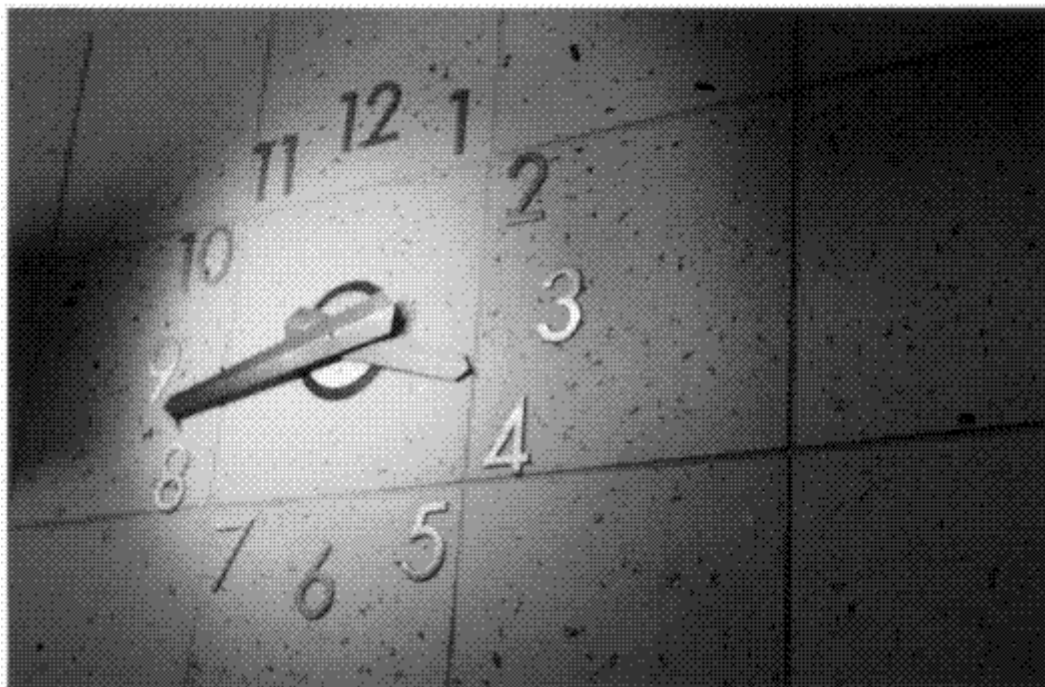




NetApp™

Go further, faster

STORAGE AVAILABILITY AUDIT



Prepared for:

Customer Name: Citigroup RU

Date: 23-Mar-2010

Prepared by:

Contact: Myles Hook, Storage Optimisation Consultant

E-mail Address: myles.hook@netapp.com

Phone number: +447825356321

CONTENTS

1. EXECUTIVE SUMMARY

- . At a Glance
- . Data Availability Summary
- . Capacity Summary
- . Technical Support Cases

2. TECHNICAL SUMMARY

- . System Summary for systems sending AutoSupport
- . System Summary for systems not sending AutoSupport
- . Action Points
- . System Uptime
- . System Capacity
- . O/S and Firmware Summary
- . RMA Details

3. REPORTING DETAILS

- . Summary of Recommendations
- . Active Open Cases
- . Case History: Last 3 Months
- . Service Contracts
- . Performance Summary
- . Physical Inspection Summary

4. SYSTEM REVIEW (per system)

- . Installed Products
- . Hardware Summary
- . Aggregate Utilization
- . Volume Utilization
- . System Slot Inventory
- . Disk Summary
- . Shelf Summary
- . RAID Configuration
- . Aggregate and Volume Configuration
- . Snapshot Usage Summary
- . Aggregate Usage Summary
- . Volume Usage Summary
- . Disk Space Utilization
- . Qtree Status
- . LUNs (Logical Units) Configuration
- . SnapMirror / SnapVault Status
- . Network Information
- . NFS (Network File System) Protocol Usage
- . CIFS (Common Internet File System): Top 5 CIFS Operations
- . MultiStore (vFiler)
- . ASUP (AutoSupport) Status

EXECUTIVE SUMMARY

This Storage Availability Audit was conducted by NetApp Authorized Services Engineer, Myles Hook, myles.hook@netapp.com, for Citigroup RU. NetApp storage audit and assessment is part of the proactive strategy that provides comprehensive inspections and evaluations of your storage infrastructure, growth requirements, and trends. The results of these reports help your storage management team to leverage and expand existing resources, minimize reactive efforts, and prioritize future storage investments.

Integral to the analysis of environmental and operational statistics for the Storage Availability Audit report is the AutoSupport feature of the NetApp Data ONTAP operating system. AutoSupport is an integrated monitoring feature that constantly provides operational, environmental, and configuration information and status on your storage systems.

At a Glance

Systems Inventory

Component	Count
Filer	8
NearStore	0
NetApp VTL	0
V-Series	0
NetCache	0
DataFort	0

Capacity Summary

Systems Summary	TB
Total Useable	70.30
Total Available	19.50
Total Used	50.80
Percent Available	28%
Percent Used	72%

Down Rev Components

Component	System Count
Motherboard	0
Shelf	4
Disk	4
O/S	8

RMA Summary

Status	Count
Returns Received	0
Returns Outstanding	4

Service Contracts Summary

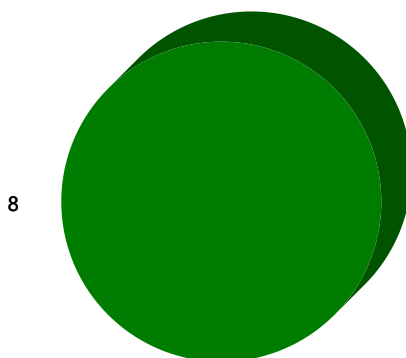
Status	Count
Expiring in 90 days	8

Unique System Messages

Type	Count
Recommend	8
Notice	8
Warning	0

Data Availability Summary

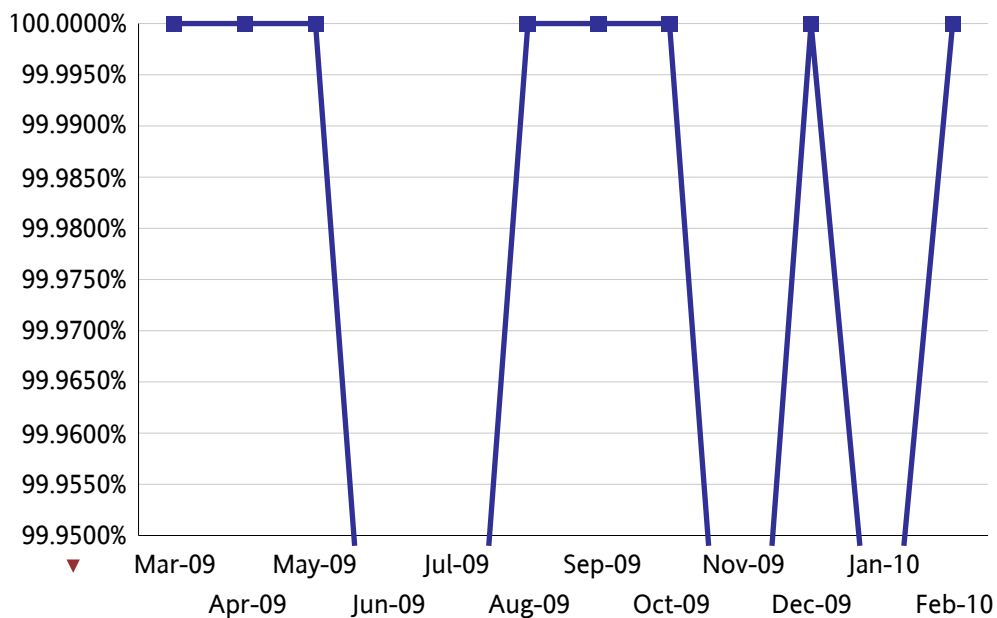
Current Data Availability



System Count

■ 100%

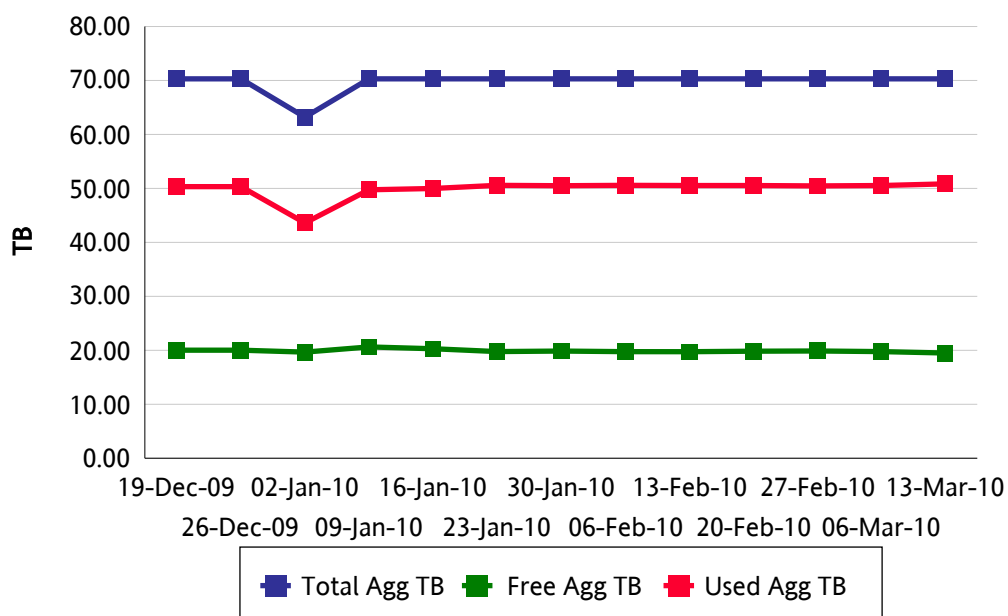
Data Availability Trends



Capacity Summary

Utilization	Systems Count	Host Name	Serial Number	% Used
< 50%	1	vkocinas001dr	2074931	40%
> 90%	3	vkocinas001	2074933	94%
		vkocinas002	2074927	92%
		vkocinas003	2074934	94%
50-75%	3	vkocinas002dr	2074924	57%
		vkocinas003dr	2074932	52%
		vkocinas004dr	2074923	64%
76-90%	1	vkocinas004	2074928	90%

Total Systems Capacity Trends



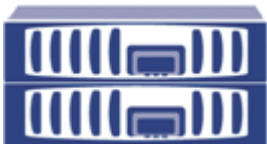
Technical Support Cases

Open Case Count					Closed Case Count					Total Days to Resolution				
	P1	P2	P3	Total		P1	P2	P3	Total		P1	P2	P3	Total
Feb-09			5	5	Feb-09			5	5	Feb-09			14	14
Mar-09			3	3	Mar-09			3	3	Mar-09			15	15
Apr-09			3	3	Apr-09			3	3	Apr-09			31	31
May-09		1	5	6	May-09			6	6	May-09			45	45
Jul-09	1	1	3	5	Jun-09		1		1	Jun-09		6		6
Aug-09			2	2	Jul-09	1		3	4	Jul-09	0		8	8
Nov-09	1	1	5	7	Aug-09		1	2	3	Aug-09		12	2	14
Dec-09	1	1	5	7	Nov-09	1	1	5	7	Nov-09	0	1	5	6
Jan-10			2	2	Dec-09	1		5	6	Dec-09	0		9	9
Feb-10			1	1	Jan-10		1	2	3	Jan-10		5	2	7
Mar-10			1	1	Feb-10			1	1	Feb-10			14	14
					Mar-10			1	1	Mar-10			15	15

TECHNICAL SUMMARY

Storage Availability Audits are a valuable NetApp service to maintain a robust and secure storage environment. Gain insight and control to reduce unexpected downtime, proactively address potential issues, and ensure you are leveraging NetApp best practices. Storage Availability Audits are comprehensive custom reports that convey the status of your entire NetApp storage environment.

System Summary for systems sending AutoSupport

Product	Platform	Host Name	Serial Number	Useable TB
 FILER	FAS3050	vkoctinas004dr	2074923	7.10
	FAS3050	vkoctinas002dr	2074924	7.10
	FAS3050	vkoctinas002	2074927	7.10
	FAS3050	vkoctinas004	2074928	7.32
	FAS3050	vkoctinas001dr	2074931	10.42
	FAS3050	vkoctinas003dr	2074932	10.42
	FAS3050	vkoctinas001	2074933	10.42
	FAS3050	vkoctinas003	2074934	10.42
	FILER			70.30

System Summary for systems not sending AutoSupport

There are no systems in this section

Action Points

Summary of Alerts

Component	Warning	Recommend	Notice
System	0	8	16
Disk	4	0	0
Volume	0	0	8
Aggregate	0	0	0
Interface	0	0	0
Host Bus Adapter(HBA)	0	0	0

System Uptime

Systems Uptime Summary: Last 12 months

	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10
Total Downtime (min.)	0	0	0	32	2	0	0	0	99	0	1	0
Total System Outages	0	0	0	1	2	0	0	0	5	0	2	0

Systems Uptime Summary: Last 3 months

Host Name	Serial Number	Fiscal Month	Total Downtime	Total Count
VKOCTINAS001	2074933	01-Dec-2009	0	0
		01-Jan-2010	1	2
		01-Feb-2010	0	0
VKOCTINAS001DR	2074931	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS002	2074927	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS002DR	2074924	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS003	2074934	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS003DR	2074932	01-Dec-2009	0	0

Systems Uptime Summary: Last 3 months

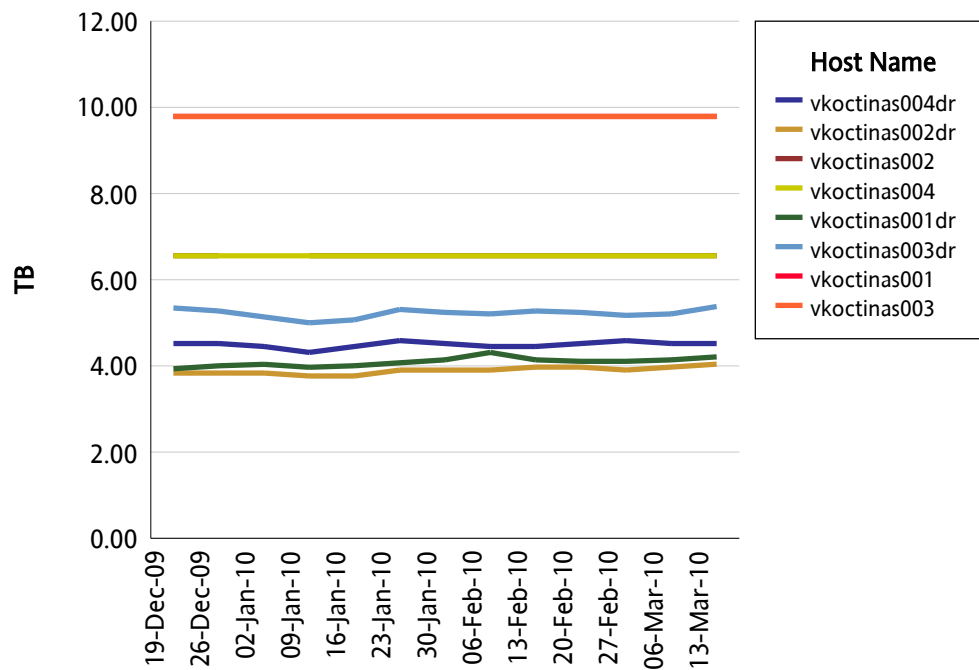
Host Name	Serial Number	Fiscal Month	Total Downtime	Total Count
VKOCTINAS003DR	2074932	01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS004	2074928	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0
VKOCTINAS004DR	2074923	01-Dec-2009	0	0
		01-Jan-2010	0	0
		01-Feb-2010	0	0

Systems Uptime since last reboot

Host Name	Serial Number	System Uptime	Reported On
vkoctinas001	2074933	73 days, 7:10	14-Mar-2010 12:03:00 AM
vkoctinas001dr	2074931	288 days, 19:28	14-Mar-2010 12:03:00 AM
vkoctinas002	2074927	118 days, 1:35	14-Mar-2010 12:03:00 AM
vkoctinas002dr	2074924	291 days, 19:21	14-Mar-2010 12:03:00 AM
vkoctinas003	2074934	313 days, 3:01	14-Mar-2010 12:03:00 AM
vkoctinas003dr	2074932	322 days, 10:09	14-Mar-2010 12:03:00 AM
vkoctinas004	2074928	232 days, 10:14	14-Mar-2010 12:03:00 AM
vkoctinas004dr	2074923	322 days, 10:23	14-Mar-2010 12:03:00 AM

System Capacity

Storage Capacity Trends - Top 10 Systems



O/S and Firmware Summary

Data ONTAP

Host Name	Serial Number	Current O/S Version	Latest O/S Version
vkoctinas001	2074933	7.2.5.1P6D15	7.3.2
vkoctinas001dr	2074931	7.2.5.1P6D15	7.3.2
vkoctinas002	2074927	7.2.5.1P6D15	7.3.2
vkoctinas002dr	2074924	7.2.5.1P6D15	7.3.2
vkoctinas003	2074934	7.2.5.1P6D15	7.3.2
vkoctinas003dr	2074932	7.2.5.1P6D15	7.3.2
vkoctinas004	2074928	7.2.5.1P6D15	7.3.2
vkoctinas004dr	2074923	7.2.5.1P6D15	7.3.2

Motherboard Firmware

Host Name	Serial Number	Current Firmware	Latest Firmware	Up to Date
vkoctinas001	2074933	CFE 3.1.0		☒
vkoctinas001dr	2074931	CFE 3.1.0		☒
vkoctinas002	2074927	CFE 3.1.0		☒
vkoctinas002dr	2074924	CFE 3.1.0		☒
vkoctinas003	2074934	CFE 3.1.0		☒
vkoctinas003dr	2074932	CFE 3.1.0		☒
vkoctinas004	2074928	CFE 3.1.0		☒
vkoctinas004dr	2074923	CFE 3.1.0		☒

Shelf Firmware

Host Name	Serial Number	Shelf Count	Shelf Type	Shelf Module Type	Current Firmware	Latest Firmware	Up to Date
vkoctinas001	2074933	8	DS14-Mk2-FC	ESH2	19	20	☐
vkoctinas001dr	2074931	8	DS14-Mk2-FC	ESH2	19	20	☐
vkoctinas002	2074927	3	DS14-Mk4-FC	ESH4	13	13	☒
vkoctinas002dr	2074924	3	DS14-Mk4-FC	ESH4	13	13	☒
vkoctinas003	2074934	8	DS14-Mk2-FC	ESH2	19	20	☐
vkoctinas003dr	2074932	8	DS14-Mk2-FC	ESH2	19	20	☐

Citigroup RU Storage Availability Audit for March 23, 2010

Host Name	Serial Number	Shelf Count	Shelf Type	Shelf Module Type	Current Firmware	Latest Firmware	Up to Date
vkocinas004	2074928	3	DS14-Mk4-FC	ESH4	13	13	
vkocinas004dr	2074923	3	DS14-Mk4-FC	ESH4	13	13	

Disk Firmware

Host Name	Serial Number	Disk Count	Disk Model	Current Firmware	Latest Firmware	Up to Date
vkocinas001	2074933	41	X274_HPYTA146F10	NA03	NA04	
		71	X274_S10K7146F10	NA07	NA07	
vkocinas001dr	2074931	56	X274_HPYTA146F10	NA03	NA04	
		56	X274_S10K7146F10	NA07	NA07	
vkocinas002	2074927	42	X276_FAL9E288F10	NA05	NA05	
vkocinas002dr	2074924	42	X276_FAL9E288F10	NA05	NA05	
vkocinas003	2074934	55	X274_HPYTA146F10	NA03	NA04	
		56	X274_S10K7146F10	NA07	NA07	
		1	X274_SCHT6146F10	NA16	NA16	
vkocinas003dr	2074932	27	X274_HPYTA146F10	NA03	NA04	
		84	X274_S10K7146F10	NA07	NA07	
		1	X274_SCHT6146F10	NA16	NA16	
vkocinas004	2074928	41	X276_FAL9E288F10	NA05	NA05	
		1	X276_S10K7288F10	NA07	NA07	
vkocinas004dr	2074923	41	X276_FAL9E288F10	NA05	NA05	
		1	X276_S10K7288F10	NA07	NA07	

RMA Details

Host Name	Serial Number	Return/Received date	Return/Received Item or Serial Number	Return/Received Part Number	Return/Received Status	Part Description	Return Required
VKOCTINAS002	2074927	15-Nov-2009	1000	SP-3185	Expensed	MEM,FAS30X0/CX300,1GB,DIMM	YES
VKOCTINAS002	2074927	15-Nov-2009	2000	SP-3185	Expensed	MEM,FAS30X0/CX300,1GB,DIMM	YES
VKOCTINAS003	2074934	23-Dec-2009	1000	SP-274A	Expensed	DSK,144GB,10K RPM,Universal FC	YES
VKOCTINAS004DR	2074923	17-Mar-2010	1000	X3185	Awaiting Return	MEM,FAS30X0/CX300,1GB,SYS MEM	YES

REPORTING DETAILS

Storage Availability Audits assist you in obtaining the best possible performance and availability from your storage environment. The detailed data provided in this section of the NetApp Storage Availability Audit report helps you invest in optimally sized technologies and confidently pursue new business strategies.

Summary of Recommendations

System Level Recommendations

Type: Recommend		
Host Name	Serial Number	Recommendation
vkoctinas004dr	2074923	Newer General Deployment release is available for this appliance. Consult the System Firmware documentation on NOW for download and installation instructions. http://now.netapp.com/NOW/cgi-bin/software
vkoctinas002dr	2074924	
vkoctinas002	2074927	
vkoctinas004	2074928	
vkoctinas001dr	2074931	
vkoctinas003dr	2074932	
vkoctinas001	2074933	
vkoctinas003	2074934	
Type: Notice		
vkoctinas004dr	2074923	Depending on the number of disks installed and their current firmware revision as compared to the firmware contained in the OS being installed, the disk firmware upgrade process can slow down the boot process to the point that it might briefly disrupt data service. Ensure the disks installed in this system are on the same firmware revision or later than what is contained in the destination OS prior to OS upgrade. http://now.netapp.com/eservice/SamAuditServlet?cid=2c43b75e161f088da6aff386c6d8bc57
vkoctinas002dr	2074924	
vkoctinas002	2074927	
vkoctinas004	2074928	
vkoctinas001dr	2074931	
vkoctinas003dr	2074932	
vkoctinas001	2074933	
vkoctinas003	2074934	
vkoctinas004dr	2074923	The recommended virus scanner timeout setting is 10 seconds. The option setting on this system is above 12 seconds. The vscan timeout setting determines how long a filer will wait before querying a vscan server for response to the virus scanning request. If this value is set too high it can delay recovery from virus scan server side issues. Please use the "vscan options timeout set" command to adjust the timeout value to 10 seconds.
vkoctinas002dr	2074924	
vkoctinas002	2074927	
vkoctinas004	2074928	
vkoctinas001dr	2074931	
vkoctinas003dr	2074932	
vkoctinas001	2074933	
vkoctinas003	2074934	

Disk Level Recommendations

Type: Warning			
Host Name	Serial Number	Recommendation	Disk Count
vkoctinas001dr	2074931	More recent firmware is available for this disk on the NOW site. After installation, it can be downloaded to the disks using the "disk_fw_update" command. The "disk_fw_update"	56
vkoctinas003dr	2074932		27

Disk Level Recommendations

Host Name	Serial Number	Recommendation	Disk Count
vkoctinas001	2074933	command is available in Data ONTAP 5.3.7 and later and Net Cache OS 5.3.1 and later. http://now.netapp.com/Knowledgebase/solutionarea.asp?id=ntapcs1110 http://now.netapp.com/NOW/download/tools/diskfw/	41
vkoctinas003	2074934		55

Volume Recommendation Level

Type: Notice			
Host Name	Serial Number	Volume Name	Recommendation
vkoctinas001dr	2074931	vkov03	Snapshot usage on this volume exceeds 80% of the allotted capacity. Snapshot capacity should be monitored closely to ensure that enough space is set aside for snapshots. Increase the amount of space reserved for snapshots using the "snap reserve" command.
		vkov05	
vkoctinas003dr	2074932	vkov04	
		vkov14	
vkoctinas001	2074933	vkov03	
		vkov05	
vkoctinas003	2074934	vkov04	
		vkov14	

There are no Aggregate level recommendations found.

There are no HBA level recommendations found.

There are no Interface level recommendations found.

Active Open Cases

There are no open cases found.

