known managed objects) will be overwritten with the imported data. Be sure to export and/or backup your existing Repository before you try to import.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	emcsts_import_db.log

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_import_db.bat  
[User-defined Database Username] [Dump File Directory and Filename]
```

Example **ECC\Repository\admin\emcsts_scripts\emcsts_import_db.bat**
 ecctester c:\emcstsd_b\exp.dmp

- Related tasks**
- ◆ [“Exporting the Repository” on page 678](#)
 - ◆ [“Backing up the Repository” on page 680](#)

Scanning the Repository alert log

To scan the Repository alert log, run the following:

```
findstr /I "ORA- SP2-" <Install_Root>\Repository\admin\emcstsd_b\bdump>alert_emcstsd_b.log
```

Note: If this file does not yet exist, a new file is created. If this file already exists, then the information is appended to the existing file each time the scan is run. EMC recommends that you rename and archive this file when it starts to grow large.

Cleaning trace files



IMPORTANT

Before you begin, rename the `alert_emcstsdbs.log` file (located in the `bdump` directory) and save it to another location in case you need to check the log files.

To clean trace files, delete the old trace files from the following directories:

```
<Install_Root>\Repository\admin\emcstsdbs\bdump
<Install_Root>\Repository\admin\emcstsdbs\udump
```

Gathering data for remote diagnostic assistance

Name	emcsts_rda.bat
Purpose	EMC may require system and database log files to troubleshoot a StorageScope issue remotely. Use this utility to gather system and database log information. A zip file is created, which you can then send to EMC.
Location	<Install_Root>\Repository\admin\emcsts_scripts
Log name	RDA_Report.zip

To run manually

```
<Install_Root>\Repository\admin\emcsts_scripts\emcsts_RDA.bat
```

From the Start menu	Programs -> EMC -> EMC Control Center -> Repository Administration-> StorageScope Database RDA
From the command prompt	<Install_Root>\Repository\admin\emcsts_scripts\emcsts_RDA.bat

Shrinking oversized datafiles

Name emcsts_datafile_resize.bat

Purpose Use this utility to determine high watermark of datafiles in the repository and shrink any oversized datafiles.

Note: This utility is also part of the emcsts_tbspusage.bat job, which runs at 7:00 a.m. daily.

Location

<Install Root>\Repository\admin\emcsts_scripts

Log name emcsts_datafile_resize.log

To run manually

From the Start menu	This utility cannot be run from the Start menu.
From the command prompt	<Install Root>\Repository\admin\emcsts_scripts\ emcsts_datafile_resize.bat

Custom SQL Queries

This chapter provides some custom SQL queries that you can run to extract and then manipulate data from the tables in the StorageScope Repository.

- ◆ Custom SQL queries 696

Custom SQL queries

The following table lists metrics that can be calculated with SQL queries against the StorageScope Repository.

Table 287 Custom SQL queries (1 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
# Accessible Meta LUNs	Number of meta devices (for example, meta devices, meta LUNs, LUSE volumes) accessible to hosts	Select arraykey, count(*) From SRMArrayDevice Where IsAccessible = 'Yes' And IsMetaDevice = 'Yes' Group by arraykey;	ST_ACCESSIBLEMETADEV CNT
# Accessible Non-Meta LUNs	Number of non-meta LUNs accessible to hosts	Select arraykey, count(*) From SRMArrayDevice Where IsAccessible = 'Yes' And IsMetaDevice = 'No' Group by arraykey;	ST_ACCESSIBLENONMETADEV CNT
# Allocated Meta LUNs	Number of meta LUNs allocated to hosts	Select arraykey, count(*) From SRMArrayDevice Where ArrayAllocated = 'Yes' And IsMetaDevice = 'Yes' Group by arraykey;	ST_ALLOCMETADEV CNT
# Allocated Non-Meta LUNs	Number of non-meta LUNs allocated to hosts	Select arraykey, count(*) From SRMArrayDevice Where ArrayAllocated = 'Yes' And IsMetaDevice = 'No' Group by arraykey;	ST_ALLOCNONMETADEV CNT
# Allocated Local Replica LUNs	Number of local replica devices allocated to hosts	Select arraykey, count(*) From SRMArrayDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Local Replica' Group by arraykey;	ST_ALLOCLocalREPDEV CNT
# Allocated Remote Replica Devices	Number of remote replica devices allocated to hosts	Select arraykey, count(*) From SRMArrayDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Remote Replica' Group by arraykey;	ST_ALLOCREMOTEREPDEV CNT

Table 287 Custom SQL queries (2 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