Case History: Last 3 Months

Case ID	Host Name, Serial Number	Case Created Date Case Closed Date	Highest Priority, Current Priority	Description
2001232307	VKOCINAS001 2074933	29-Dec-2009 30-Dec-2009	3 3	CHSPWR:Cluster Notification from vkoctinas001 (CHASSIS POWER SUPPLY DEGRADED: PS 1) WARNING
2001232324	VKOCINAS001 2074933	29-Dec-2009 30-Dec-2009	3 3	PWRFLT:Cluster Notification from vkoctinas001 (SHELF POWER INTERRUPTED) WARNING
2001233667	VKOCINAS001 2074933	30-Dec-2009 30-Dec-2009	3 3	SYCNER:Cluster Notification from vkoctinas001 (SYSTEM CONFIGURATION WARNING) WARNING

Case History: Last 3 Months

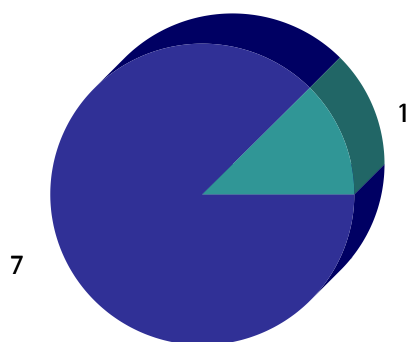
Case ID	Host Name, Serial Number	Case Created Date Case Closed Date	Highest Priority, Current Priority	Description
2001246652	VKOCINAS001 2074933	09- Jan-2010 10- Jan-2010	3 3	CHSPWR:Cluster Notification from vkocinas001 (CHASSIS POWER SUPPLY DEGRADED: PS 1) WARNING
2001246649	VKOCINAS001 2074933	09- Jan-2010 10- Jan-2010	3 3	CHSPWR:Cluster Notification from vkocinas001 (CHASSIS POWER DEGRADED:) WARNING
2001183468	VKOCINAS001DR 2074931	27- Nov-2009 28- Nov-2009	3 3	PWRFLT:Fault reported on disk storage shelf attached to channel 0a. Please check fans, power supplies, disks, and temperature sensor s.
2001183447	VKOCINAS001DR 2074931	27- Nov-2009 28- Nov-2009	3 3	CHSOVR:Cluster Notification from vkocinas001dr (CHASSIS OVER TEMPERATURE) WARNING
2001232314	VKOCINAS002 2074927	29- Dec-2009 30- Dec-2009	3 3	PWRFLT:Cluster Notification from vkocinas002 (SHELF POWER INTERRUPTED) WARNING
2001232782	VKOCINAS002 2074927	29- Dec-2009 03- Jan-2010	1 2	CLTFLT:Cluster Notification from vkocinas002 (CLUSTER TAKEOVER COMPLETE AUTOMATIC) ERROR
2001232807	VKOCINAS002 2074927	29- Dec-2009 29- Dec-2009	1 1	RDVLFA:Cluster Notification from vkocinas002 (RAID VOLUME FAILED) ERROR
2001183445	VKOCINAS003 2074934	27- Nov-2009 28- Nov-2009	3 3	PWRFLT:Fault reported on disk storage shelf attached to channel 0a. Please check fans, power supplies, disks, and temperature sensor s.
2001221477	VKOCINAS003 2074934	20- Dec-2009 26- Dec-2009	3 3	DSKFLT:Disk /aggr2/plex0/rg0/2b.76 Shelf 4 Bay 12 [NETAPP X274_SCHT6146F10 NA16] S/N [3HYX5QT0000073444EWB]
2001183486	VKOCINAS004 2074928	27- Nov-2009 28- Nov-2009	3 3	CHSOVR:Cluster Notification from vkocinas004 (CHASSIS OVER TEMPERATURE) WARNING
2001325933	VKOCINAS004DR 2074923	24- Feb-2010 28- Feb-2010	3 3	[HW] MCH ERROR RASUM PCISTS
2001354121	VKOCINAS004DR 2074923	11- Mar-2010 21- Mar-2010	3 3	[HW]correctable ECC errors reported

Service Contracts

Host Name, Serial Number	Contract Status	Contract Number	Contract Type	Service Name	Service Level	Service End date	Active
VKOCTINAS004DR 2074923	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS002DR 2074924	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS002 2074927	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS004 2074928	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS001DR 2074931	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS003DR 2074932	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS001 2074933	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	
VKOCTINAS003 2074934	Open	10556366	NetApp Standard Contract	SSP All SW		30-Apr-2010	

Performance Summary - CPU Utilization

Current Average CPU Utilization Systems Summary

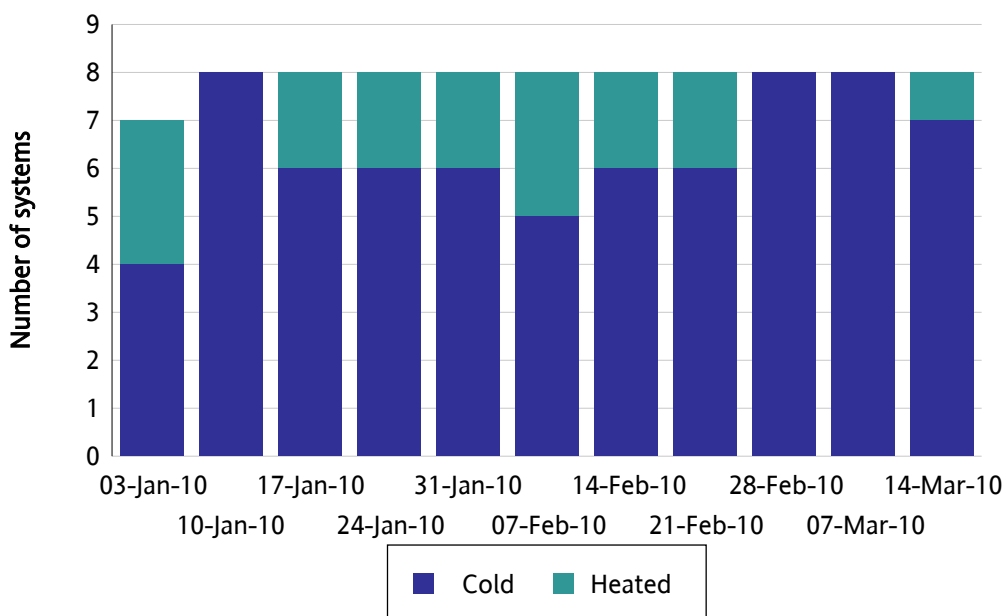


System Count



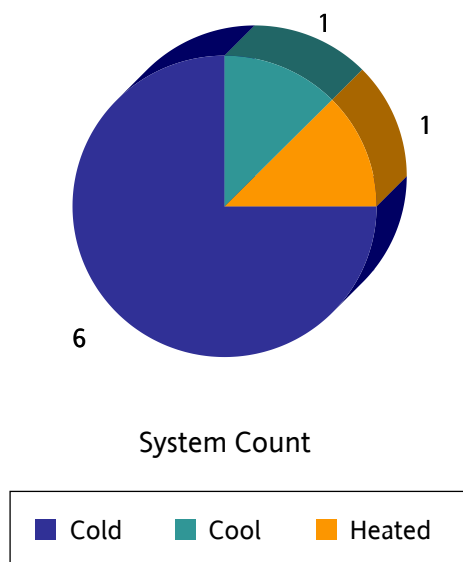
Storage systems are considered Hot when a system spends >40% of its time at >80% utilization. Heated systems spend >10% of their time at >80% utilization. Cool systems spend >50% of their time at >40% utilization. Cold is indicated when none of the previous conditions are true.

Average CPU Utilization Systems Trend



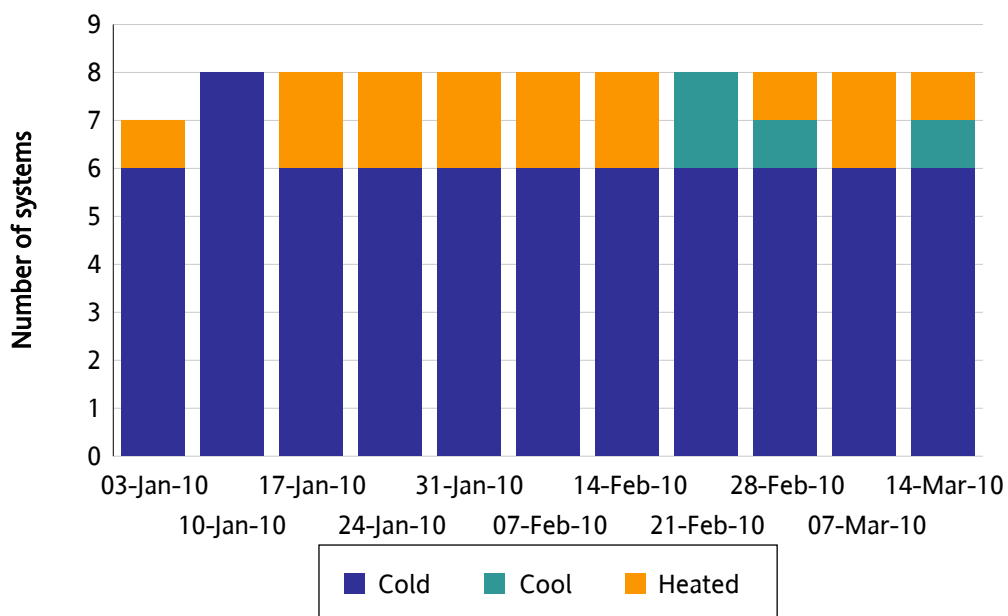
Performance Summary - Disk Utilization

Current Average Disk Utilization Systems Summary



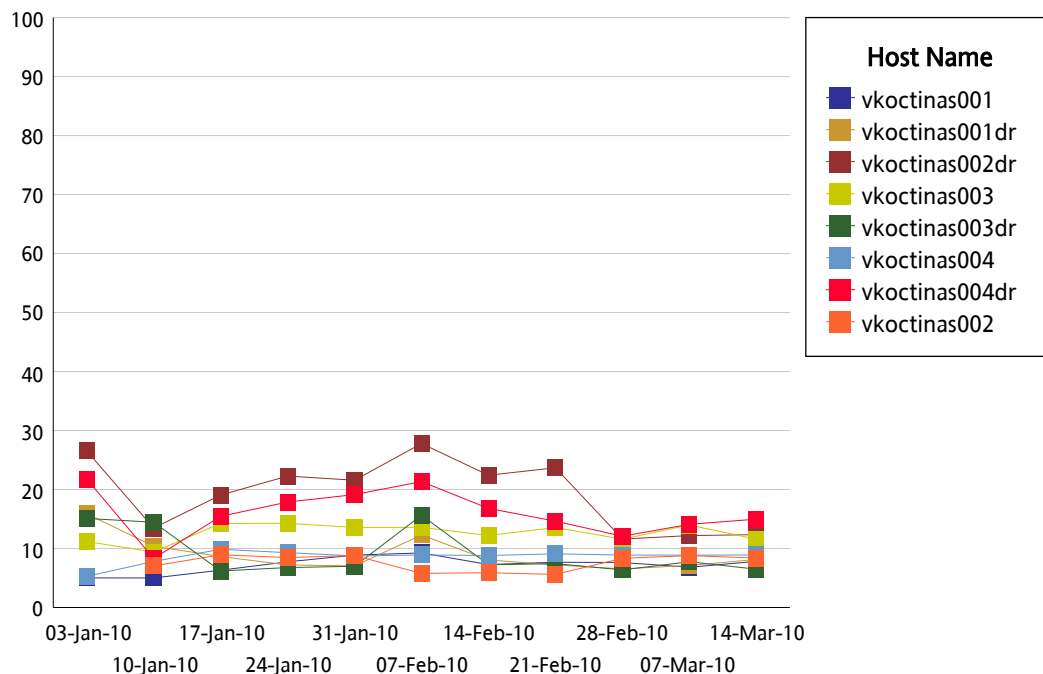
Storage systems are considered Hot when a system spends >40% of its time at >80% utilization. Heated systems spend >10% of their time at >80% utilization. Cool systems spend >50% of their time at >40% utilization. Cold is indicated when none of the previous conditions are true.

Average Disk Utilization Systems Trend

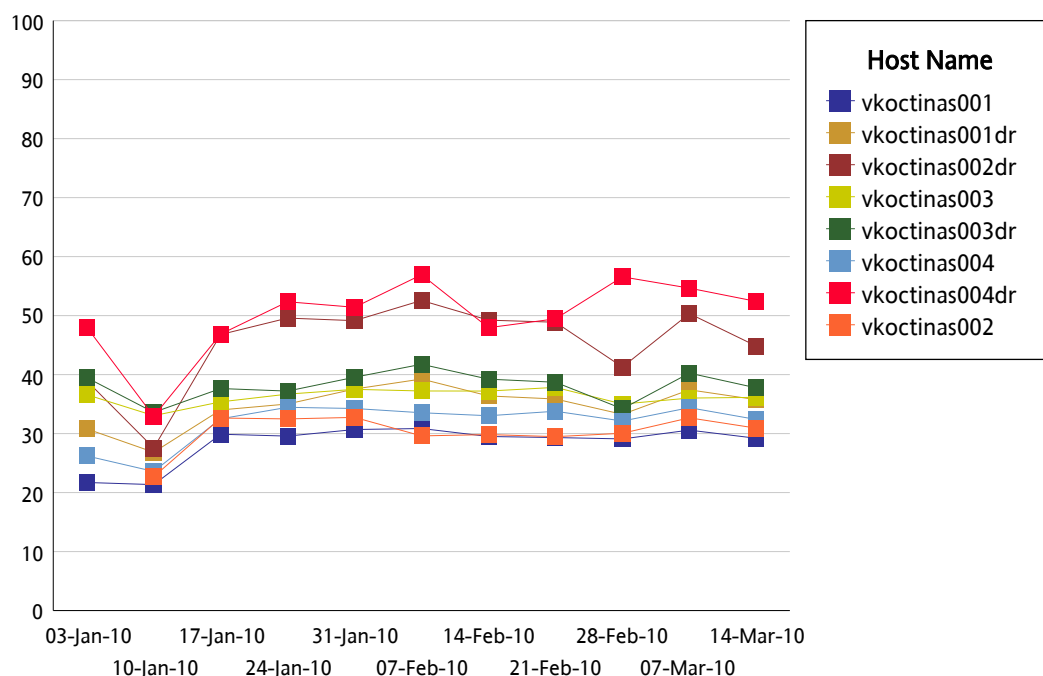


System Performance

Average CPU Utilization % Trends - Top 10 Systems



Average Disk Utilization % Trends - Top 10 Systems



Physical Inspection Summary

Your NetApp systems are checked for physical and environmental criteria that will adversely affect the availability and performance of your system. The following conditions are checked during a physical inspection.

1. Are all of the disk shelves mounted properly?
2. Do all shelf labels match the shelf IDs?
3. Are all disks and power supply sleds seated properly?
4. Are all head unit fans spinning normally?
5. Are all fans free of dust?
6. Are all power supply LEDs working?
7. Are all power supply fault lights off?
8. Are all exhaust fans spinning normally?
9. Are all power cords fastened securely?
10. Is the system grounded properly?
11. Is the FCAL connector terminator properly attached to the system?
12. Does the system meet NetApp power requirements?
13. Does the system have a spares kit?

There are no inspection results found for this system.

SYSTEM REVIEW



Host Name: vkoctinas004dr
Serial Number: 2074923
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkoctinas003dr

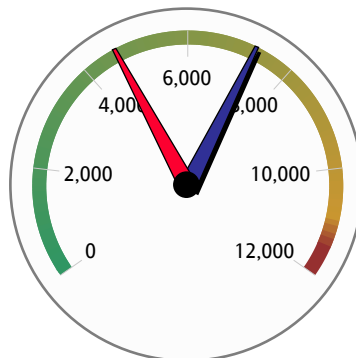
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

Component	Count
Shelves	3
Disk	42

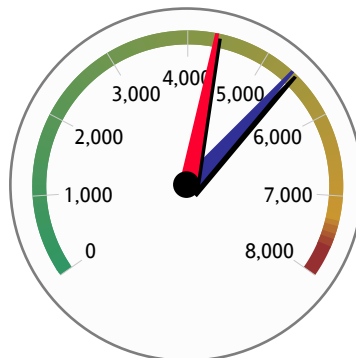
Aggregate Utilization



4,644 Agg GB used out of 7,267 total Agg GB

■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



4,350 Vol GB used out of 5,360 total Vol GB

■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	32
DPARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
PARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
SPARE	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
SPARE	X276_S10K7288F10 NETAPP	NA07 NA07		272.00	520	DS14-Mk4-FC	1
Summary							42

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	38
		aggr1	
rg1	RAID_DP	aggr1	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
	vkov06
	vkov07
	vkov08
	vkov09
	vkov10

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	28	2 13 13@0,12	20.00%	47.00%
vkov01	30	2 13 13@0,12	20.00%	15.00%
vkov02	30	2 13 13@0,12	20.00%	9.00%
vkov03	30	2 13 13@0,12	20.00%	15.00%
vkov04	30	2 13 13@0,12	20.00%	24.00%
vkov05	30	2 13 13@0,12	20.00%	42.00%
vkov06	30	2 13 13@0,12	20.00%	18.00%
vkov07	30	2 13 13@0,12	20.00%	11.00%
vkov08	30	2 13 13@0,12	20.00%	24.00%
vkov09	31	2 13 13@0,12	20.00%	19.00%
vkov10	30	2 13 13@0,12	20.00%	11.00%
vol0dr_m	30	2 13 13@0,12	20.00%	2.00%

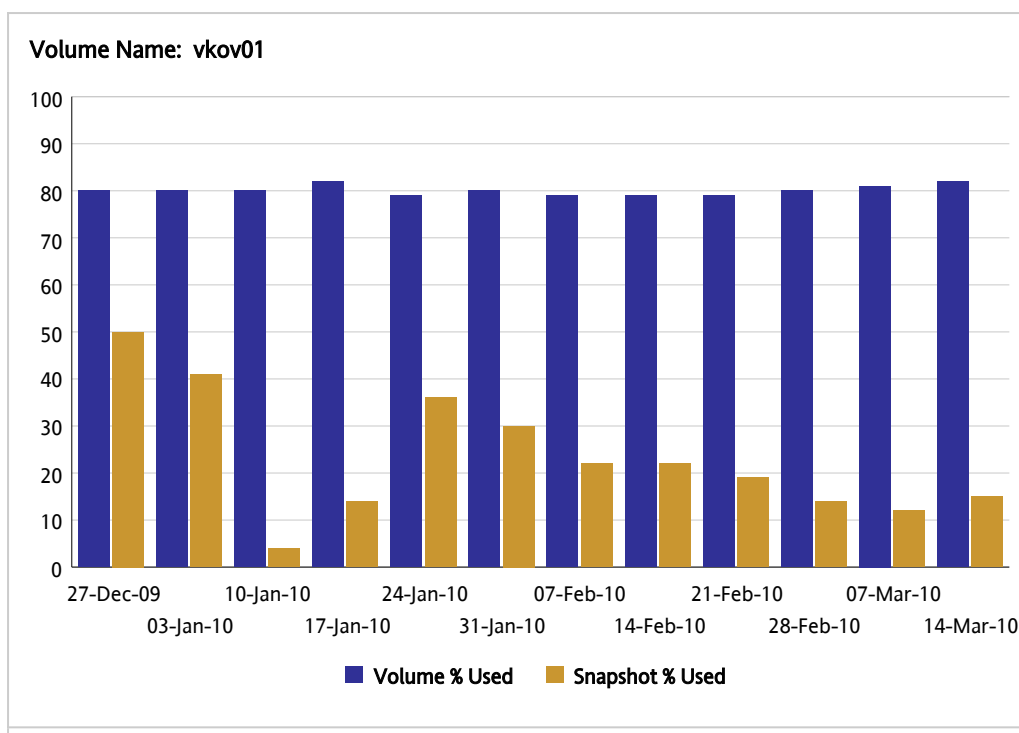
Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	227.00	52.00	175.00	23.00 %	77.00 %
aggr1	7,040.00	4,592.00	2,448.00	65.00 %	35.00 %

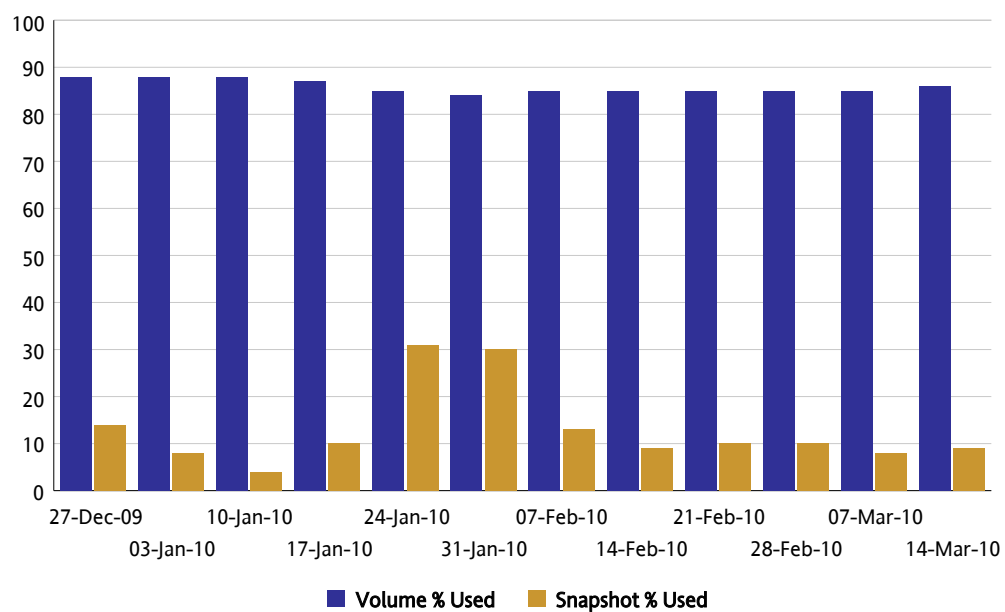
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	2.00	37.79	6.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	1.00	38.68	3.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	432.00	95.97	82.00 %	1.00 %
	vkov02	FLEX	ONLINE	528.00	454.00	74.23	86.00 %	1.00 %
	vkov03	FLEX	ONLINE	528.00	481.00	47.44	91.00 %	2.00 %
	vkov04	FLEX	ONLINE	528.00	474.00	54.45	90.00 %	2.00 %
	vkov05	FLEX	ONLINE	528.00	463.00	64.87	88.00 %	2.00 %
	vkov06	FLEX	ONLINE	528.00	464.00	63.73	88.00 %	2.00 %
	vkov07	FLEX	ONLINE	528.00	402.00	126.49	76.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	382.00	146.31	72.00 %	2.00 %
	vkov09	FLEX	ONLINE	528.00	343.00	185.20	65.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	452.00	76.18	86.00 %	1.00 %

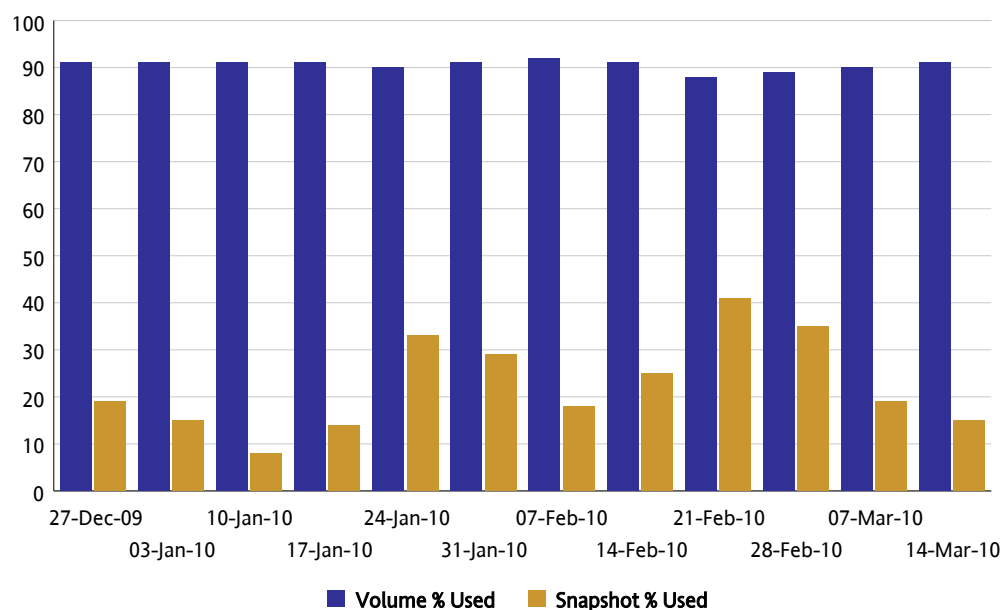
Disk Space Utilization



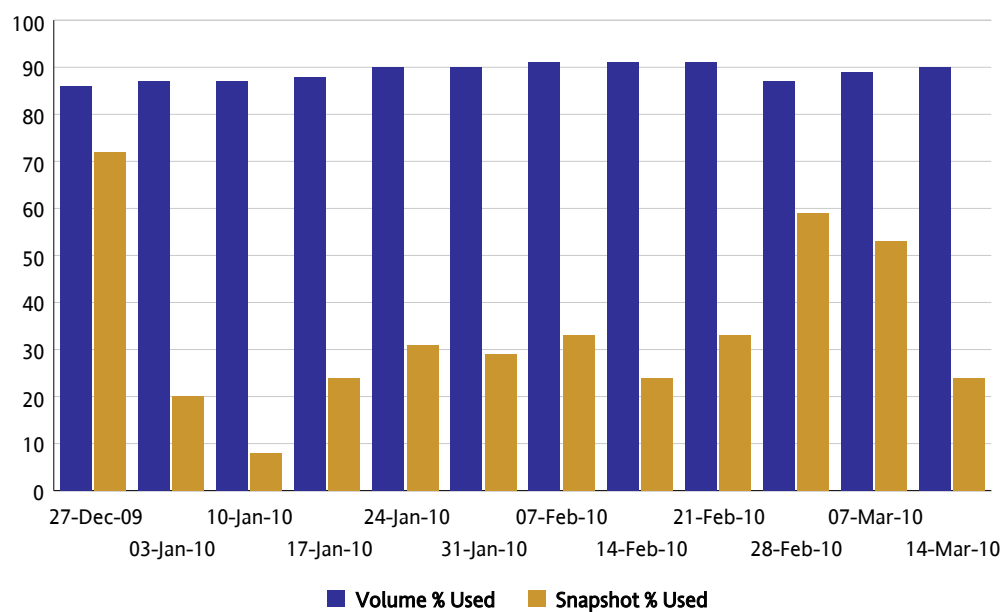
Volume Name: vkov02



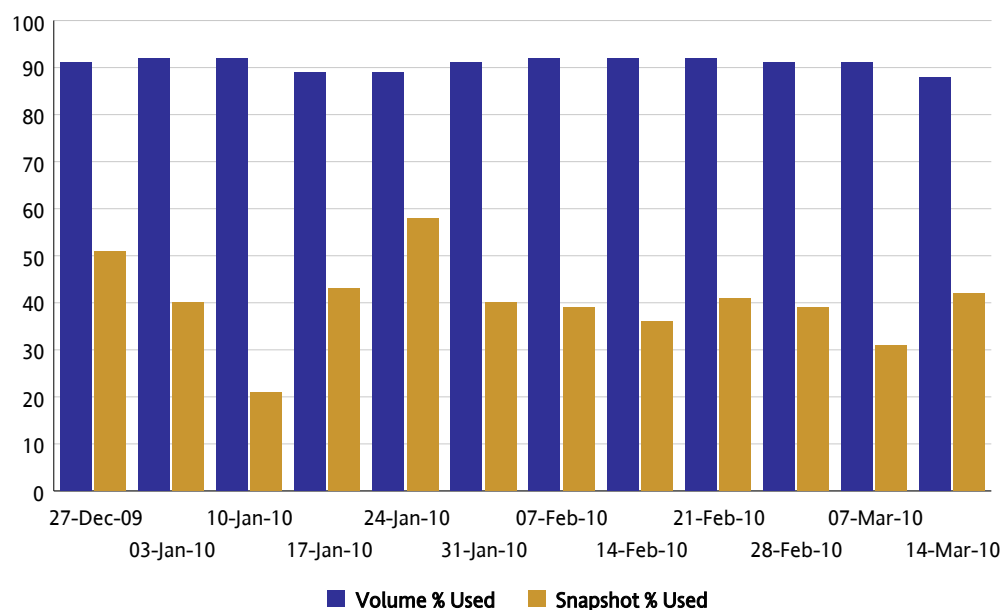
Volume Name: vkov03

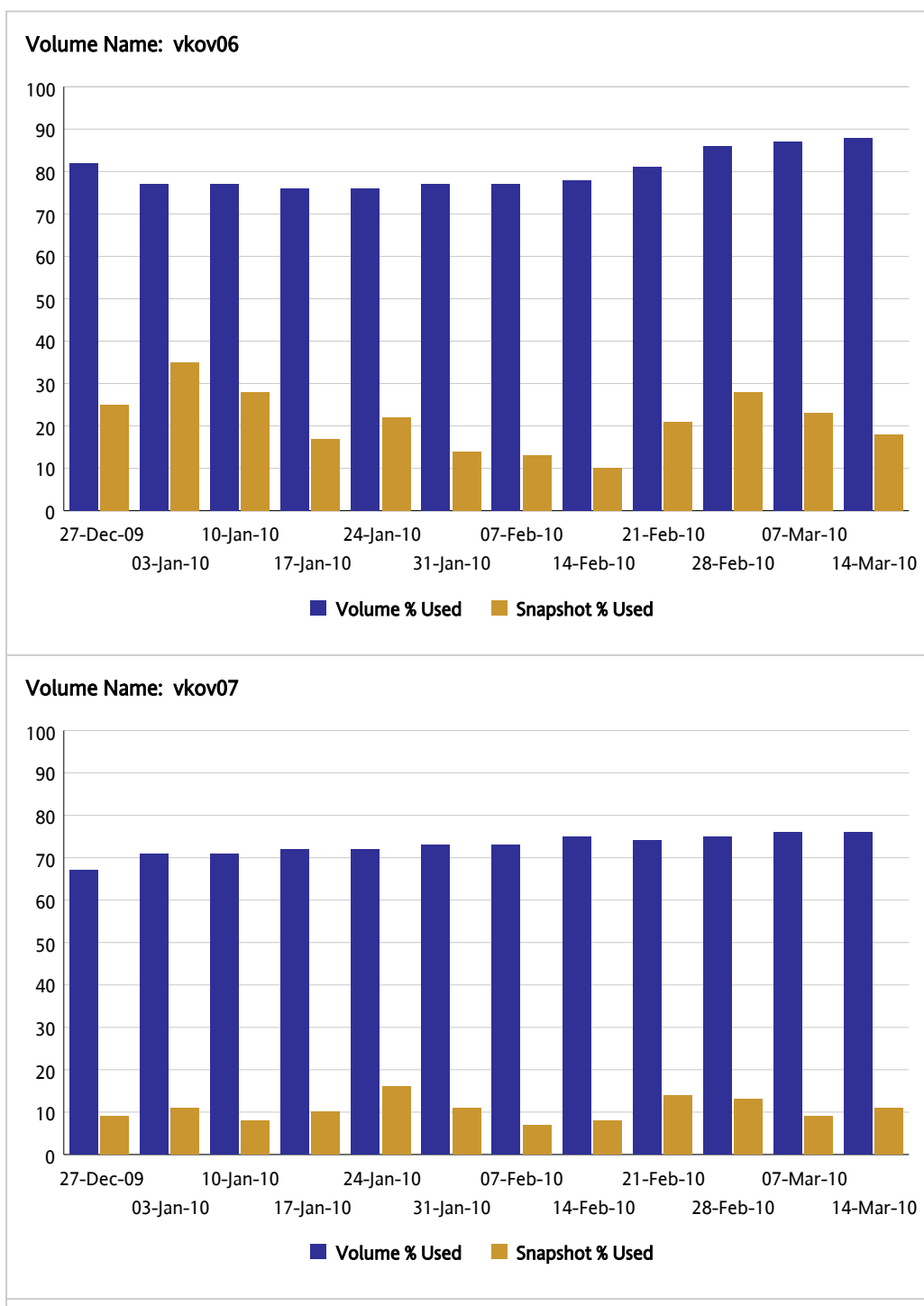


Volume Name: vkov04

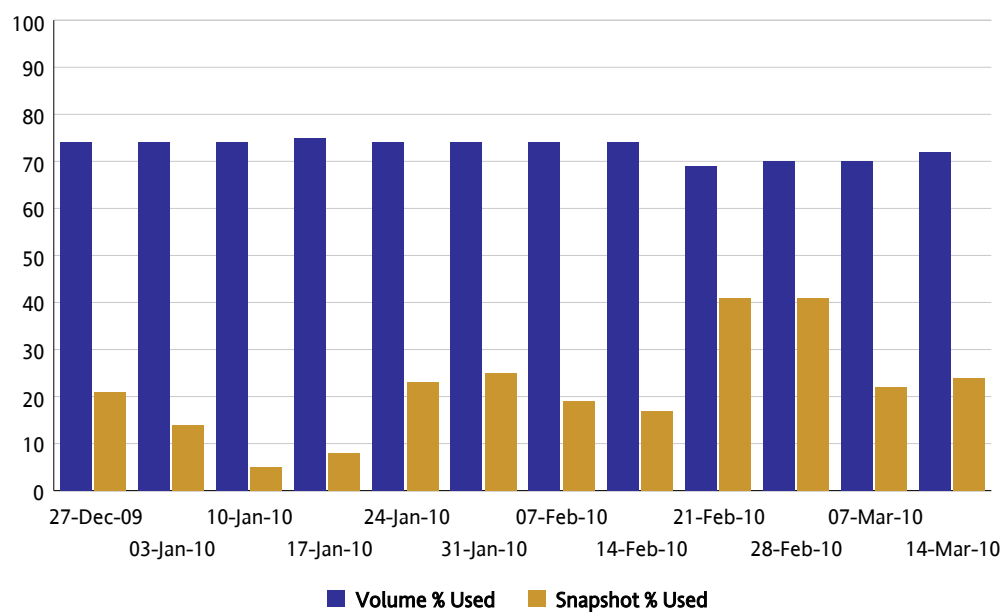


Volume Name: vkov05

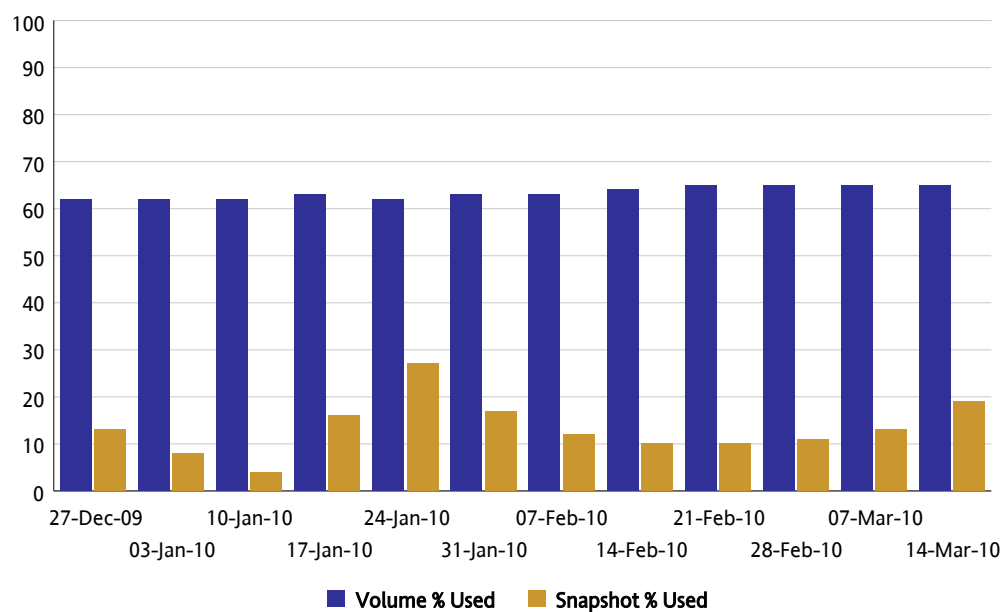


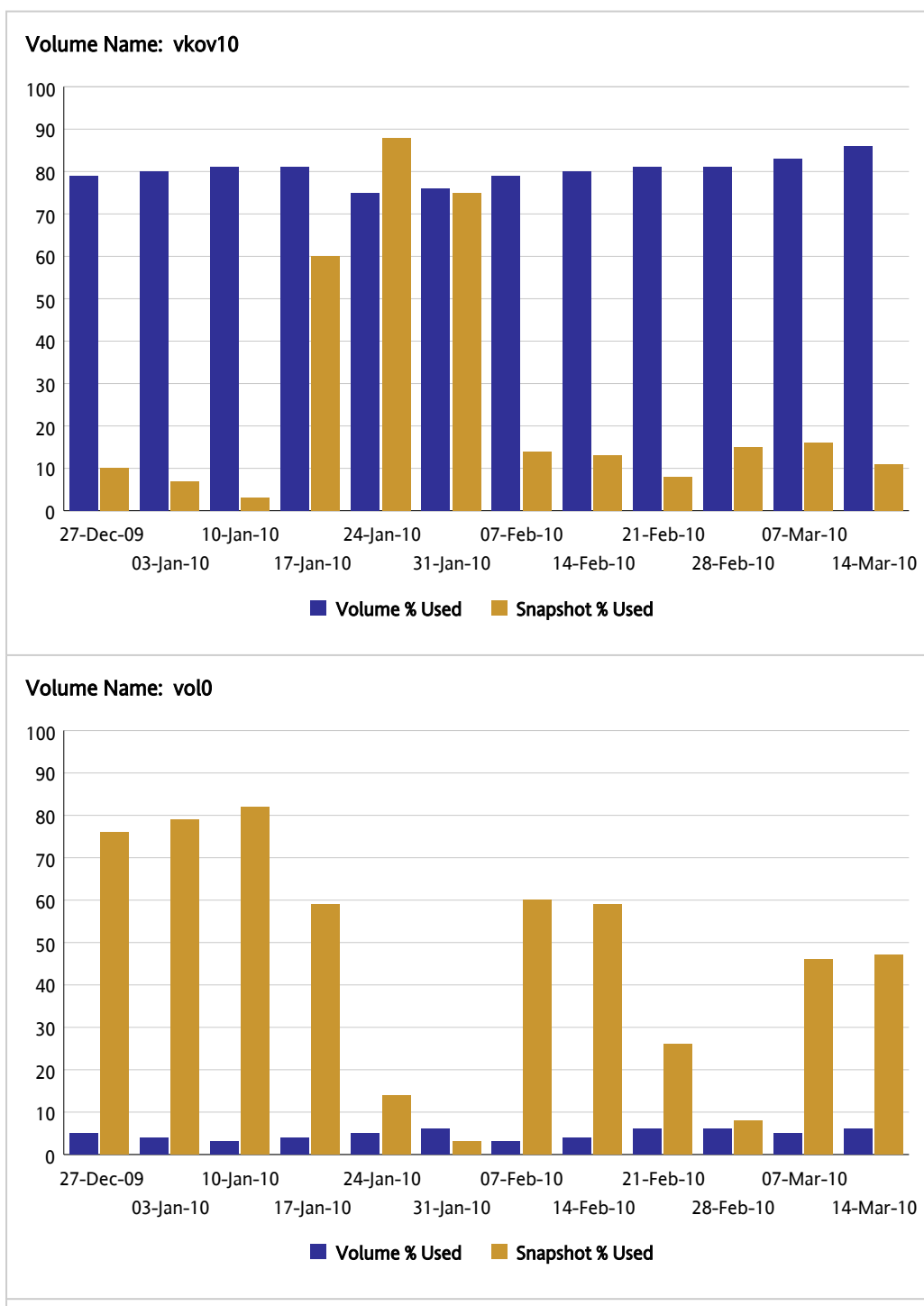


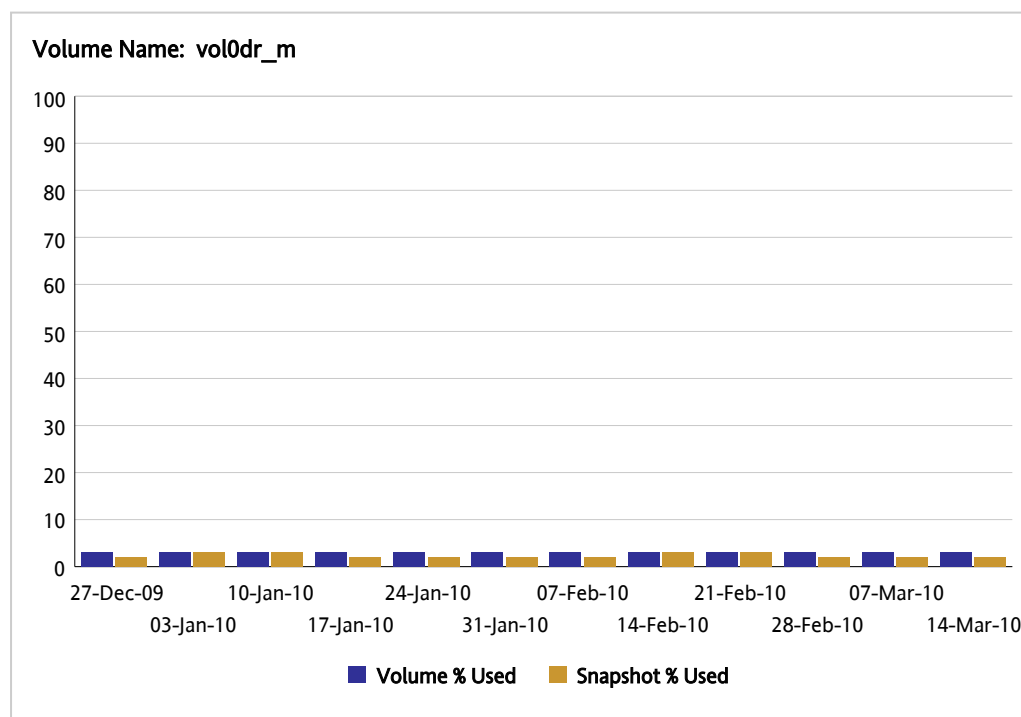
Volume Name: vkov08



Volume Name: vkov09







Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
		/vol/vol0dr_m/auditlog	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq049	NORMAL
		/vol/vkov01/ctiq050	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq051	NORMAL
		/vol/vkov02/ctiq052	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq053	NORMAL
		/vol/vkov03/ctiq054	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq055	NORMAL
		/vol/vkov04/ctiq056	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq057	NORMAL
		/vol/vkov05/ctiq058	NORMAL
	vkov06	/vol/vkov06/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov06	/vol/vkov06/ctiq059	NORMAL
		/vol/vkov06/ctiq060	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq061	NORMAL
		/vol/vkov07/ctiq062	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq063	NORMAL
		/vol/vkov08/ctiq064	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq067	NORMAL
		/vol/vkov09/ctiq068	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq099	NORMAL
		/vol/vkov10/ctiq100	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SNAPMIRRORED	vkocinas004	vkov01	vkocinas004dr	/vol/vkov01/-
SNAPMIRRORED	vkocinas004	vkov02	vkocinas004dr	/vol/vkov02/-
SNAPMIRRORED	vkocinas004	vkov03	vkocinas004dr	/vol/vkov03/-
SNAPMIRRORED	vkocinas004	vkov04	vkocinas004dr	/vol/vkov04/-
SNAPMIRRORED	vkocinas004	vkov05	vkocinas004dr	/vol/vkov05/-
SNAPMIRRORED	vkocinas004	vkov06	vkocinas004dr	/vol/vkov06/-
SNAPMIRRORED	vkocinas004	vkov07	vkocinas004dr	/vol/vkov07/-
SNAPMIRRORED	vkocinas004	vkov08	vkocinas004dr	/vol/vkov08/-
SNAPMIRRORED	vkocinas004	vkov09	vkocinas004dr	/vol/vkov09/-
SNAPMIRRORED	vkocinas004	vkov10	vkocinas004dr	/vol/vkov10/-
SNAPMIRRORED	vkocinas004	vol0	vkocinas004dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000	-	auto-1000t-	etv1	1,000	Full	Full	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
	Ethernet Controller VI		fd-up				Unknown	
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	iSCSI Port Name
0e	ONLINE		169.190.110.105	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
IPC	3399356	53.00%
login	545672	8.00%
logout	538102	8.00%
negprot	415808	6.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The “CIFS Stat” command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
tconX	539178	8.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipspace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas002dr
Serial Number: 2074924
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas001dr

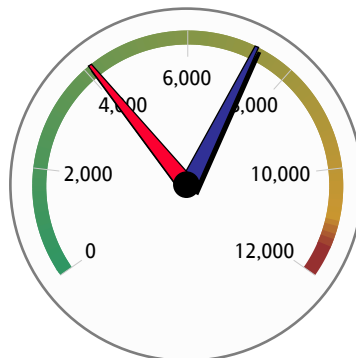
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

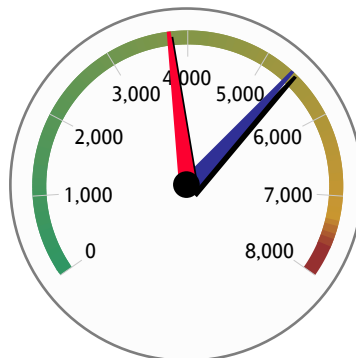
Component	Count
Shelves	3
Disk	42

Aggregate Utilization



■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	32
DPARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
PARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
SPARE	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	4
Summary							42

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	38
		aggr1	
rg1	RAID_DP	aggr1	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
	vkov06
	vkov07
	vkov08
	vkov09
	vkov10

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	28	2 13 13@0,12	20.00%	29.00%
vkov01	30	2 13 13@0,12	20.00%	22.00%
vkov02	30	2 13 13@0,12	20.00%	15.00%
vkov03	30	2 13 13@0,12	20.00%	76.00%
vkov04	30	2 13 13@0,12	20.00%	32.00%
vkov05	30	2 13 13@0,12	20.00%	14.00%
vkov06	30	2 13 13@0,12	20.00%	15.00%
vkov07	30	2 13 13@0,12	20.00%	26.00%
vkov08	30	2 13 13@0,12	20.00%	23.00%
vkov09	30	2 13 13@0,12	20.00%	9.00%
vkov10	30	2 13 13@0,12	20.00%	0.00%
vol0dr_m	30	2 13 13@0,12	20.00%	3.00%

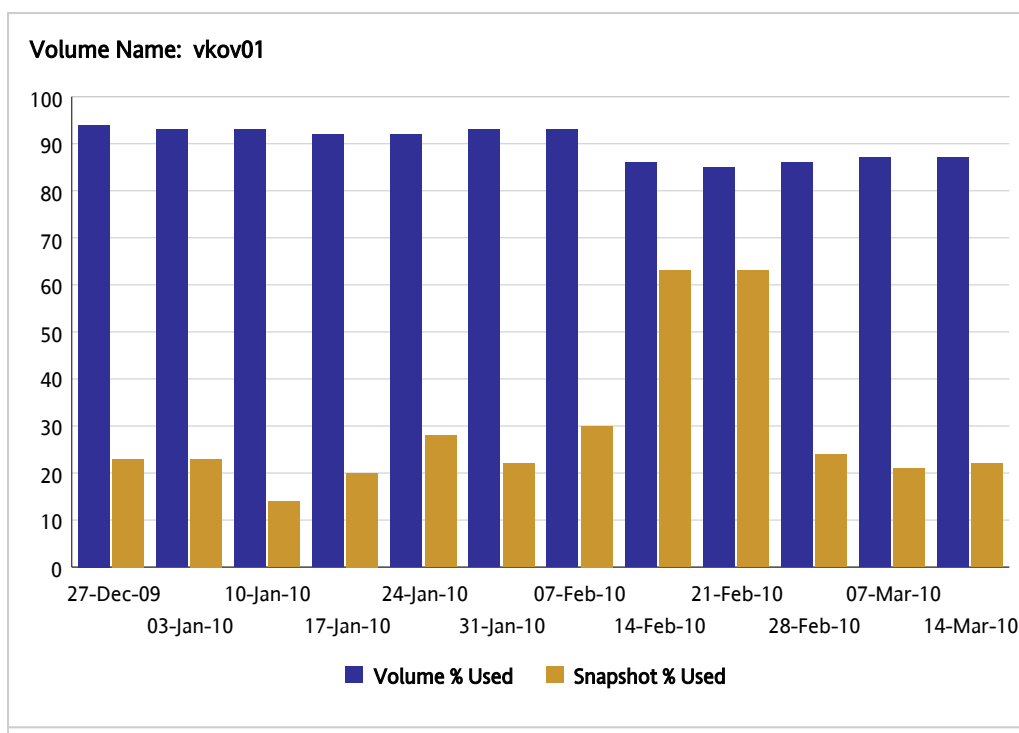
Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	227.00	54.00	173.00	24.00 %	76.00 %
aggr1	7,040.00	4,074.00	2,966.00	58.00 %	42.00 %