# Mapped Meta LUNs	Number of meta devices on this array or arrays in the group that are mapped to front-end ports	Select arraykey, count(*) From SRMArraryDevice Where IsMapped = 'Yes' And IsMetaDevice = 'Yes' Group by arraykey;	ST_MAPPEDMETADEV CNT
# Mapped Non-Meta LUNs	Number of non-meta devices on this array or arrays in the group that are mapped to front-end ports	Select arraykey, count(*) From SRMArraryDevice Where IsMapped = 'Yes' And IsMetaDevice = 'No' Group by arraykey;	ST_MAPPEDNONMETADEV CNT
Allocated Replica (KB)	Capacity of all replicas associated with primary devices reserved for use by the host or hosts in the group. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the replica devices.	Select hostorhbakey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArraryDevice, SRMDeviceAllocation Where SRMArraryDevice.ArrayDeviceKey = SRMDeviceAllocation.ArrayDeviceKey And ArrayAllocated = 'Yes' And AllocationType like '%Replica' Group by hostorhbakey;	HOST_ARRAY_REP_ALLOC
Allocated Primary (KB)	Capacity on primary devices reserved for use by the host or hosts in the group. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Primary' Group by arraykey;	ST_PRIMARY_ALLOCATED
Raw Allocated Primary (KB)	Capacity of primary logical devices on the array or arrays in the group that are reserved for hosts. Also includes any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceRaw, nvl(ArrayDevRaw, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Primary' Group by arraykey;	ST_PRIMARY_ALLOCATED_RAW

Table 287 Custom SQL queries (3 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
Allocated Local Replica (KB)	Capacity of local replica devices on the array or arrays in the group that are reserved for host use. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Local Replica' Group by arraykey;	ST_LOCAL_REP_ALLOCATED
Raw Allocated Local Replica (KB)	Capacity of local replica devices on the array or arrays in the group that are reserved for host use. Also includes any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceRaw, nvl(ArrayDevRaw, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Local Replica' Group by arraykey;	ST_LOCAL_REP_ALLOCATED_RAW
Allocated Remote Replica (KB)	Capacity of remote replica devices on the array or arrays in the group that are reserved for hosts. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Remote Replica' Group by arraykey;	ST_REMOTE_REP_ALLOCATED
Raw Allocated Remote Replica (KB)	Capacity of remote replica devices on the array or arrays in the group that are reserved for hosts. Also includes any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceRaw, nvl(ArrayDevRaw, 0))) From SRMArraryDevice Where ArrayAllocated = 'Yes' And AllocationType = 'Remote Replica' Group by arraykey;	ST_REMOTE_REP_ALLOCATED_RAW

Table 287 Custom SQL queries (4 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
Unallocated - Mapped (KB)	Amount of logical device capacity on the array or the arrays in the group that is not allocated, but is mapped to front-end ports. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArryDevice Where ArrayAllocated = 'No' And IsMapped = 'Yes' Group by arraykey;	ST_UNALLOCATED_MAPPED
Raw Unallocated - Mapped (KB)	Amount of logical device capacity on the array or the arrays in the group that is not allocated, but is mapped to front-end ports. Also includes any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceRaw, nvl(ArrayDevRaw, 0))) From SRMArryDevice Where ArrayAllocated = 'No' And IsMapped = 'Yes' Group by arraykey;	ST_UNALLOCATED_MAPPED_RAW
Unallocated - Unmapped (KB)	Amount of logical device capacity on the array or the arrays in the group that is not allocated and not mapped to front-end ports. Does not include any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceTotal, nvl(ArrayDevTotal, 0))) From SRMArryDevice Where ArrayAllocated = 'No' And IsMapped = 'No' Group by arraykey;	ST_UNALLOCATED_UNMAPPED
Raw Unallocated - Unmapped (KB)	Amount of logical device capacity on the array or the arrays in the group that is not allocated and not mapped to front-end ports. Also includes any capacity defined by the protection level (such as mirrors or parity RAID) for the devices.	Select arraykey, sum(nvl(MetaDeviceRaw, nvl(ArrayDevRaw, 0))) From SRMArryDevice Where ArrayAllocated = 'No' And IsMapped = 'No' Group by arraykey;	ST_UNALLOCATED_UNMAPPED_RAW

Table 287 Custom SQL queries (5 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
File System on Array & Int/JBOD (KB)	Total capacity of file systems that are mounted partially on internal disks/JBOD and partially on host devices mapped to array devices	Select hostkey, sum(fstotal) From SRMFSSMetrics, SRMFileSystem, LatestETLLoad Where SRMFSSMetrics.filesystemkey = SRMFileSystem.filesystemkey And SRMFSSMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Both' Group by hostkey;	FS_TOTAL_BOTH