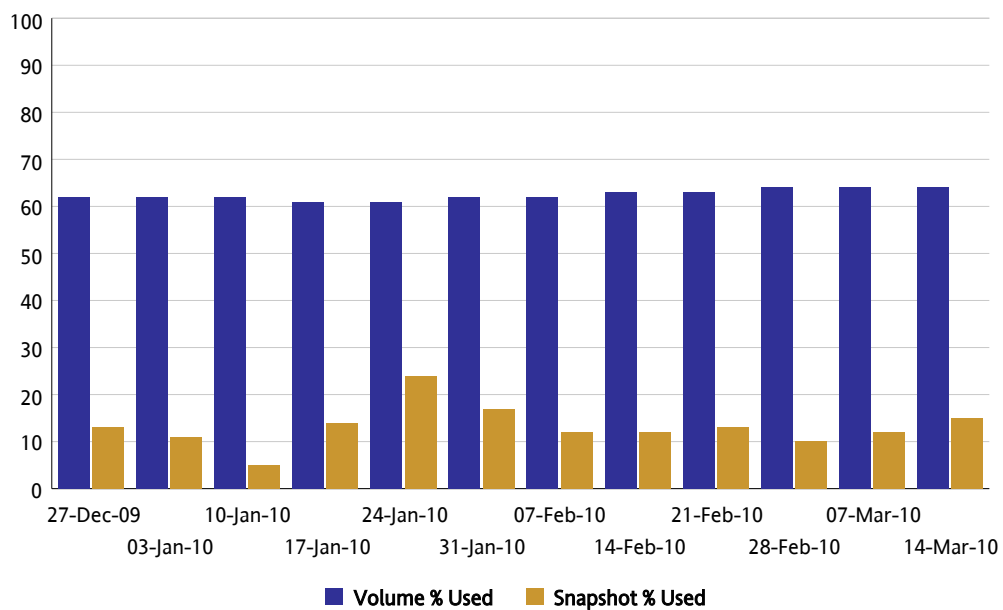
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	2.00	38.11	5.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	3.00	36.59	9.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	461.00	67.45	87.00 %	2.00 %
	vkov02	FLEX	ONLINE	528.00	339.00	189.20	64.00 %	2.00 %
	vkov03	FLEX	ONLINE	528.00	448.00	80.45	85.00 %	2.00 %
	vkov04	FLEX	ONLINE	528.00	437.00	90.97	83.00 %	2.00 %
	vkov05	FLEX	ONLINE	528.00	492.00	35.84	93.00 %	1.00 %
	vkov06	FLEX	ONLINE	528.00	414.00	114.04	78.00 %	1.00 %
	vkov07	FLEX	ONLINE	528.00	475.00	53.33	90.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	445.00	83.05	84.00 %	2.00 %
	vkov09	FLEX	ONLINE	528.00	254.00	273.88	48.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	4.00	523.96	1.00 %	0.00 %

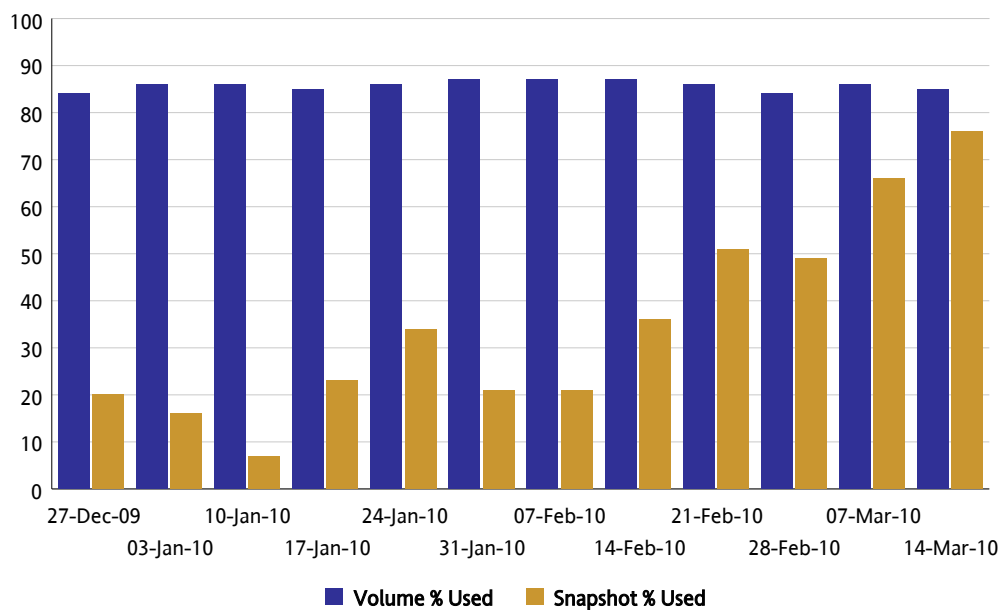
Disk Space Utilization

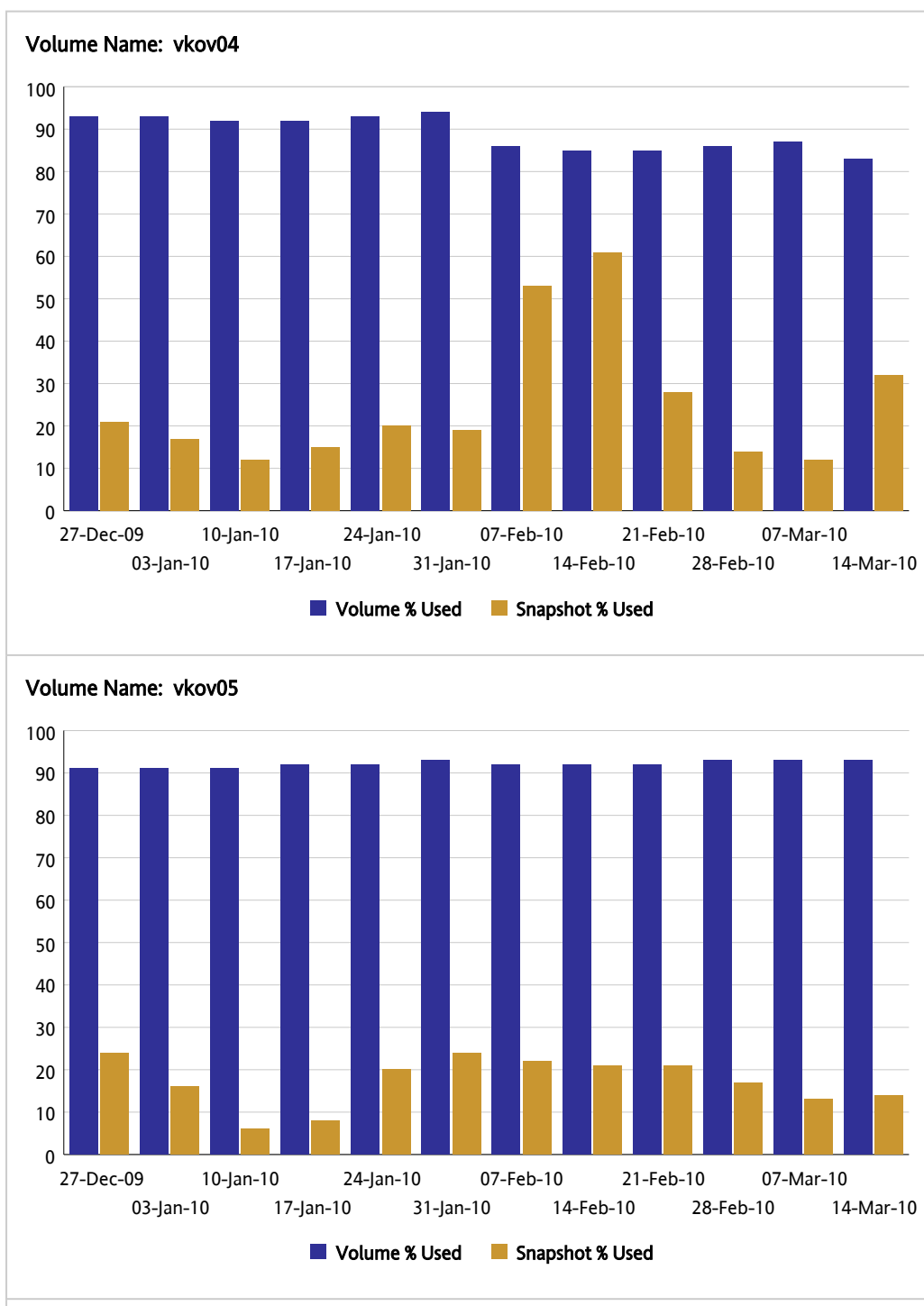


Volume Name: vkov02

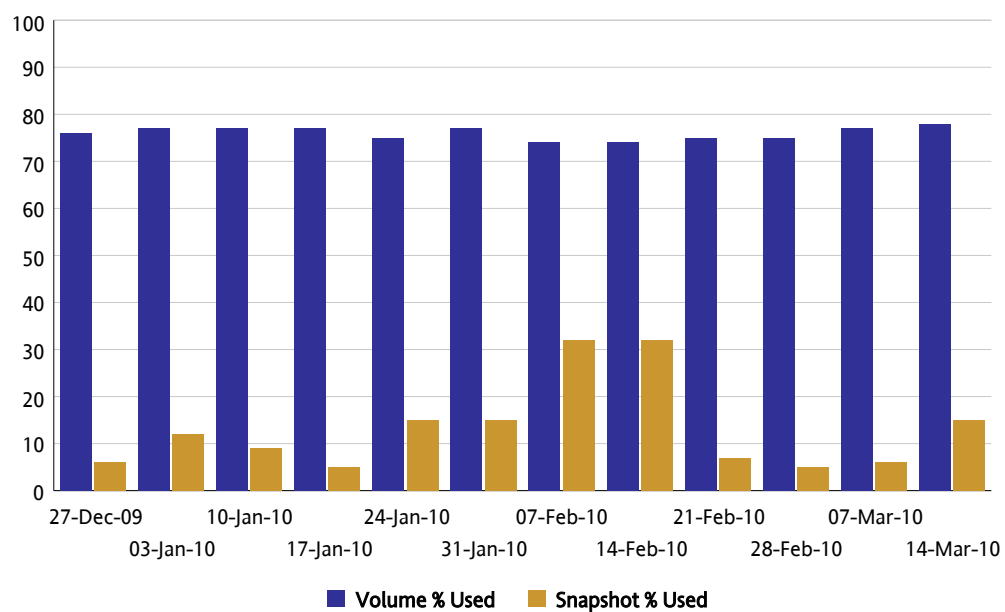


Volume Name: vkov03

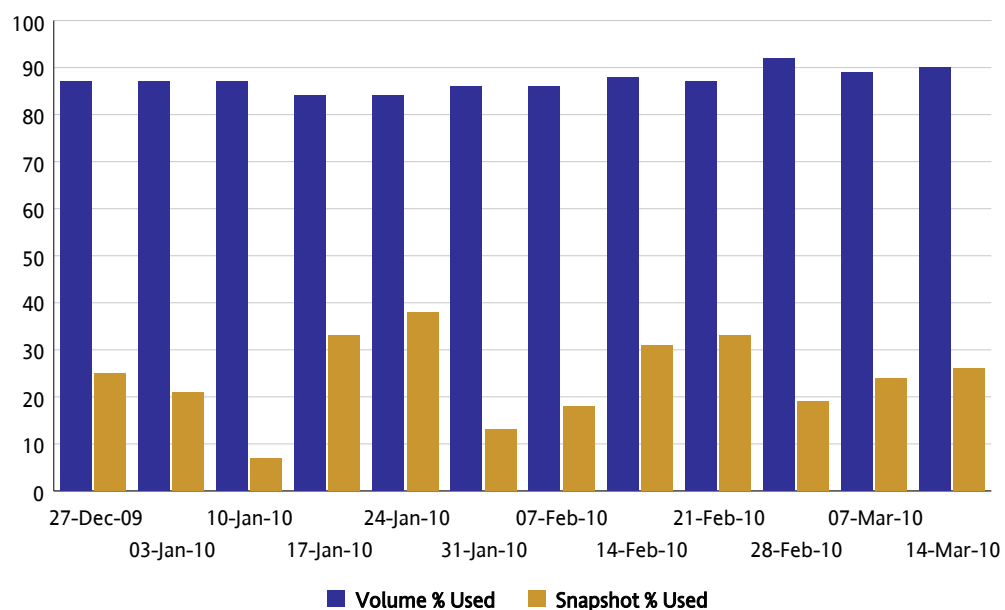




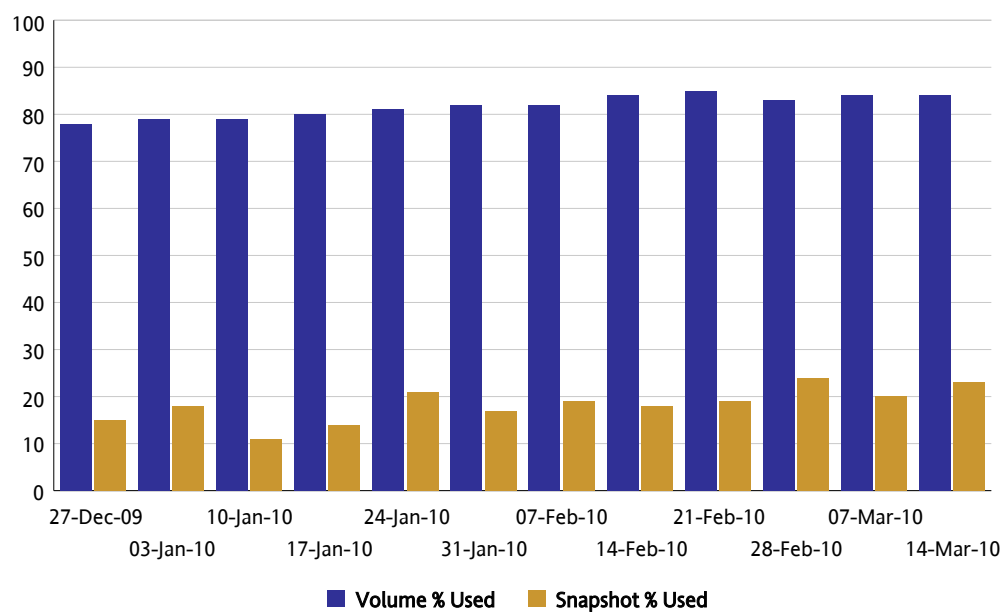
Volume Name: vkov06



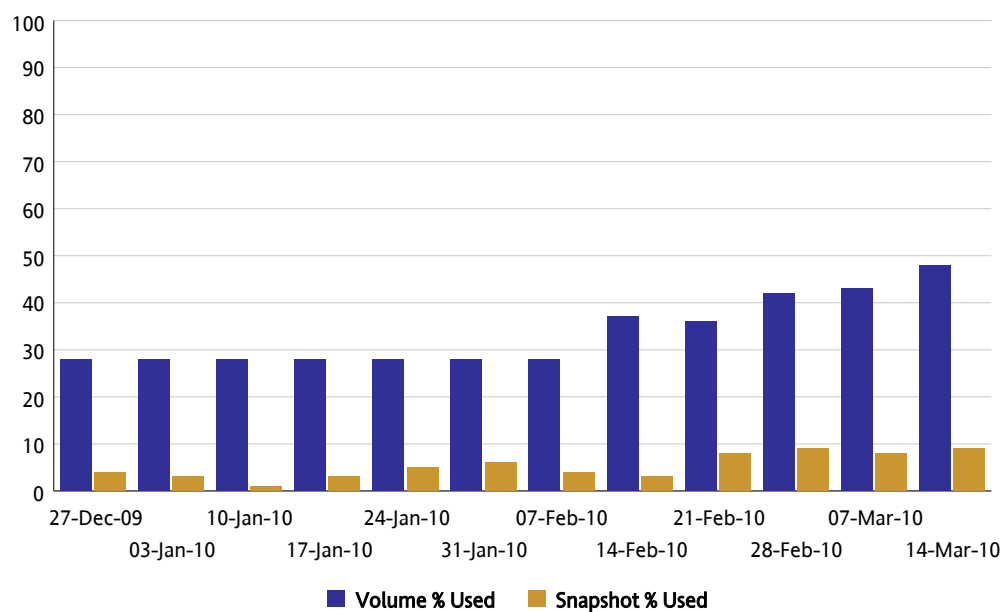
Volume Name: vkov07



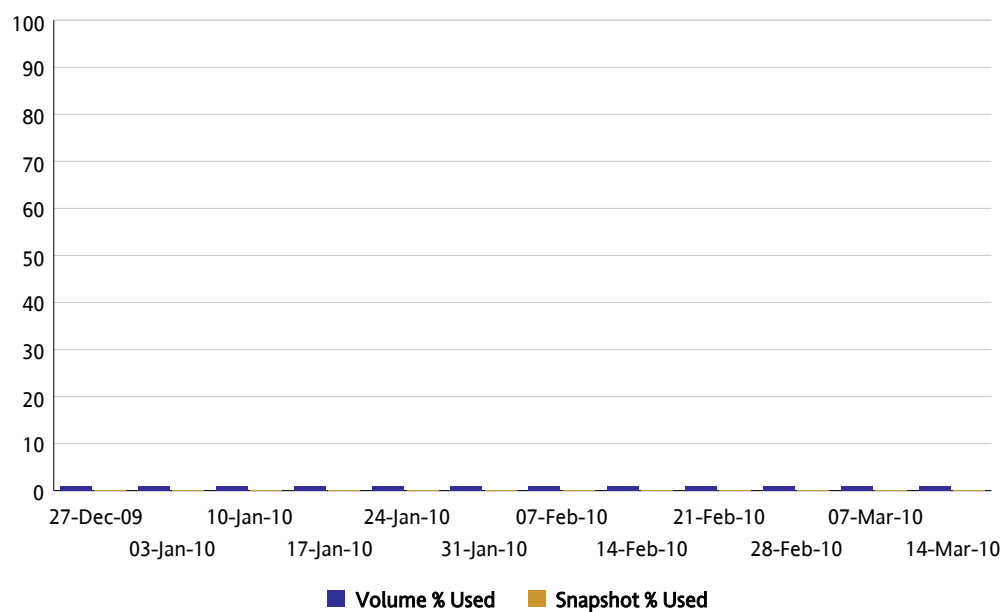
Volume Name: vkov08



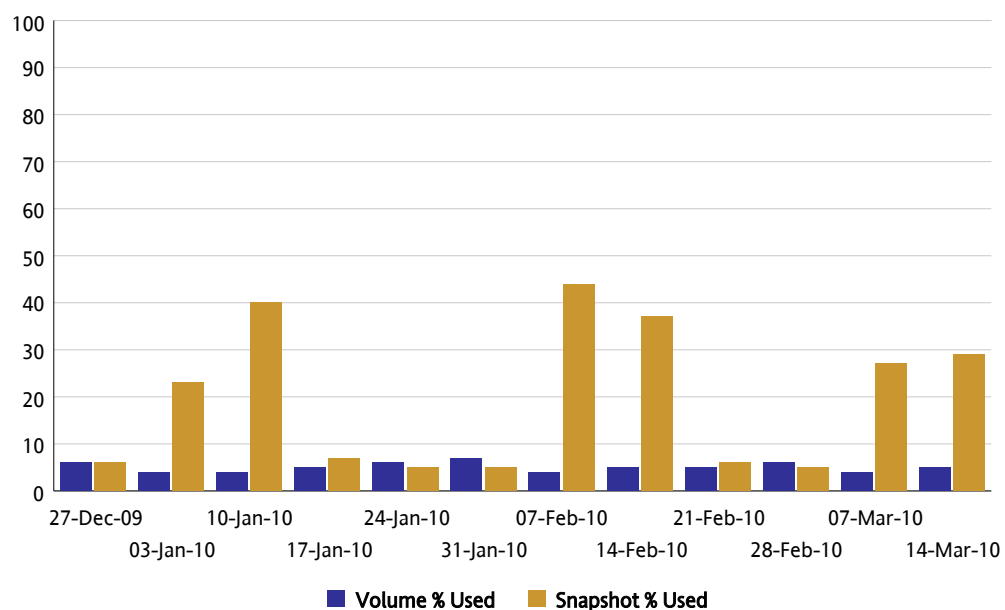
Volume Name: vkov09

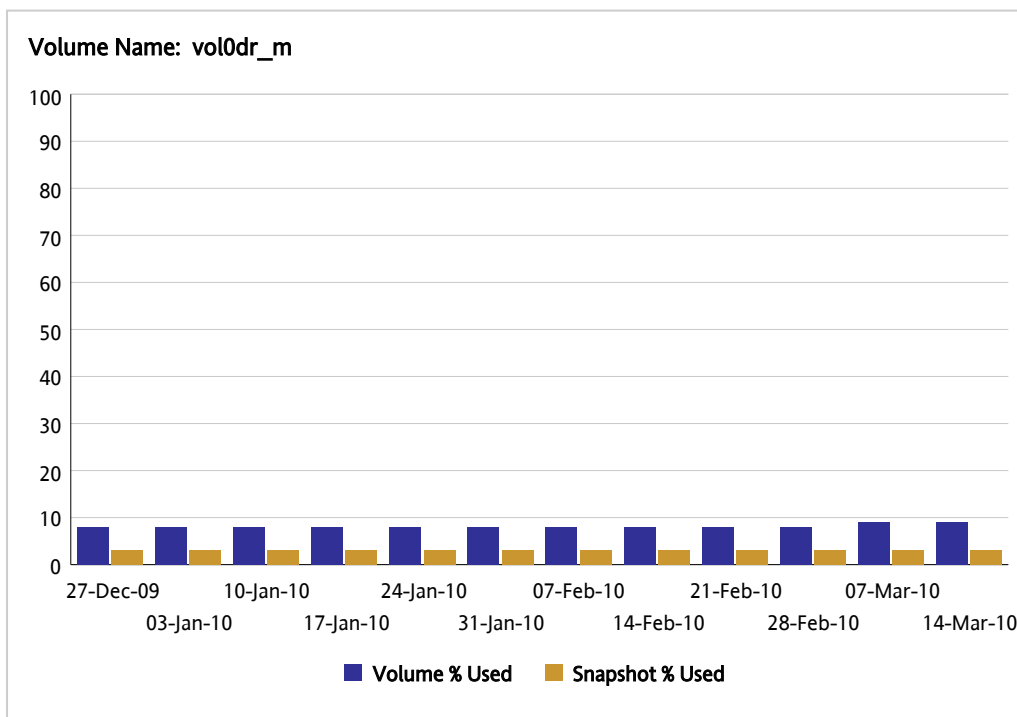


Volume Name: vkov10



Volume Name: vol0





Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
		/vol/vol0dr_m/auditlog	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq017	NORMAL
		/vol/vkov01/ctiq018	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq019	NORMAL
		/vol/vkov02/ctiq020	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq021	NORMAL
		/vol/vkov03/ctiq022	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq023	NORMAL
		/vol/vkov04/ctiq024	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq025	NORMAL
		/vol/vkov05/ctiq026	NORMAL
	vkov06	/vol/vkov06/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov06	/vol/vkov06/ctiq027	NORMAL
		/vol/vkov06/ctiq028	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq029	NORMAL
		/vol/vkov07/ctiq030	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq031	NORMAL
		/vol/vkov08/ctiq032	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq065	NORMAL
		/vol/vkov09/ctiq066	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq097	NORMAL
		/vol/vkov10/ctiq098	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SNAPMIRRORED	vkocinas002	vkov01	vkocinas002dr	/vol/vkov01/-
SNAPMIRRORED	vkocinas002	vkov02	vkocinas002dr	/vol/vkov02/-
SNAPMIRRORED	vkocinas002	vkov03	vkocinas002dr	/vol/vkov03/-
SNAPMIRRORED	vkocinas002	vkov04	vkocinas002dr	/vol/vkov04/-
SNAPMIRRORED	vkocinas002	vkov05	vkocinas002dr	/vol/vkov05/-
SNAPMIRRORED	vkocinas002	vkov06	vkocinas002dr	/vol/vkov06/-
SNAPMIRRORED	vkocinas002	vkov07	vkocinas002dr	/vol/vkov07/-
SNAPMIRRORED	vkocinas002	vkov08	vkocinas002dr	/vol/vkov08/-
SNAPMIRRORED	vkocinas002	vkov09	vkocinas002dr	/vol/vkov09/-
SNAPMIRRORED	vkocinas002	vkov10	vkocinas002dr	/vol/vkov10/-
SNAPMIRRORED	vkocinas002	vol0	vkocinas002dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000	-	auto-1000t-	etv1	1,000	Full	Full	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
	Ethernet Controller VI		fd-up				Unknown	
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	iSCSI Port Name
0e	ONLINE		169.190.126.40	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
IPC	3051350	70.00%
login	186230	4.00%
logout	184064	4.00%
readX	171395	4.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The “CIFS Stat” command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
tconX	185195	4.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipspace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas002
Serial Number: 2074927
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas001

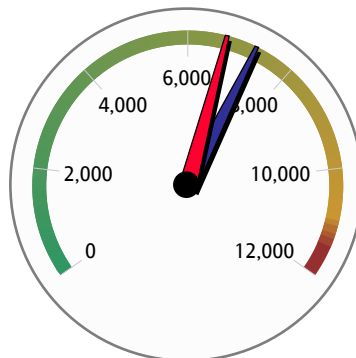
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

Component	Count
Shelves	3
Disk	42

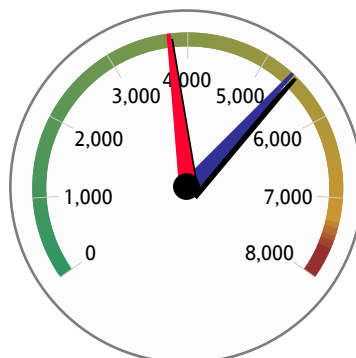
Aggregate Utilization



6,707 Agg GB used out of 7,267 total Agg GB

■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



3,772 Vol GB used out of 5,360 total Vol GB

■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.ssmb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	32
DPARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
PARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
SPARE	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	4
Summary							42