File System on Int/JBOD (KB)	Total capacity of host file systems mounted exclusively on internal disks/JBOD	Select hostkey, sum(fstotal) From SRMFSSMetrics, SRMFileSystem, LatestETLLoad Where SRMFSSMetrics.filesystemkey = SRMFileSystem.filesystemkey And SRMFSSMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Internal' Group by hostkey;	FS_TOTAL_JBOD
Used File System on Array & Int/JBOD (KB)	Amount of file system capacity mounted partially on internal disks/JBOD and partially on host devices mapped to array devices that is consumed by files and databases	Select hostkey, sum(fsused) From SRMFSSMetrics, SRMFileSystem, LatestETLLoad Where SRMFSSMetrics.filesystemkey = SRMFileSystem.filesystemkey And SRMFSSMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Both' Group by hostkey;	FS_USED_BOTH
Used File System on Int/JBOD (KB)	Amount of file system capacity mounted exclusively on host devices mapped to array devices that is consumed by files and databases	Select hostkey, sum(fsused) From SRMFSSMetrics, SRMFileSystem, LatestETLLoad Where SRMFSSMetrics.filesystemkey = SRMFileSystem.filesystemkey And SRMFSSMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Internal' Group by hostkey;	FS_USED_JBOD

Table 287 Custom SQL queries (6 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
Logical Volume on Array & Int/JBOD (KB)	Total capacity of logical volumes that reside partially on internal disks/JBOD and partially on host devices mapped to array devices	Select hostkey, sum(lvtotal) From SRMLVMetrics, SRMLLogicalVolume, LatestETLLoad Where SRMLVMetrics.logicalvolumekey = SRMLLogicalVolume.logicalvolumekey And SRMLVMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Both' Group by hostkey;	LVOL_TOTAL_BOTH
Logical Volume on Int/JBOD (KB)	Total capacity of logical volumes that reside exclusively on internal disks/JBOD	Select hostkey, sum(lvtotal) From SRMLVMetrics, SRMLLogicalVolume, LatestETLLoad Where SRMLVMetrics.logicalvolumekey = SRMLLogicalVolume.logicalvolumekey And SRMLVMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Internal' Group by hostkey;	LVOL_TOTAL_JBOD
Used Logical Volume on Array & Int/JBOD (KB)	Used (allocated to file systems) amount of logical volumes residing partially on internal disks/JBOD and partially on host devices mapped to array devices	Select hostkey, sum(lvused) From SRMLVMetrics, SRMLLogicalVolume, LatestETLLoad Where SRMLVMetrics.logicalvolumekey = SRMLLogicalVolume.logicalvolumekey And SRMLVMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Both' Group by hostkey;	LVOL_USED_BOTH
Used Logical Volume on Int/JBOD (KB)	Used (allocated to file systems) amount of logical volumes residing exclusively on internal disks/JBOD	Select hostkey, sum(lvused) From SRMLVMetrics, SRMLLogicalVolume, LatestETLLoad Where SRMLVMetrics.logicalvolumekey = SRMLLogicalVolume.logicalvolumekey And SRMLVMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Internal' Group by hostkey;	LVOL_USED_JBOD

Table 287 Custom SQL queries (7 of 7)

Name	Description	SQL Query	StorageScope API Equivalent
Used Volume Group on Array & Int/JBOD (KB)	Used capacity of volume groups residing partially on arrays and partially on hosts or JBOD	Select hostkey, sum(vgused) From SRMVGMetrics, SRMVolumeGroup, LatestETLLoad Where SRMVGMetrics.volumegroupkey = SRMVolumeGroup.volumegroupkey And SRMVGMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Both' Group by hostkey;	VG_USED_BOTH
Used Volume Group on Int/JBOD (KB)	Used capacity of volume groups residing exclusively on hosts or JBOD	Select hostkey, sum(vgused) From SRMVGMetrics, SRMVolumeGroup, LatestETLLoad Where SRMVGMetrics.volumegroupkey = SRMVolumeGroup.volumegroupkey And SRMVGMetrics.datekey = LatestETLLoad.datekey And ResidesOn = 'Internal' Group by hostkey;	VG_USED_JBOD
Host Accessible (KB)	Total capacity on arrays and internal disks/JBOD that is accessible to this host or the hosts in the group	Select hostkey, hostinternaltotal + hostarrayaccessible From SRMHostMetrics, LatestETLLoad Where SRMHostMetrics.datekey = LatestETLLoad.Datekey;	HOST_TOTAL_STORAGE_ACCESSIBLE
Used Host Accessible (KB)	Array capacity accessible to this host or the hosts in the group that is assigned to host file systems or databases	Select hostkey, fstotal + rawdbtotal From SRMHostMetrics, LatestETLLoad Where SRMHostMetrics.datekey = LatestETLLoad.datekey;	HOST_USED
Total Host Accessible (KB)	Amount of array and internal disk/JBOD capacity accessible to all hosts. Does not include any capacity defined by the protection level for LUNs.	Select groupkey, hostinternaltotal + hostarrayaccessible From SRMHostByGroupMetrics, LatestETLLoad Where SRMHostByGroupMetrics.datekey = LatestETLLoad.Datekey;	GRP_TOTAL_STORAGE_ACCESSIBLE

This appendix contains FAQs about StorageScope.