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	38
		aggr1	
rg1	RAID_DP	aggr1	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
	vkov06
	vkov07
	vkov08
	vkov09
	vkov10

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	29	2 13 13@0,12	20.00%	4.00%
vkov01	29	2 13 13@0,12	20.00%	22.00%
vkov02	29	2 13 13@0,12	20.00%	15.00%
vkov03	29	2 13 13@0,12	20.00%	76.00%
vkov04	29	2 13 13@0,12	20.00%	32.00%
vkov05	29	2 13 13@0,12	20.00%	14.00%
vkov06	29	2 13 13@0,12	20.00%	15.00%
vkov07	29	2 13 13@0,12	20.00%	26.00%
vkov08	29	2 13 13@0,12	20.00%	23.00%
vkov09	29	2 13 13@0,12	20.00%	9.00%
vkov10	29	2 13 13@0,12	20.00%	0.00%
vol0dr_m	28	2 13 13@0,12	20.00%	0.00%

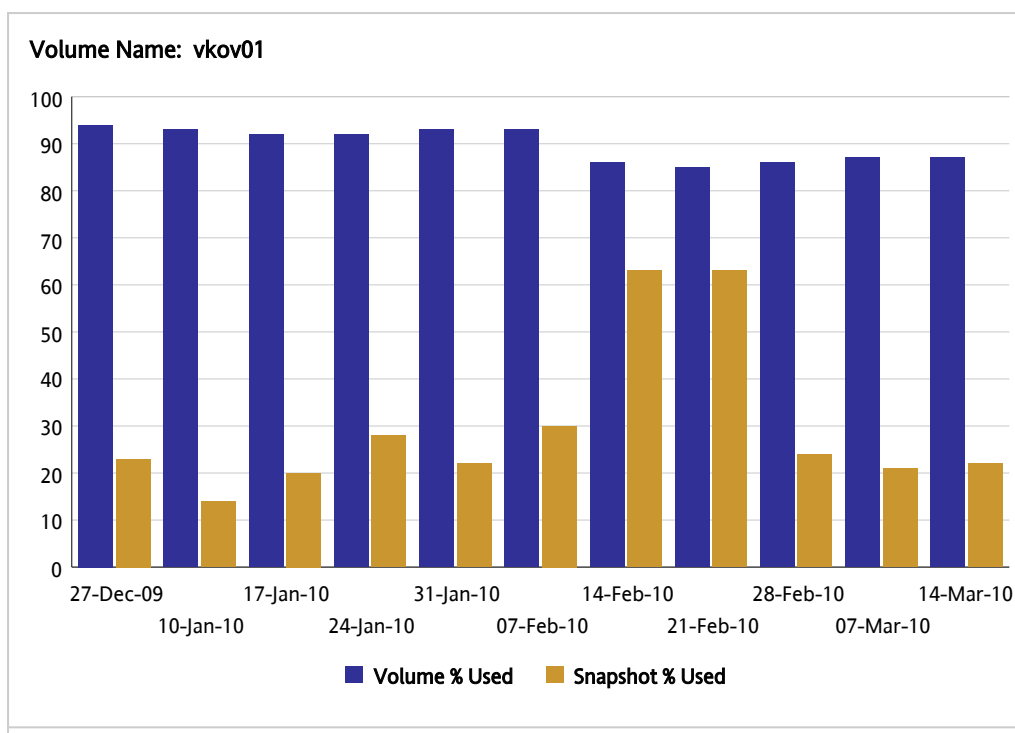
Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	227.00	100.00	127.00	44.00 %	56.00 %
aggr1	7,040.00	6,607.00	433.00	94.00 %	6.00 %

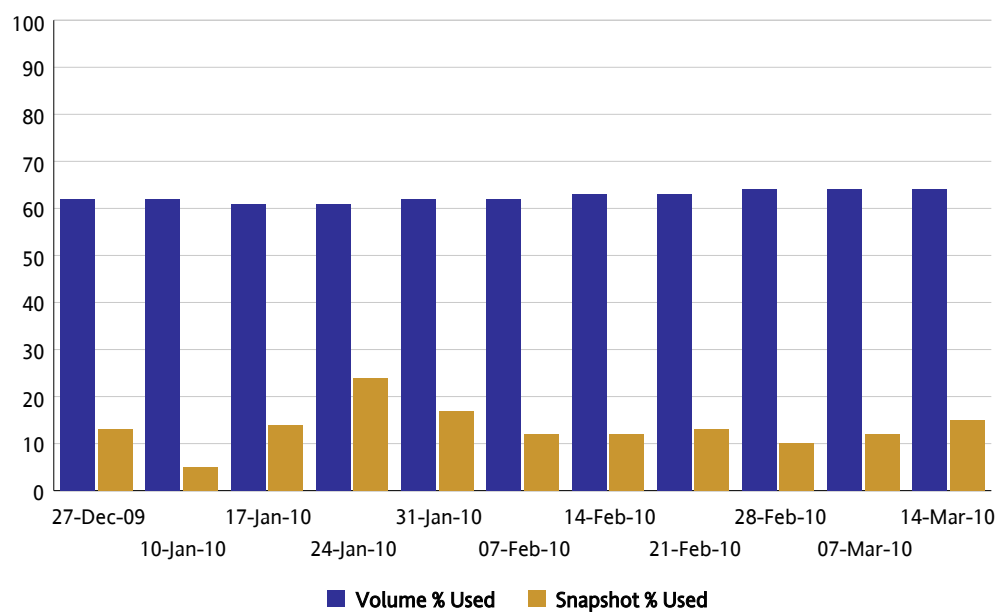
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	3.00	36.63	8.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	0.00	40.00	0.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	461.00	67.45	87.00 %	2.00 %
	vkov02	FLEX	ONLINE	528.00	339.00	189.20	64.00 %	2.00 %
	vkov03	FLEX	ONLINE	528.00	448.00	80.45	85.00 %	2.00 %
	vkov04	FLEX	ONLINE	528.00	437.00	90.97	83.00 %	2.00 %
	vkov05	FLEX	ONLINE	528.00	492.00	35.84	93.00 %	1.00 %
	vkov06	FLEX	ONLINE	528.00	414.00	114.04	78.00 %	1.00 %
	vkov07	FLEX	ONLINE	528.00	475.00	53.33	90.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	445.00	83.05	84.00 %	2.00 %
	vkov09	FLEX	ONLINE	528.00	254.00	273.88	48.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	4.00	523.96	1.00 %	0.00 %

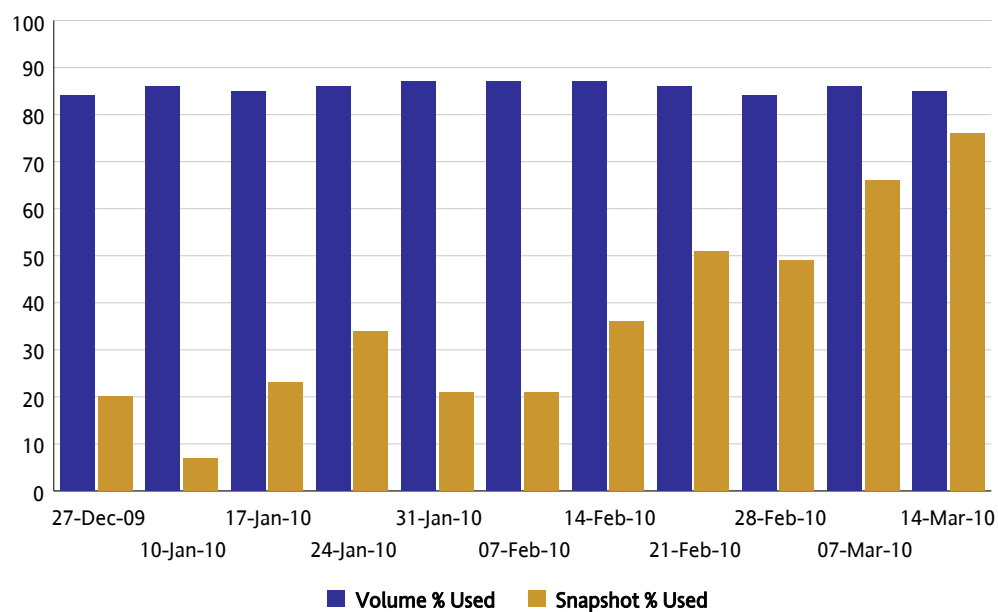
Disk Space Utilization



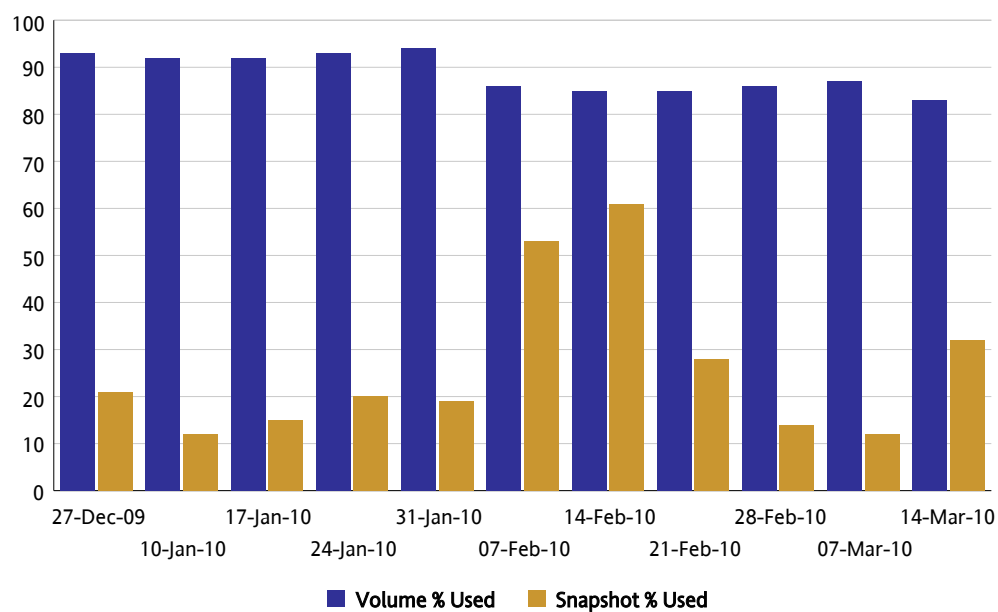
Volume Name: vkov02



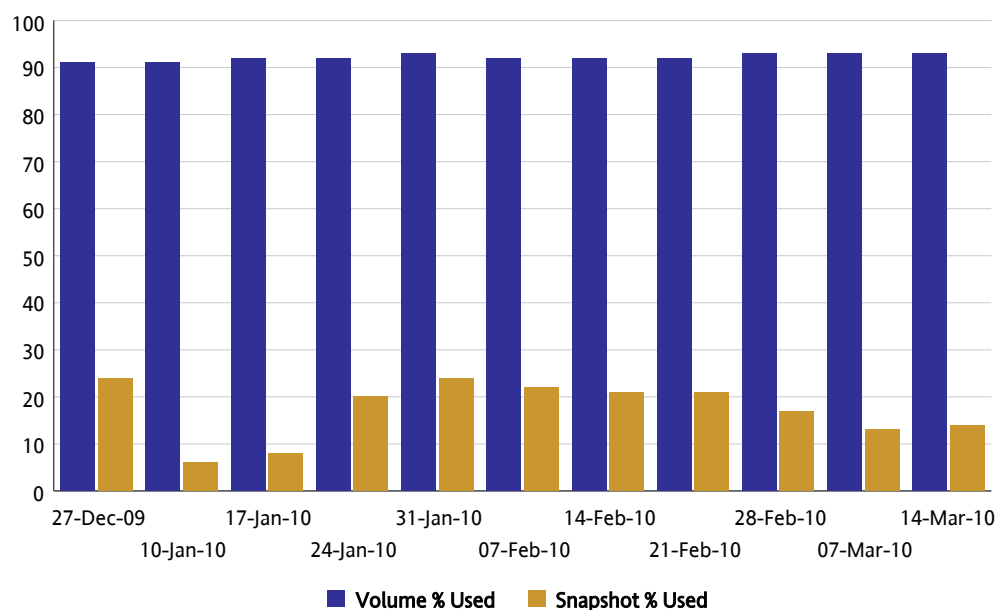
Volume Name: vkov03



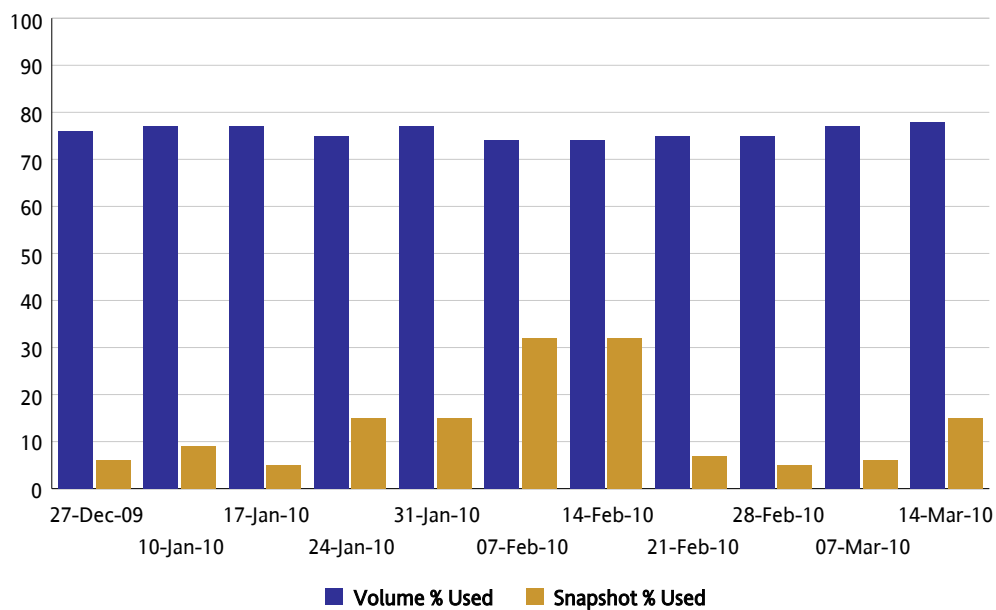
Volume Name: vkov04



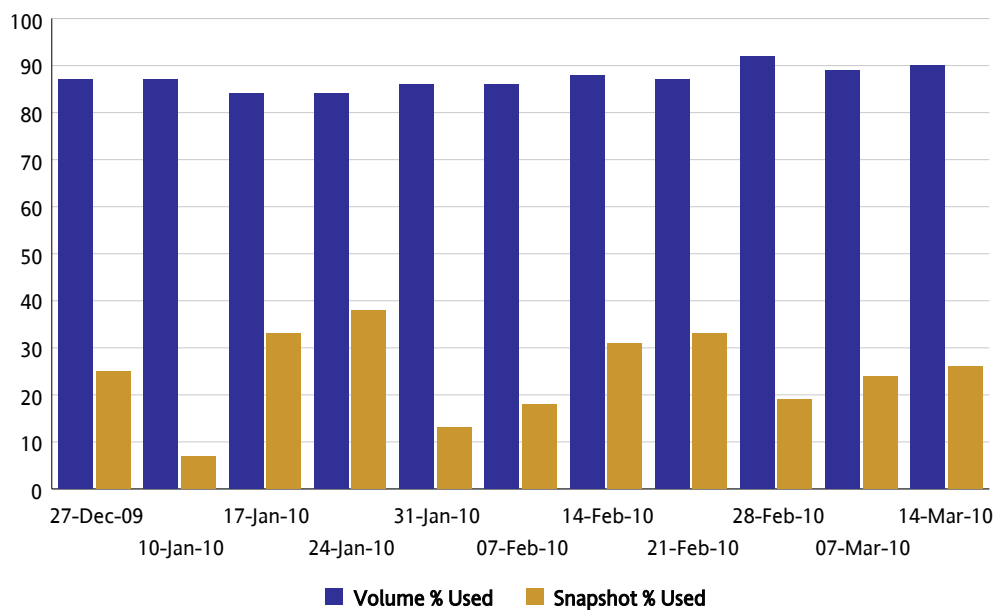
Volume Name: vkov05

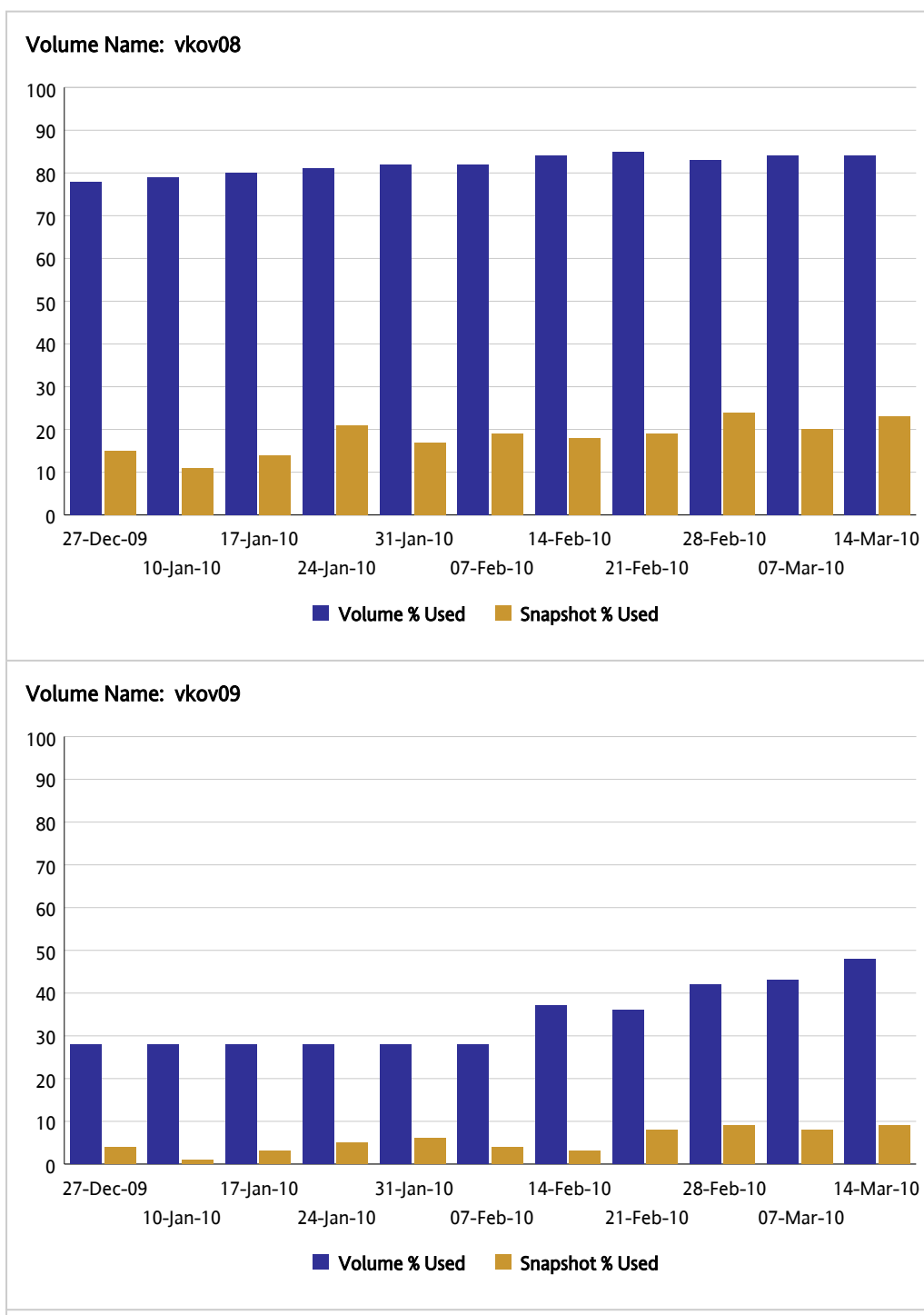


Volume Name: vkov06

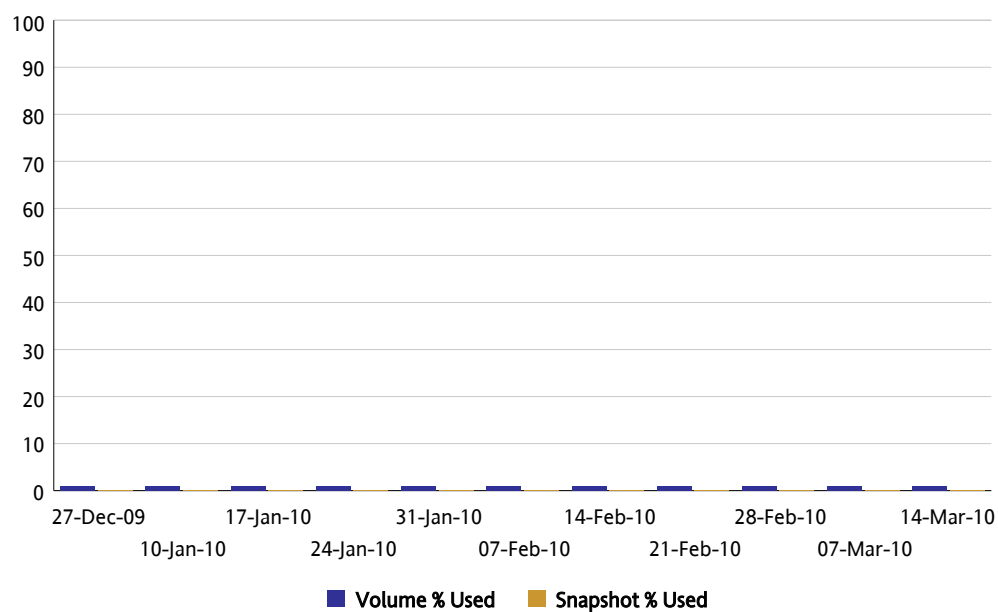


Volume Name: vkov07

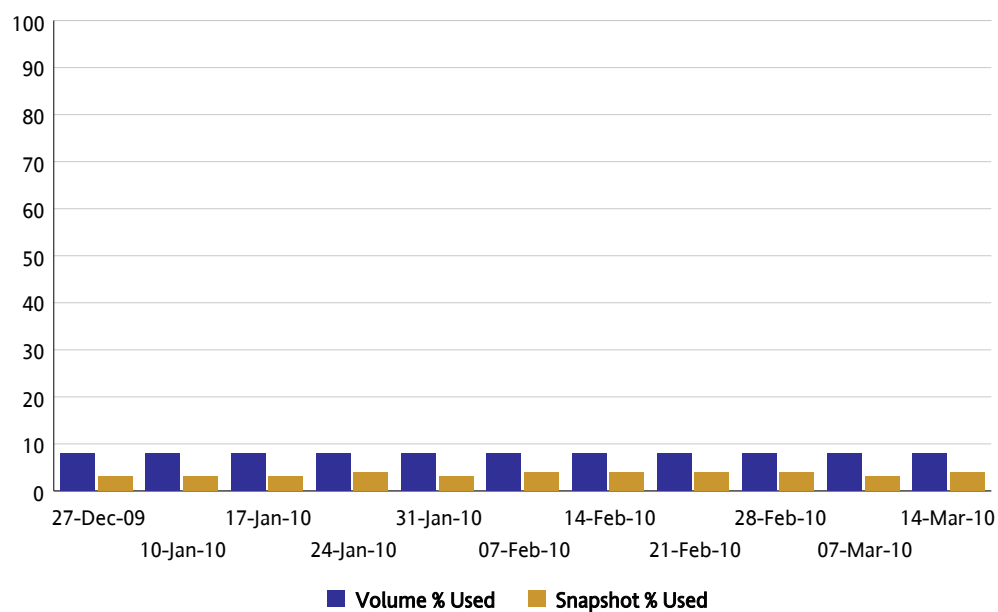


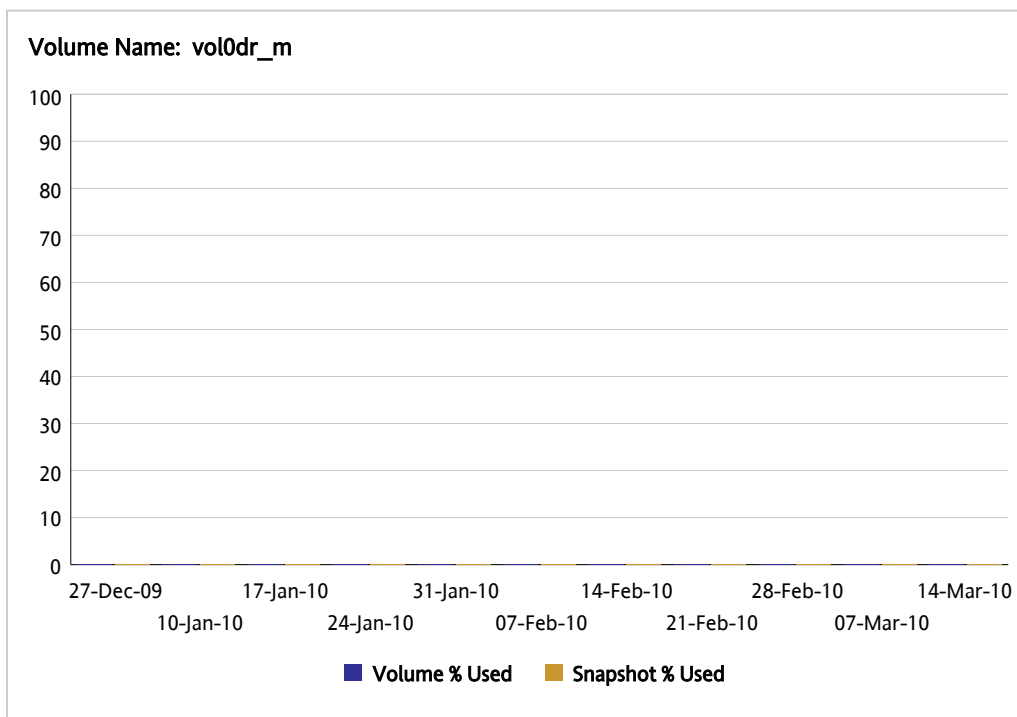


Volume Name: vkov10



Volume Name: vol0





Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq017	NORMAL
		/vol/vkov01/ctiq018	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq019	NORMAL
		/vol/vkov02/ctiq020	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq021	NORMAL
		/vol/vkov03/ctiq022	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq023	NORMAL
		/vol/vkov04/ctiq024	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq025	NORMAL
		/vol/vkov05/ctiq026	NORMAL
	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq027	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov06	/vol/vkov06/ctiq028	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq029	NORMAL
		/vol/vkov07/ctiq030	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq031	NORMAL
		/vol/vkov08/ctiq032	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq065	NORMAL
		/vol/vkov09/ctiq066	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq097	NORMAL
		/vol/vkov10/ctiq098	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SOURCE	vkocinas002	/vol/vkov01/-	vkocinas002dr	/vol/vkov01/-
SOURCE	vkocinas002	/vol/vkov02/-	vkocinas002dr	/vol/vkov02/-
SOURCE	vkocinas002	/vol/vkov03/-	vkocinas002dr	/vol/vkov03/-
SOURCE	vkocinas002	/vol/vkov04/-	vkocinas002dr	/vol/vkov04/-
SOURCE	vkocinas002	/vol/vkov05/-	vkocinas002dr	/vol/vkov05/-
SOURCE	vkocinas002	/vol/vkov06/-	vkocinas002dr	/vol/vkov06/-
SOURCE	vkocinas002	/vol/vkov07/-	vkocinas002dr	/vol/vkov07/-
SOURCE	vkocinas002	/vol/vkov08/-	vkocinas002dr	/vol/vkov08/-
SOURCE	vkocinas002	/vol/vkov09/-	vkocinas002dr	/vol/vkov09/-
SOURCE	vkocinas002	/vol/vkov10/-	vkocinas002dr	/vol/vkov10/-
SOURCE	vkocinas002	/vol/vol0/-	vkocinas002dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	iSCSI Port Name
0e	ONLINE		169.190.110.103	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
NTCreateX	183850019	2.00%
query_file_info	4159742829	38.00%
query_path_info	971717541	9.00%
readX	1221296835	11.00%
writeX	3886797048	36.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipospace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas004
Serial Number: 2074928
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas003

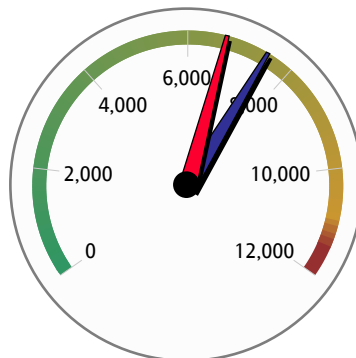
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

Component	Count
Shelves	3
Disk	42

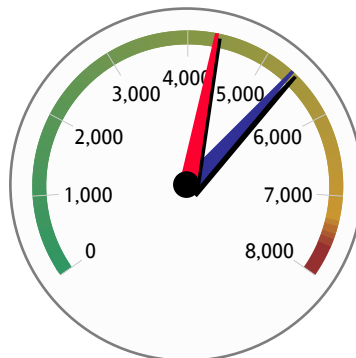
Aggregate Utilization



6,708 Agg GB used out of 7,494 total Agg GB

■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



4,348 Vol GB used out of 5,360 total Vol GB

■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	33
DPARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
PARITY	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	3
SPARE	X276_FAL9E288F10 NETAPP	NA05 NA05		272.00	520	DS14-Mk4-FC	2
SPARE	X276_S10K7288F10 NETAPP	NA07 NA07		272.00	520	DS14-Mk4-FC	1
Summary							42

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1
DS14-Mk4-FC	ESH4	13	13	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	39
		aggr1	
rg1	RAID_DP	aggr1	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
	vkov06
	vkov07
	vkov08
	vkov09
	vkov10

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	29	2 13 13@0,12	20.00%	3.00%
vkov01	29	2 13 13@0,12	20.00%	15.00%
vkov02	29	2 13 13@0,12	20.00%	9.00%
vkov03	29	2 13 13@0,12	20.00%	15.00%
vkov04	29	2 13 13@0,12	20.00%	24.00%
vkov05	29	2 13 13@0,12	20.00%	42.00%
vkov06	29	2 13 13@0,12	20.00%	18.00%
vkov07	29	2 13 13@0,12	20.00%	11.00%
vkov08	29	2 13 13@0,12	20.00%	24.00%
vkov09	30	2 13 13@0,12	20.00%	19.00%
vkov10	29	2 13 13@0,12	20.00%	11.00%
vol0dr_m	28	2 13 13@0,12	20.00%	0.00%

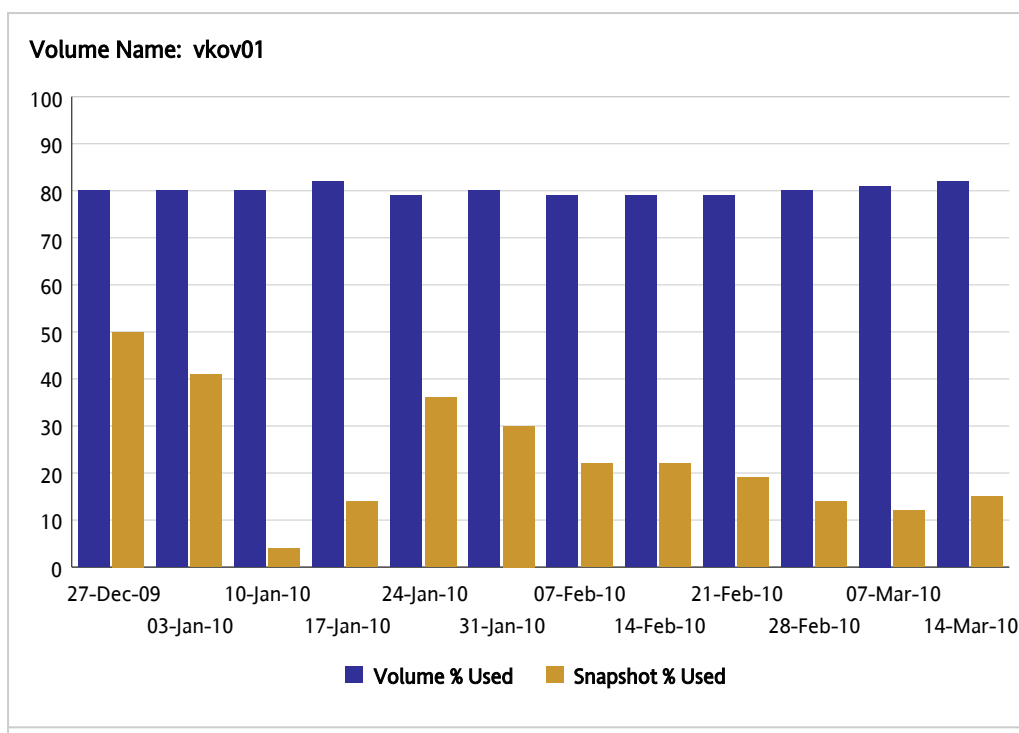
Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	227.00	100.00	127.00	44.00 %	56.00 %
aggr1	7,267.00	6,608.00	659.00	91.00 %	9.00 %

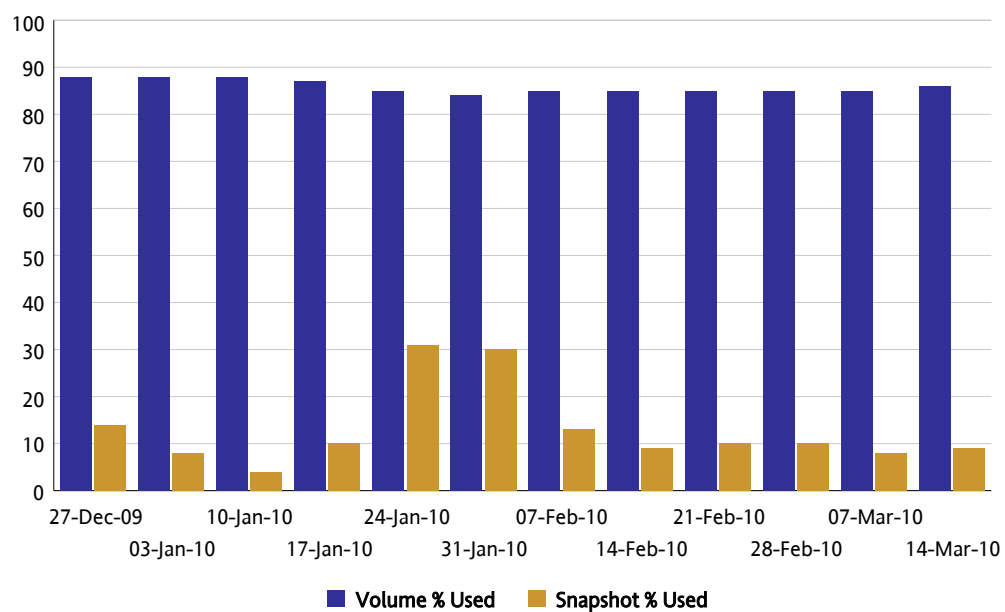
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	1.00	38.68	3.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	0.00	40.00	0.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	432.00	95.97	82.00 %	1.00 %
	vkov02	FLEX	ONLINE	528.00	454.00	74.23	86.00 %	1.00 %
	vkov03	FLEX	ONLINE	528.00	481.00	47.44	91.00 %	2.00 %
	vkov04	FLEX	ONLINE	528.00	474.00	54.45	90.00 %	2.00 %
	vkov05	FLEX	ONLINE	528.00	463.00	64.87	88.00 %	2.00 %
	vkov06	FLEX	ONLINE	528.00	464.00	63.73	88.00 %	2.00 %
	vkov07	FLEX	ONLINE	528.00	402.00	126.49	76.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	382.00	146.31	72.00 %	2.00 %
	vkov09	FLEX	ONLINE	528.00	343.00	185.20	65.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	452.00	76.18	86.00 %	1.00 %