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◆ Host FAQs	705
◆ File level reporting FAQs	706
◆ ETL FAQs	708

Array capacity FAQs

Why is partial array information appearing for undiscovered arrays?

When an ESX server and a host both share a storage device on an array that has not been discovered using an array agent, incomplete information about the array will appear in the Arrays section of the StorageScope Hosts view for the ESX server.

For example, this occurs when both an ESX server and a host both have entries in the VCM database of the same undiscovered storage array. When these circumstances are in place, the host agents can retrieve information about the array storage used by the hosts in question, but cannot retrieve more general information about the array itself.

To resolve this issue so that complete array information will appear in StorageScope, the array must be discovered using the relevant storage agent.

Why doesn't configured plus unconfigured capacity add up to total capacity?

Configured plus unconfigured capacity usually equals physical capacity. However, total physical capacity may be less depending on array overhead. For example, in a CLARiiON array, 13 GB of raw capacity is always dedicated to array software and an additional 2 to 3 percent is configuration overhead.

Host FAQs

What are the host device types for storage on ESX servers?

The device types for host device storage connected to ESX servers are:

Parallel SCSI	Internal or JBOD storage. Also, can refer to a SCSI array of unknown type. For example, Hitachi, IBM Shark or ESS arrays will receive this classification if information about the array cannot be found.
Fibre Channel/iSCSI	Refers to an EMC array or a third-party array for which array information is available.

Note: NAS storage is not treated as host device storage.

File level reporting FAQs

Why don't I have any file or folder data?

To collect, and then access, data about the files and folders in your enterprise, you must have all of the following:

- ◆ A valid base StorageScope license key enabled
- ◆ A valid StorageScope File Level Reporting license key enabled (which enables the FLR Archiver agent)
- ◆ Host file level data collection policies (DCPs) configured in ControlCenter
- ◆ The appropriate host agents must either be installed and running on the hosts or have access to the network shares from which file level data will be collected.
- ◆ The host agents collecting file level data must be running at version 6.x or above or the file level data collection policies for that agent will be unavailable.

If you do not have a StorageScope File Level Reporting license key enabled, you will not be able to create and manage file level DCPs, the FLR Archiver agent will remain inactive, and no file level data will be collected. Any columns in StorageScope snapshots, views, reports, and queries that contain file level data will be empty or contain zero (0).

Why does the allocated size of files on an HP-UX host appear incorrect?

HP-UX files may appear to have incorrect allocated file sizes. Every file system has a unique value defined as its block size, which is the unit of space allocated for files and folders within that file system. Since HP-UX does not have a standard way to determine the block sizes for the different file systems, StorageScope uses the following logic to calculate the block size and the allocated file size:

1. Round up the file size in bytes to a multiple of the fundamental block size for the file system.
2. Determine the ratio between this rounded up file size to the actual number of blocks allocated in the file system for that file.
3. Round up the ratio to a power of two to obtain the block size for the file system in kilobytes.

4. Calculate the allocated file size as the number of blocks allocated for the file multiplied by the block size given for the file.

This logic appears to work for files and folders in VXFS and HFS file systems. In some file systems, especially NFS, this logic may cause a discrepancy in the allocated size of files. For some NFS partitions, this logic depends on the combination of client and server, as different NFS vendors report block sizes in different units.

What is the default configuration for the FLR Data Removal Schedule?

In the default StorageScope configuration, FLR data is purged from the StorageScope Repository every day, whenever ETL is scheduled to run.

How often is FLR data purged?

FLR data is removed anytime a scheduled ETL operation runs on the days on which it is scheduled to be removed from the StorageScope repository. The FLR data is not purged when ETL is run on demand, only as part of the scheduled ETL operations.

Will FLR data be purged if ETL is not scheduled to run?

No; FLR data is purged as part of the ETL process, so if ETL does not run on a given day, the FLR data will not be purged, even if the FLR data removal schedule specifies that it should.

ETL FAQs

Is trending data included in the ETL process?

No; StorageScope gathers trending data in a background operation that runs separately from ETL. Why don't I have any Chargeback data?

Chargeback costs are calculated based on the resources (hosts, volumes, shares, folders, or directories) you assign to file groups. In order to get chargeback data, you must have created at least one file group that contain resources. File groups are created in the StorageScope web Console.