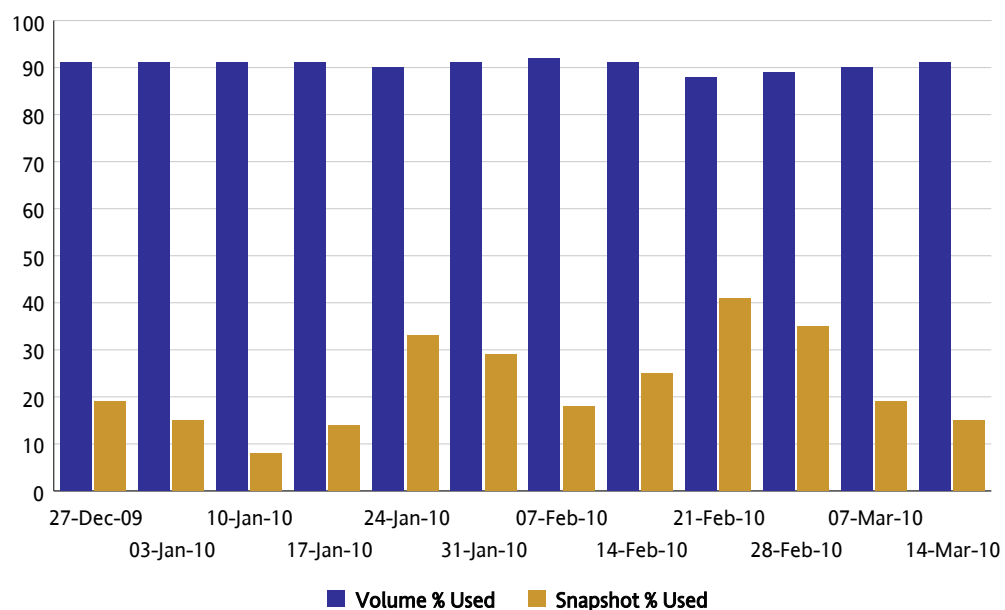
Disk Space Utilization



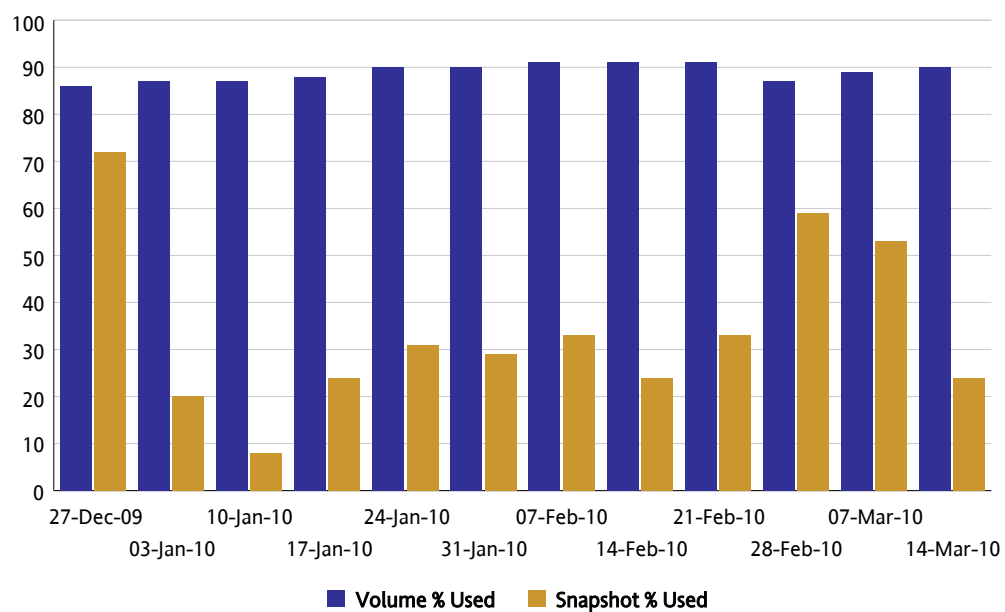
Volume Name: vkov02



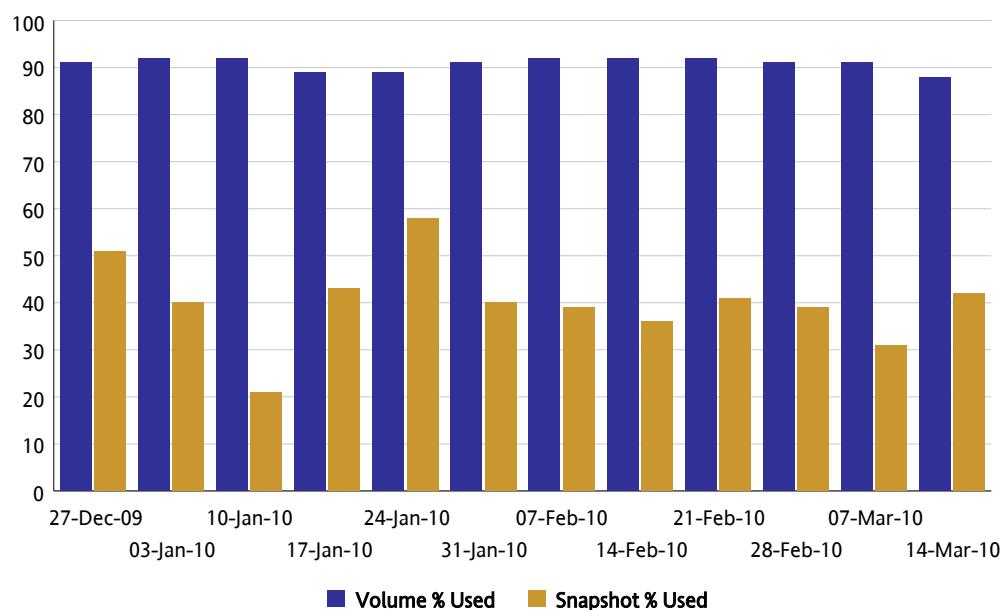
Volume Name: vkov03



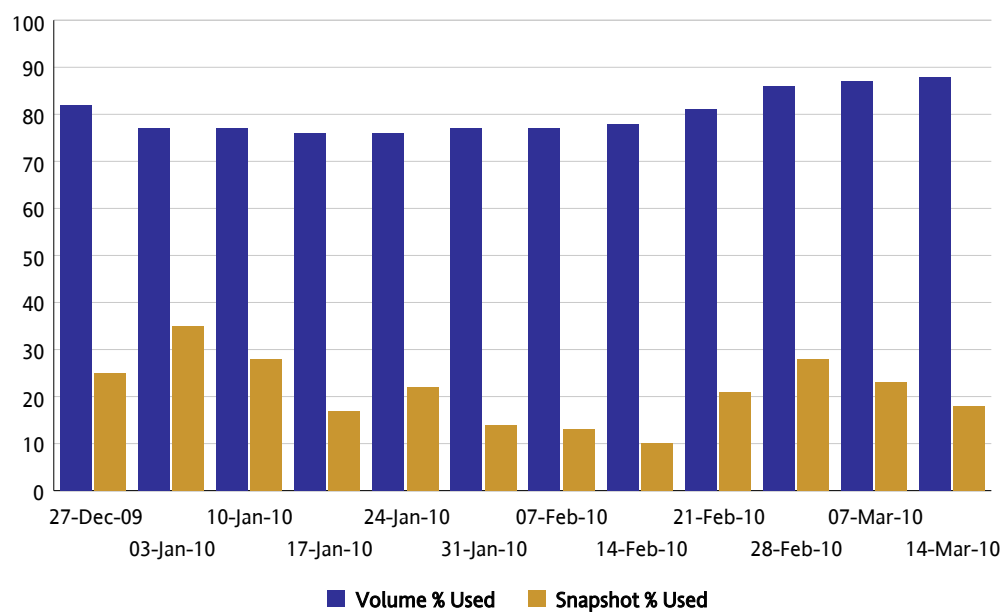
Volume Name: vkov04



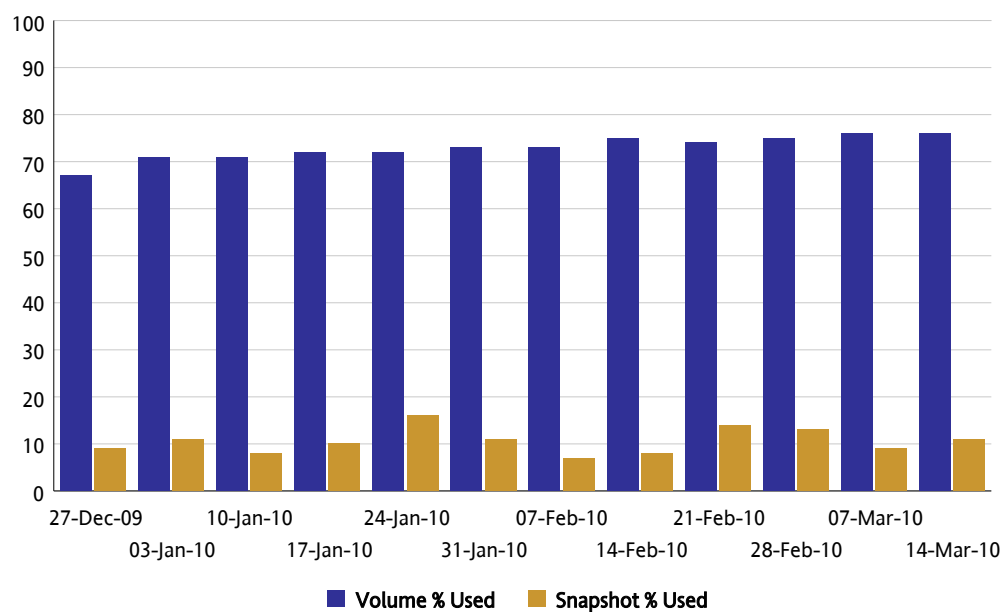
Volume Name: vkov05

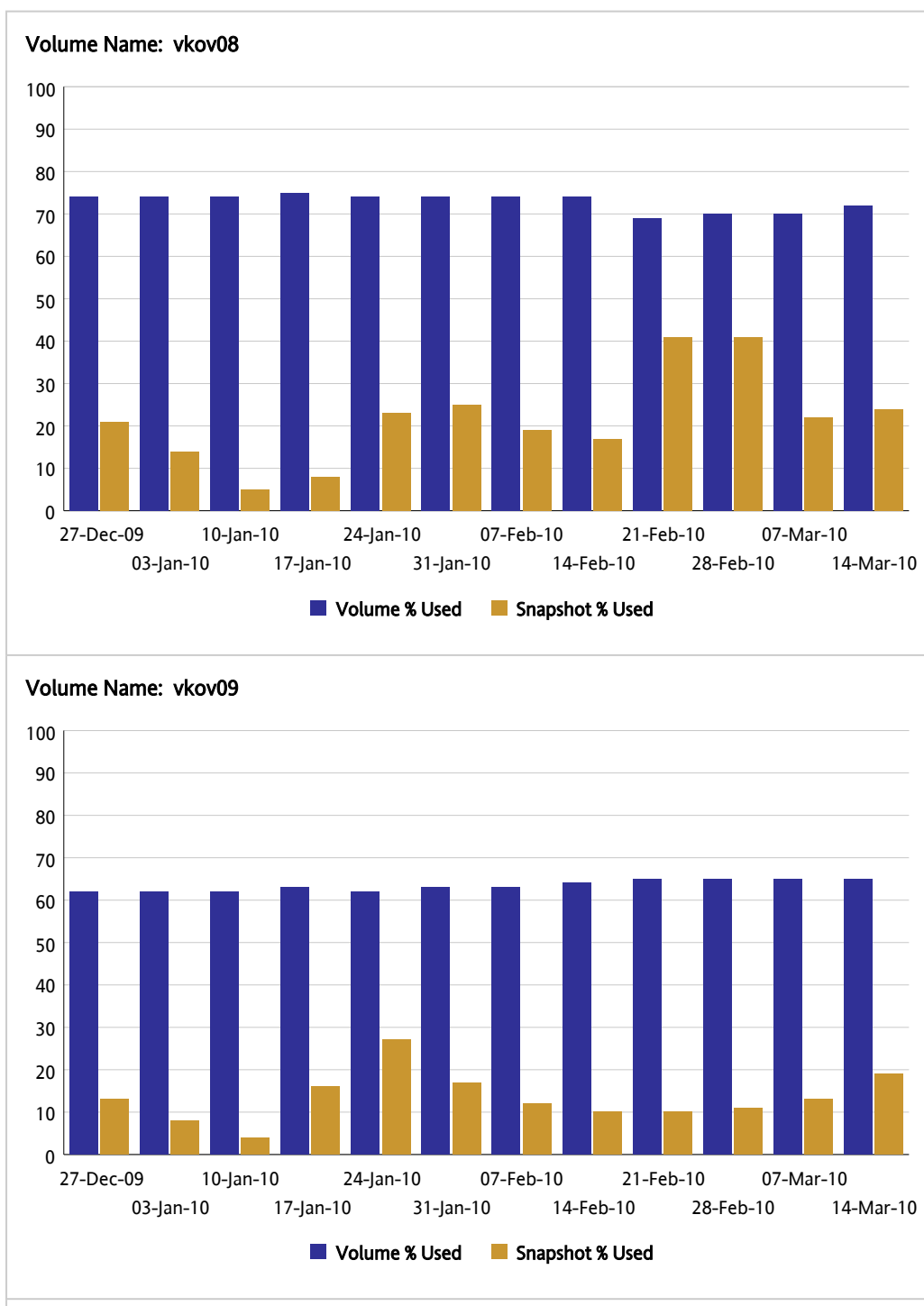


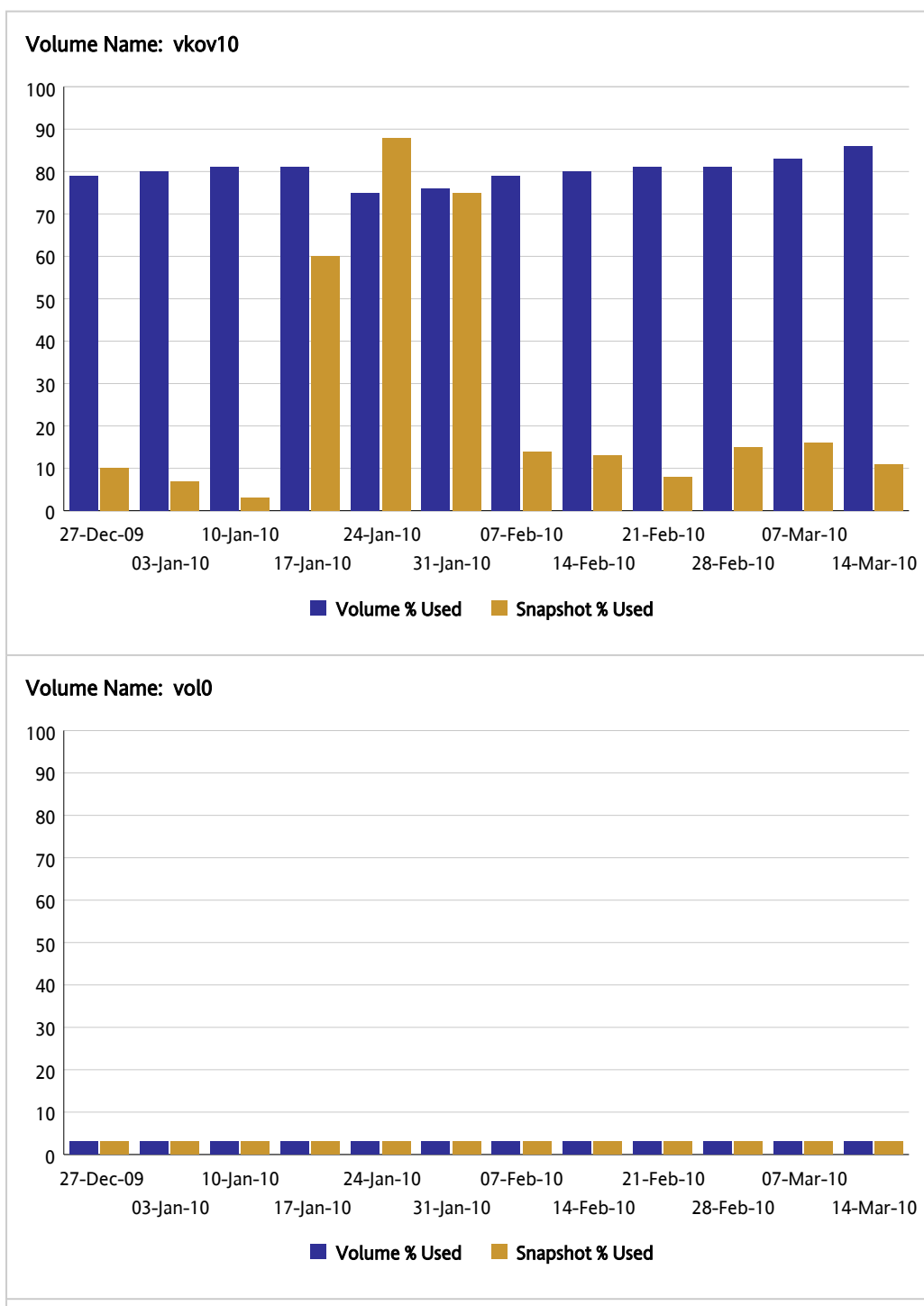
Volume Name: vkov06

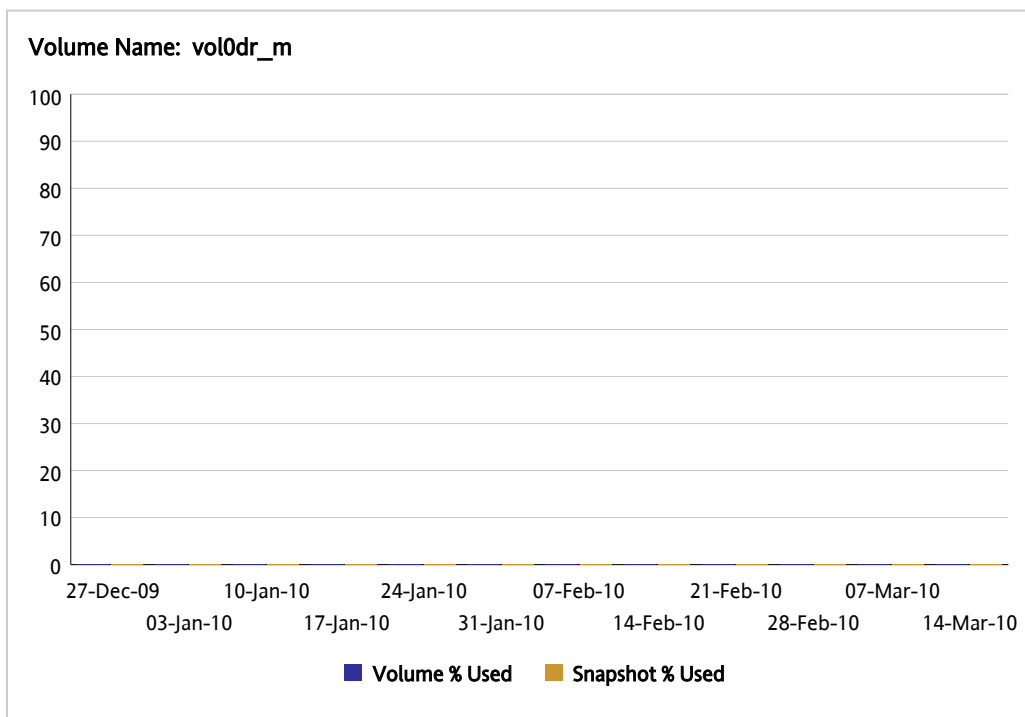


Volume Name: vkov07









Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq049	NORMAL
		/vol/vkov01/ctiq050	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq051	NORMAL
		/vol/vkov02/ctiq052	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq053	NORMAL
		/vol/vkov03/ctiq054	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq055	NORMAL
		/vol/vkov04/ctiq056	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq057	NORMAL
		/vol/vkov05/ctiq058	NORMAL
	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq059	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov06	/vol/vkov06/ctiq060	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq061	NORMAL
		/vol/vkov07/ctiq062	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq063	NORMAL
		/vol/vkov08/ctiq064	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq067	NORMAL
		/vol/vkov09/ctiq068	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq099	NORMAL
		/vol/vkov10/ctiq100	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SOURCE	vkocinas004	/vol/vkov01/-	vkocinas004dr	/vol/vkov01/-
SOURCE	vkocinas004	/vol/vkov02/-	vkocinas004dr	/vol/vkov02/-
SOURCE	vkocinas004	/vol/vkov03/-	vkocinas004dr	/vol/vkov03/-
SOURCE	vkocinas004	/vol/vkov04/-	vkocinas004dr	/vol/vkov04/-
SOURCE	vkocinas004	/vol/vkov05/-	vkocinas004dr	/vol/vkov05/-
SOURCE	vkocinas004	/vol/vkov06/-	vkocinas004dr	/vol/vkov06/-
SOURCE	vkocinas004	/vol/vkov07/-	vkocinas004dr	/vol/vkov07/-
SOURCE	vkocinas004	/vol/vkov08/-	vkocinas004dr	/vol/vkov08/-
SOURCE	vkocinas004	/vol/vkov09/-	vkocinas004dr	/vol/vkov09/-
SOURCE	vkocinas004	/vol/vkov10/-	vkocinas004dr	/vol/vkov10/-
SOURCE	vkocinas004	/vol/vol0/-	vkocinas004dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	iSCSI Port Name
0e	ONLINE		169.190.126.38	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
NTCreateX	408363526	2.00%
query_file_info	8583102811	37.00%
query_path_info	2061048071	9.00%
readX	1927068430	8.00%
writeX	8386804235	36.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipospace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas001dr
Serial Number: 2074931
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas002dr

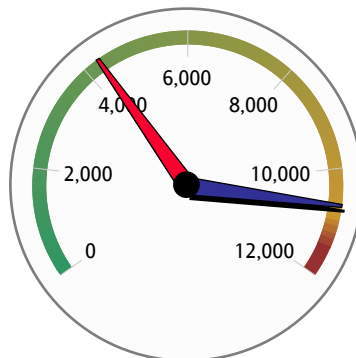
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

Component	Count
Shelves	8
Disk	112

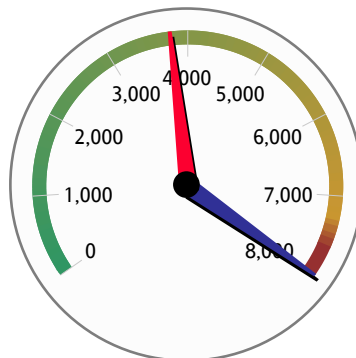
Aggregate Utilization



4,300 Agg GB used out of 10,674 total Agg GB

■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



3,786 Vol GB used out of 8,000 total Vol GB

■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	46
DATA	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	48
DPARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	4
DPARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	3
PARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	3
PARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	4
SPARE	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	3
SPARE	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	1
Summary							112

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	108
		aggr1	
		aggr2	
		aggr3	
rg1	RAID_DP	aggr1	
		aggr2	
		aggr3	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
aggr2	vkov06
	vkov07
	vkov08
	vkov09
	vkov10
aggr3	vkov11
	vkov12
	vkov13
	vkov14
	vkov15

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	28	2 13 13@0,12	20.00%	44.00%
vkov01	31	2 13 13@0,12	20.00%	75.00%
vkov02	30	2 13 13@0,12	20.00%	4.00%
vkov03	31	2 13 13@0,12	20.00%	83.00%
vkov04	30	2 13 13@0,12	20.00%	22.00%
vkov05	31	2 13 13@0,12	20.00%	99.00%
vkov06	31	2 13 13@0,12	20.00%	14.00%
vkov07	30	2 13 13@0,12	20.00%	38.00%
vkov08	30	2 13 13@0,12	20.00%	5.00%
vkov09	31	2 13 13@0,12	20.00%	1.00%
vkov10	31	2 13 13@0,12	20.00%	2.00%
vkov11	31	2 13 13@0,12	20.00%	0.00%
vkov12	31	2 13 13@0,12	20.00%	0.00%
vkov13	31	2 13 13@0,12	20.00%	0.00%
vkov14	31	2 13 13@0,12	20.00%	0.00%
vkov15	31	2 13 13@0,12	20.00%	4.00%
vol0dr_m	31	2 13 13@0,12	20.00%	6.00%

Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	114.00	52.00	61.00	46.00 %	54.00 %
aggr1	3,520.00	2,370.00	1,150.00	67.00 %	33.00 %
aggr2	3,520.00	1,437.00	2,083.00	41.00 %	59.00 %
aggr3	3,520.00	441.00	3,079.00	13.00 %	87.00 %

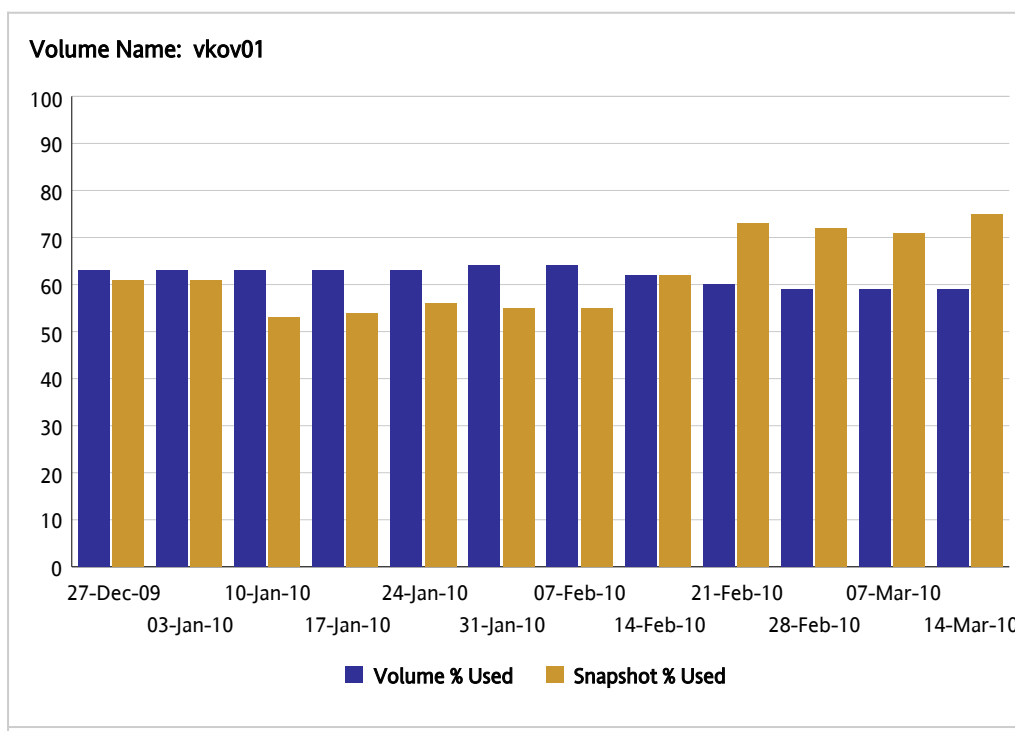
Volume Usage Summary

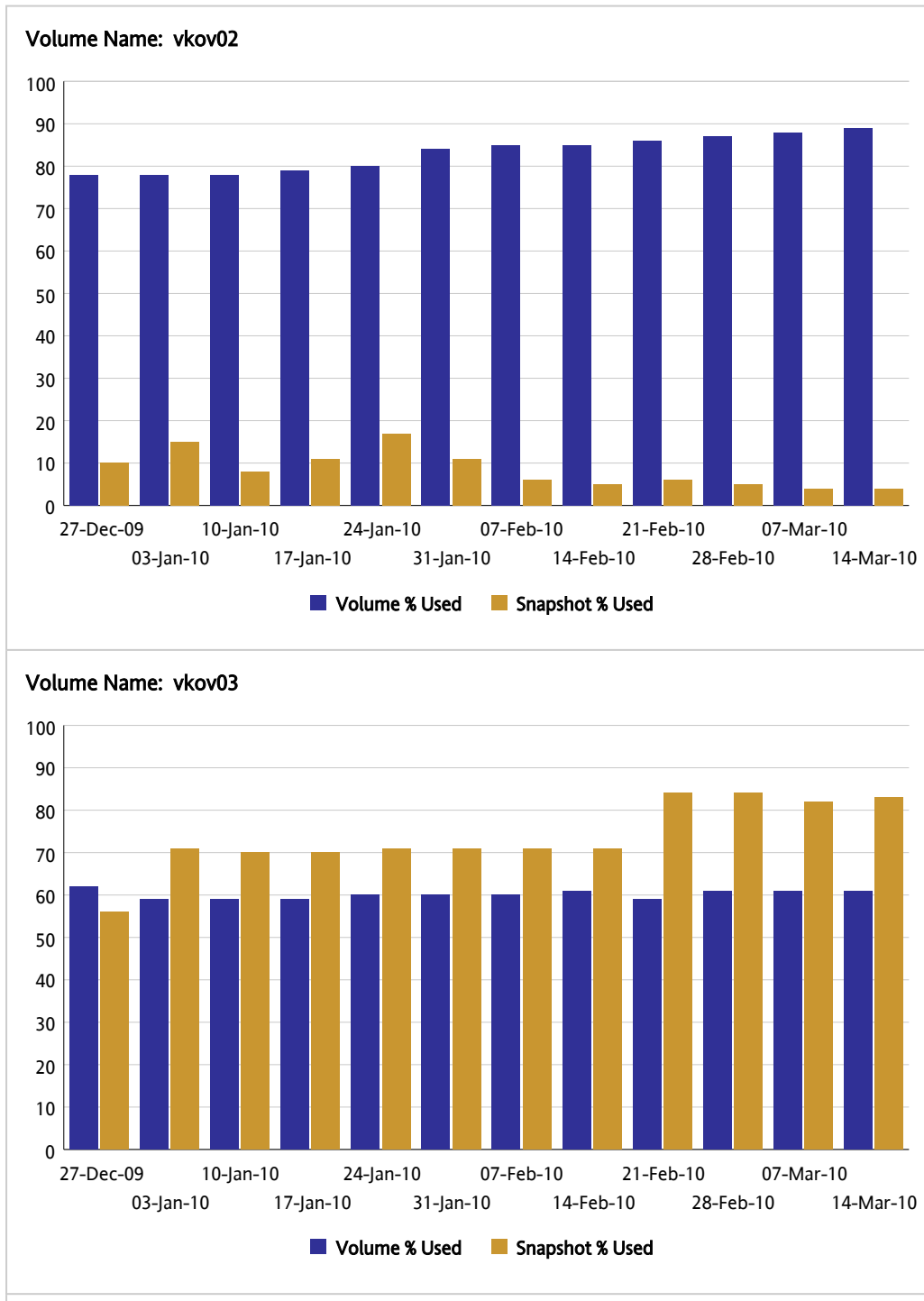
Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	3.00	36.93	8.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	1.00	38.73	3.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	310.00	217.89	59.00 %	3.00 %
	vkov02	FLEX	ONLINE	528.00	468.00	59.63	89.00 %	3.00 %
	vkov03	FLEX	ONLINE	528.00	322.00	205.70	61.00 %	3.00 %
	vkov04	FLEX	ONLINE	528.00	439.00	88.92	83.00 %	8.00 %
	vkov05	FLEX	ONLINE	528.00	455.00	72.70	86.00 %	4.00 %
aggr2	vkov06	FLEX	ONLINE	528.00	362.00	166.15	69.00 %	1.00 %

Volume Usage Summary

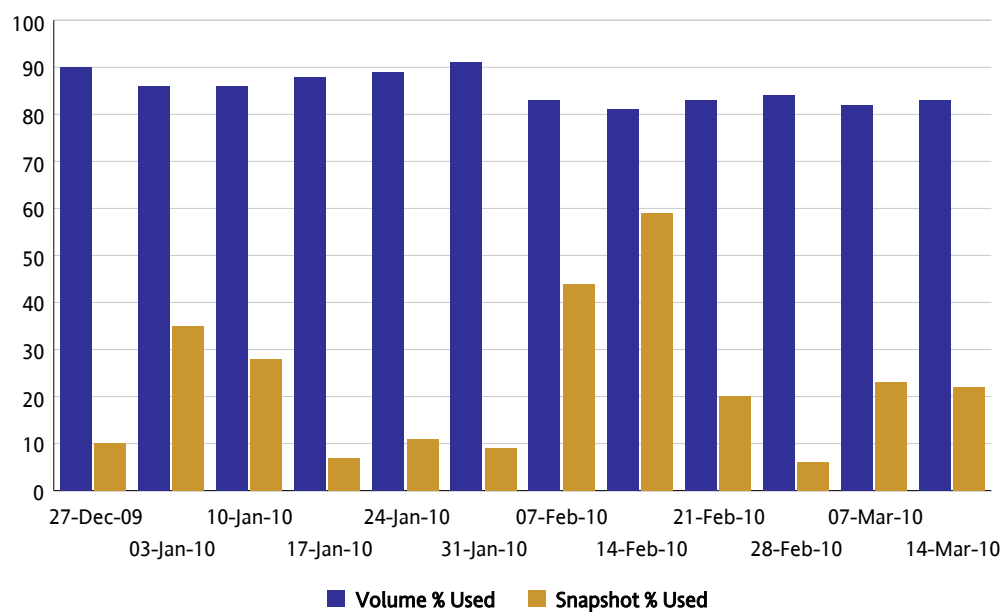
Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr2	vkov07	FLEX	ONLINE	528.00	403.00	124.75	76.00 %	2.00 %
	vkov08	FLEX	ONLINE	528.00	402.00	125.80	76.00 %	9.00 %
	vkov09	FLEX	ONLINE	528.00	133.00	394.79	25.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	55.00	472.66	10.00 %	1.00 %
aggr3	vkov11	FLEX	ONLINE	528.00	120.00	407.76	23.00 %	0.00 %
	vkov12	FLEX	ONLINE	528.00	59.00	469.32	11.00 %	0.00 %
	vkov13	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov14	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov15	FLEX	ONLINE	528.00	246.00	281.96	47.00 %	3.00 %

Disk Space Utilization

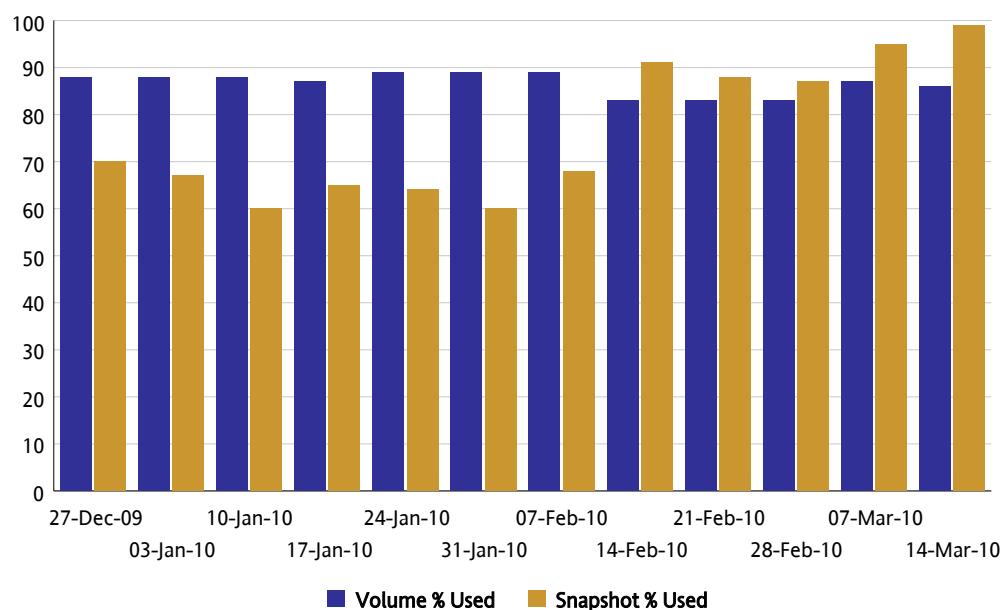


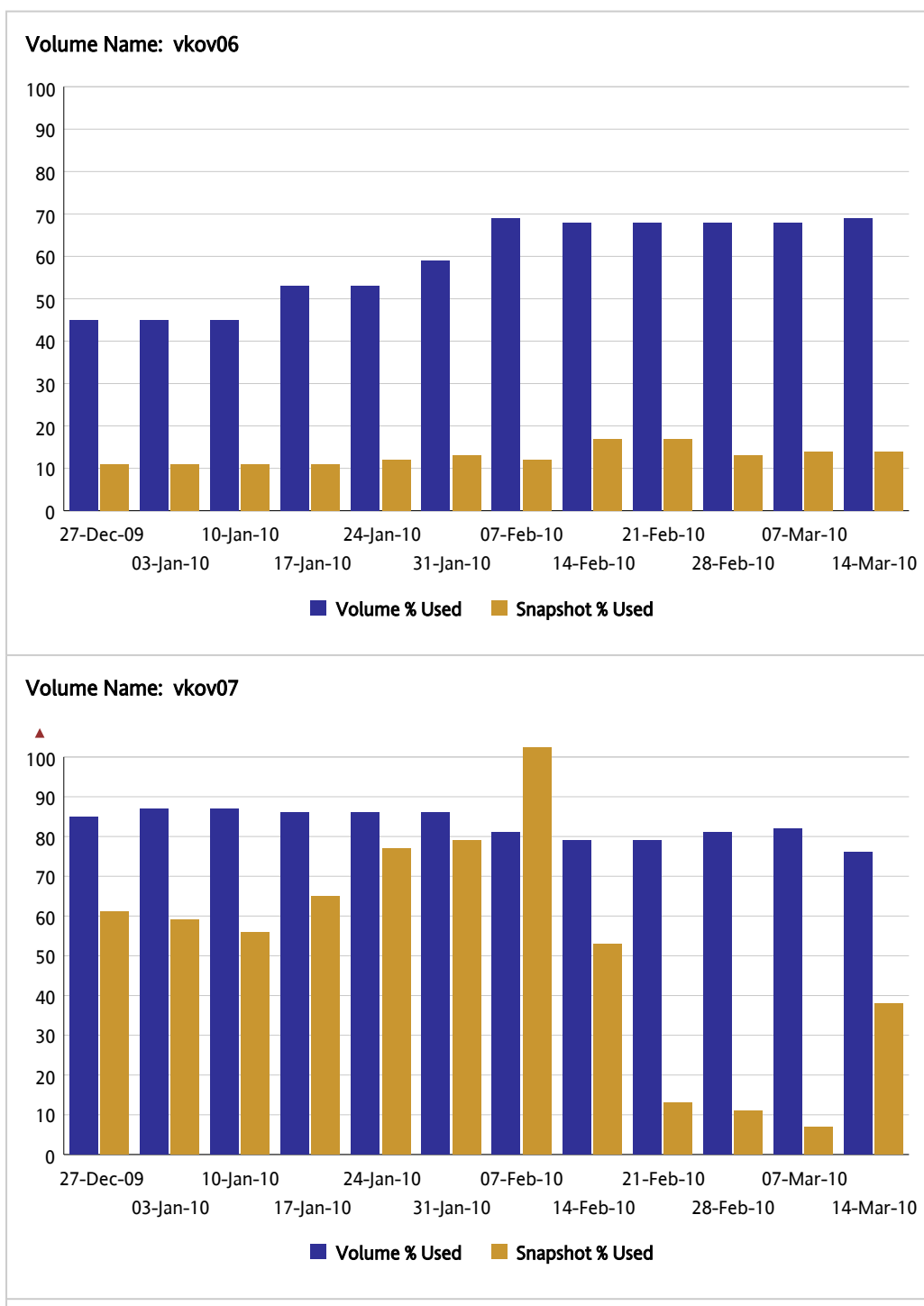


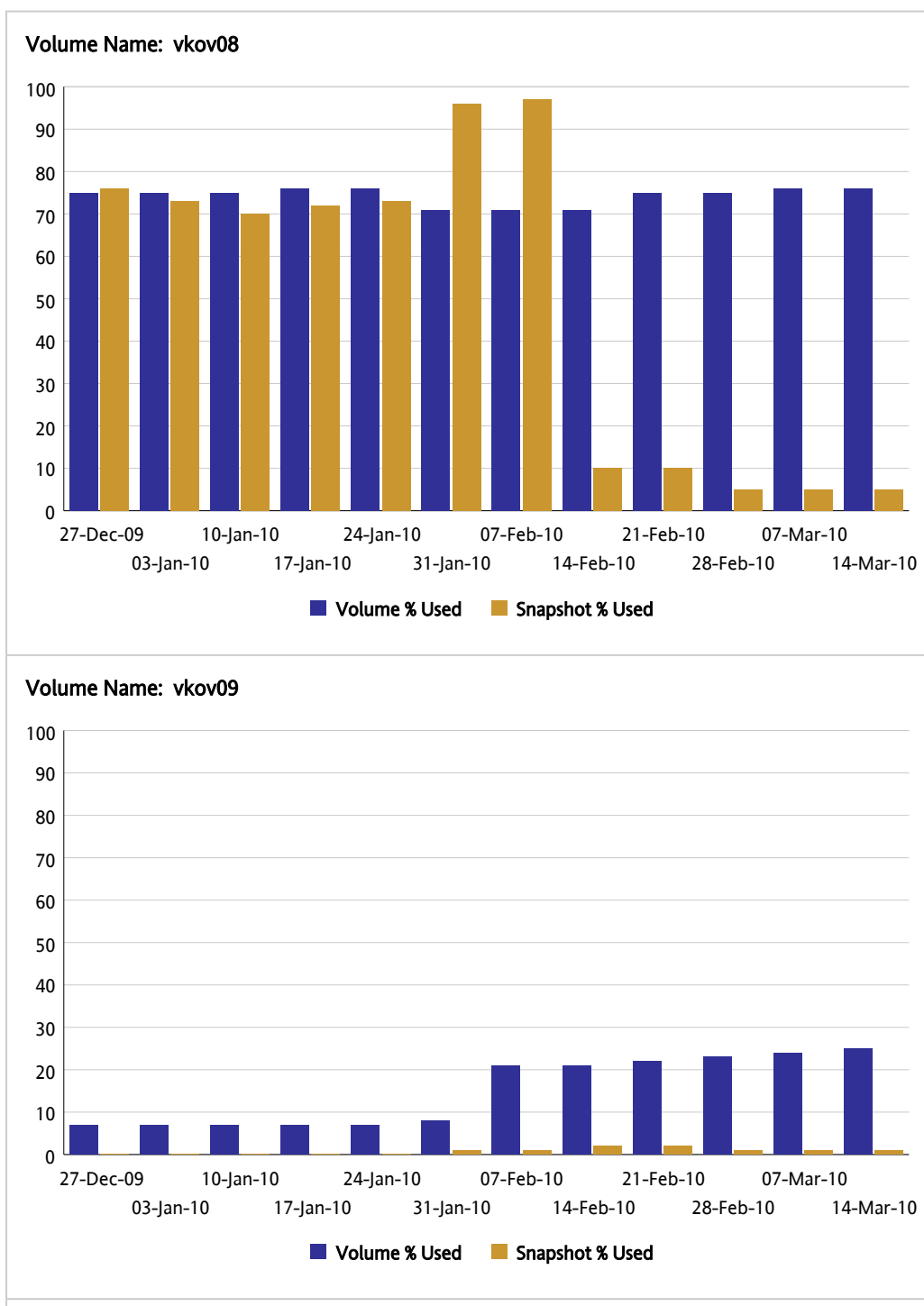
Volume Name: vkov04



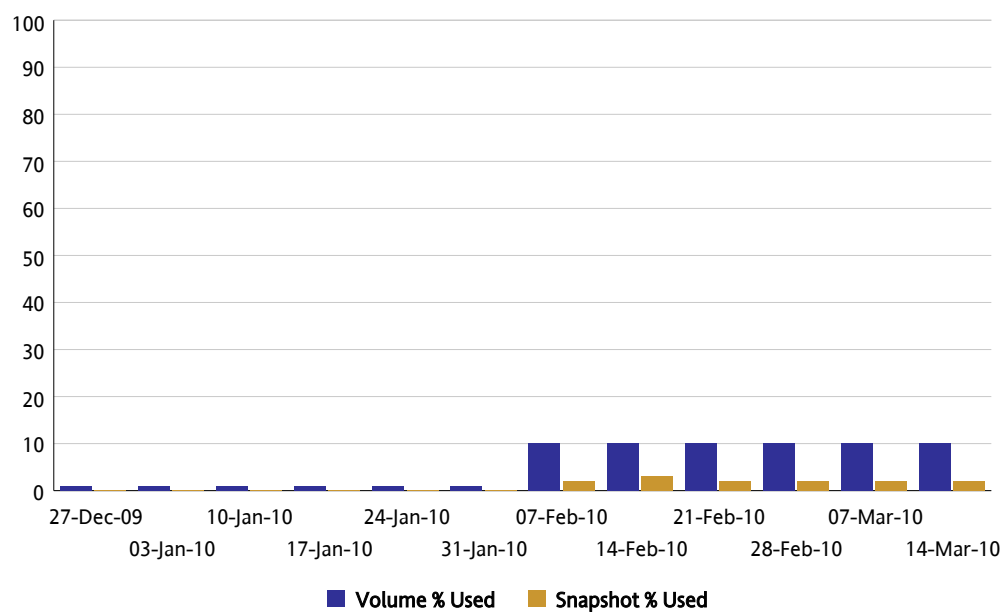
Volume Name: vkov05



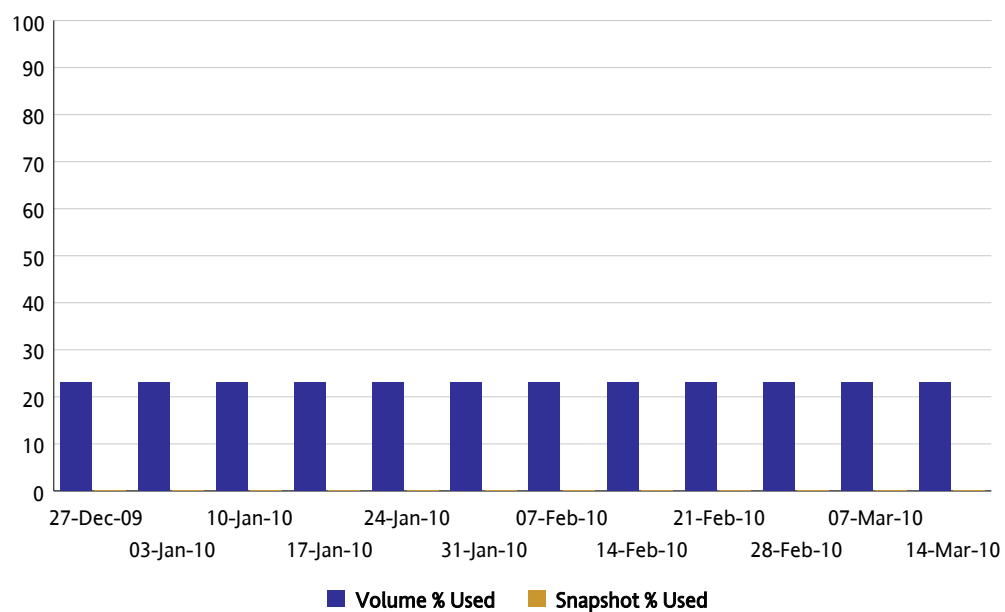




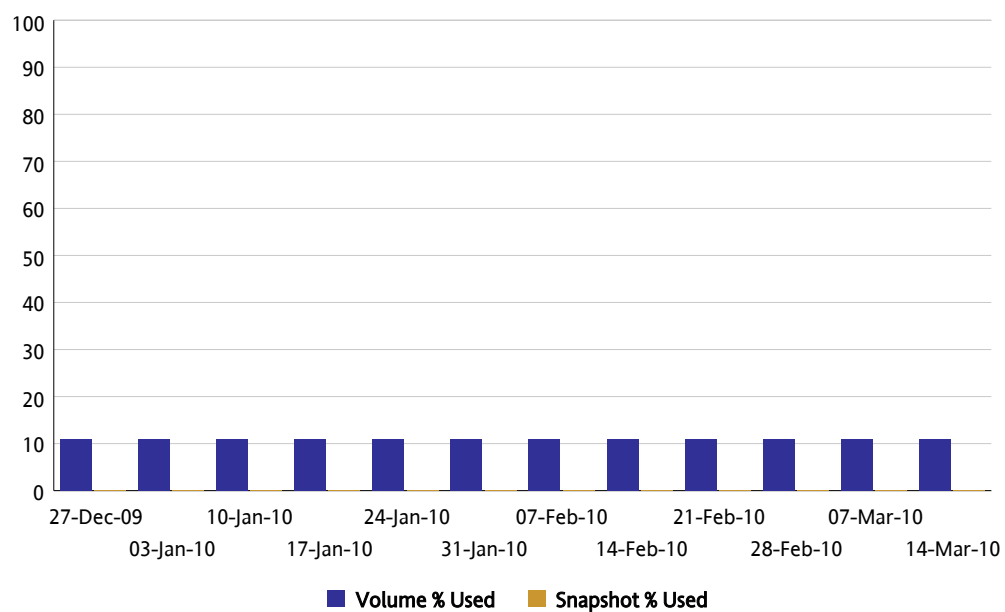
Volume Name: vkov10



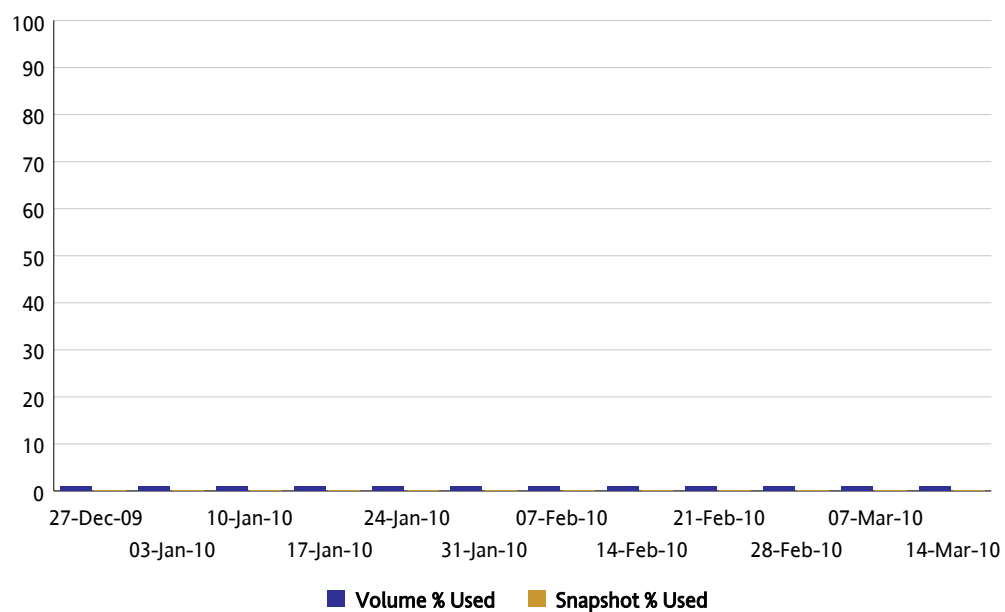
Volume Name: vkov11



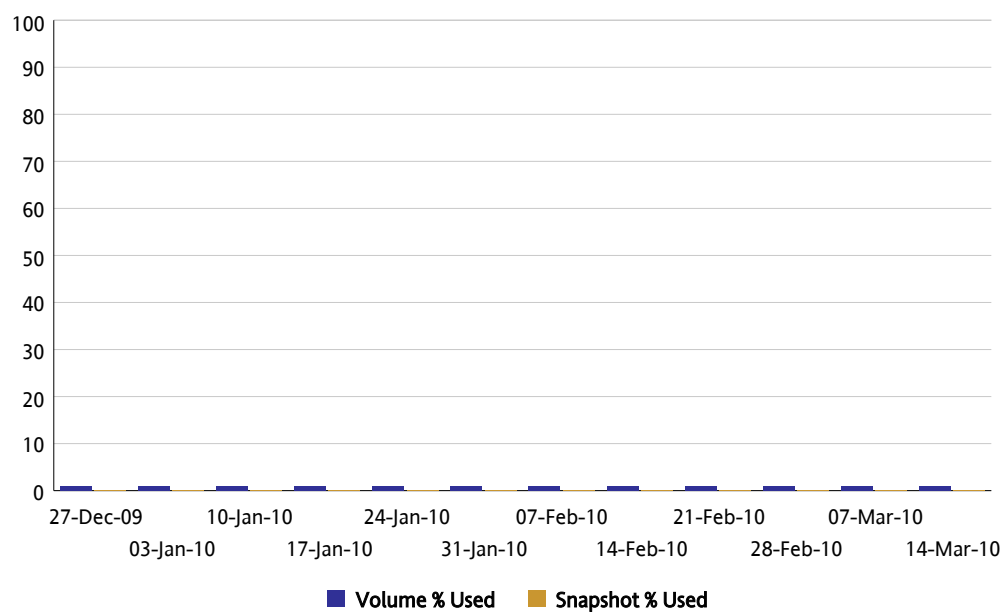
Volume Name: vkov12



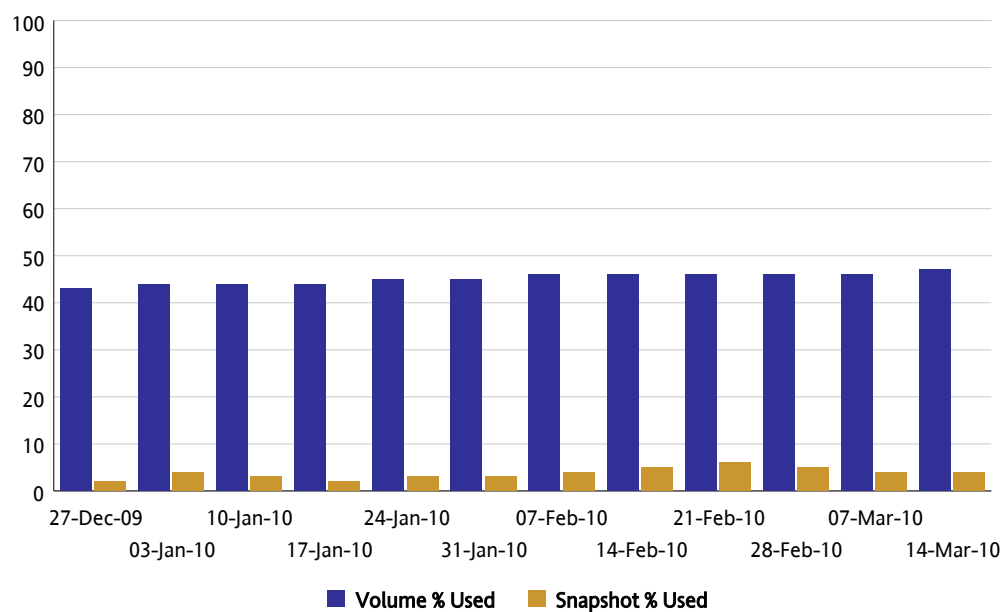
Volume Name: vkov13

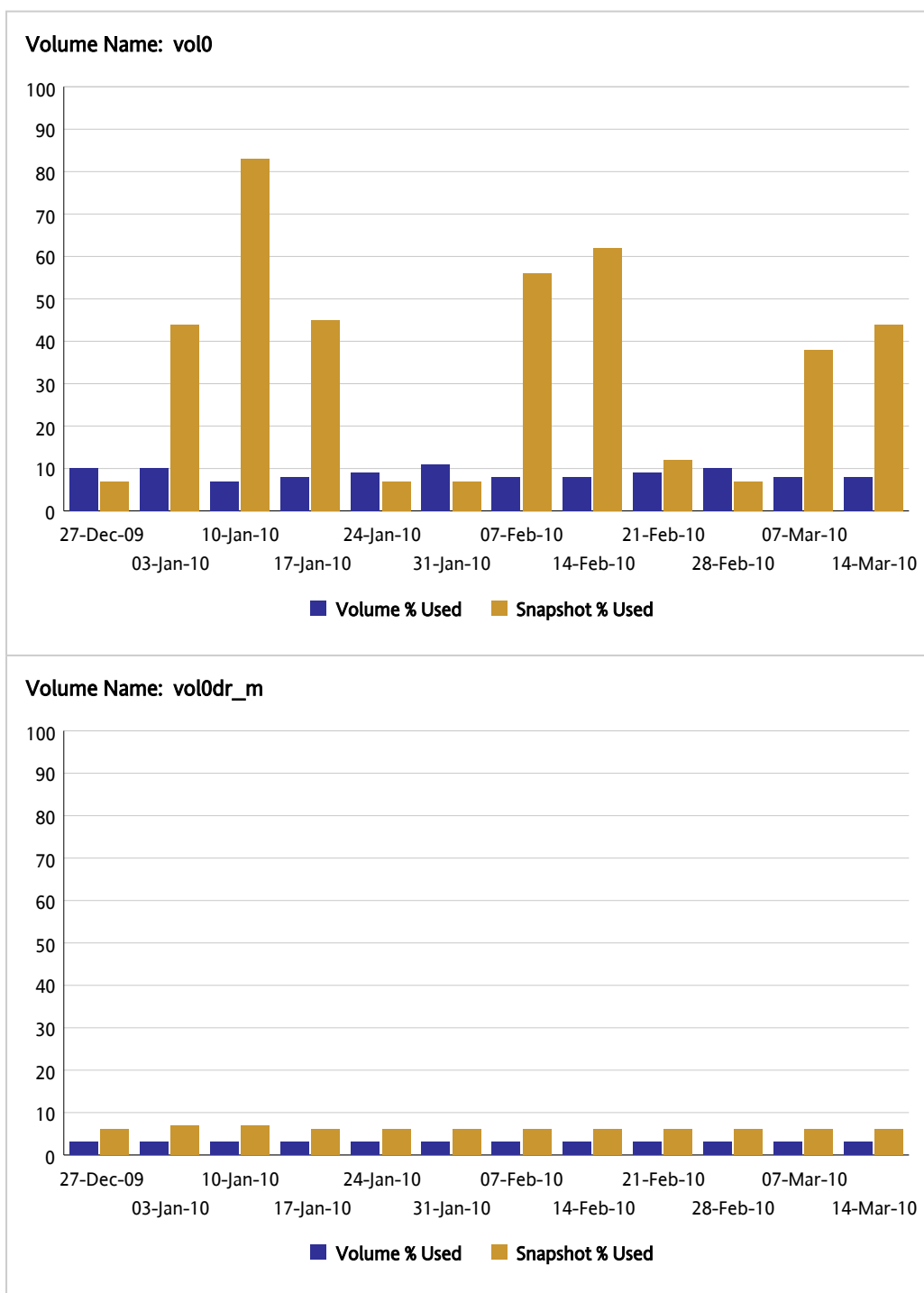


Volume Name: vkov14



Volume Name: vkov15





Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
		/vol/vol0dr_m/auditlog	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq001	NORMAL
		/vol/vkov01/ctiq002	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq003	NORMAL
		/vol/vkov02/ctiq004	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq005	NORMAL
		/vol/vkov03/ctiq006	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq007	NORMAL
		/vol/vkov04/ctiq008	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq009	NORMAL
		/vol/vkov05/ctiq010	NORMAL
aggr2	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq011	NORMAL
		/vol/vkov06/ctiq012	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq013	NORMAL
		/vol/vkov07/ctiq014	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq015	NORMAL
		/vol/vkov08/ctiq016	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq069	NORMAL
		/vol/vkov09/ctiq070	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq071	NORMAL
		/vol/vkov10/ctiq072	NORMAL
aggr3	vkov11	/vol/vkov11/-	NORMAL
		/vol/vkov11/ctiq073	NORMAL
		/vol/vkov11/ctiq074	NORMAL
	vkov12	/vol/vkov12/-	NORMAL
		/vol/vkov12/ctiq075	NORMAL
		/vol/vkov12/ctiq076	NORMAL
	vkov13	/vol/vkov13/-	NORMAL
		/vol/vkov13/ctiq077	NORMAL
		/vol/vkov13/ctiq078	NORMAL
	vkov14	/vol/vkov14/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr3	vkov14	/vol/vkov14/ctiq079	NORMAL
		/vol/vkov14/ctiq080	NORMAL
	vkov15	/vol/vkov15/-	NORMAL
		/vol/vkov15/ctiq081	NORMAL
		/vol/vkov15/ctiq082	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SNAPMIRRORED	vkocinas001	vkov01	vkocinas001dr	/vol/vkov01/-
SNAPMIRRORED	vkocinas001	vkov02	vkocinas001dr	/vol/vkov02/-
SNAPMIRRORED	vkocinas001	vkov03	vkocinas001dr	/vol/vkov03/-
SNAPMIRRORED	vkocinas001	vkov04	vkocinas001dr	/vol/vkov04/-
SNAPMIRRORED	vkocinas001	vkov05	vkocinas001dr	/vol/vkov05/-
SNAPMIRRORED	vkocinas001	vkov06	vkocinas001dr	/vol/vkov06/-
SNAPMIRRORED	vkocinas001	vkov07	vkocinas001dr	/vol/vkov07/-
SNAPMIRRORED	vkocinas001	vkov08	vkocinas001dr	/vol/vkov08/-
SNAPMIRRORED	vkocinas001	vkov09	vkocinas001dr	/vol/vkov09/-
SNAPMIRRORED	vkocinas001	vkov10	vkocinas001dr	/vol/vkov10/-
SNAPMIRRORED	vkocinas001	vkov11	vkocinas001dr	/vol/vkov11/-
SNAPMIRRORED	vkocinas001	vkov12	vkocinas001dr	/vol/vkov12/-
SNAPMIRRORED	vkocinas001	vkov13	vkocinas001dr	/vol/vkov13/-
SNAPMIRRORED	vkocinas001	vkov14	vkocinas001dr	/vol/vkov14/-
SNAPMIRRORED	vkocinas001	vkov15	vkocinas001dr	/vol/vkov15/-
SNAPMIRRORED	vkocinas001	vol0	vkocinas001dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	ISCSI Port Name
0e	ONLINE		169.190.126.39	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
IPC	3021543	55.00%
login	413036	8.00%
logout	404759	7.00%
negprot	325727	6.00%
tconX	406009	7.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
-------------	--------------	-----------------	----------------------------

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipspace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas003dr
Serial Number: 2074932
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas004dr

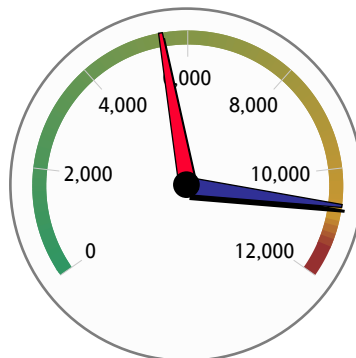
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

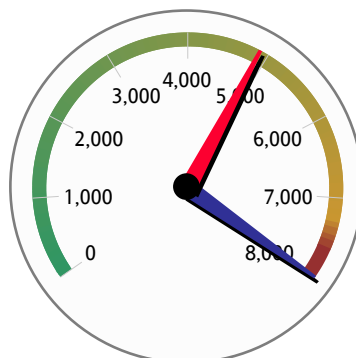
Component	Count
Shelves	8
Disk	112

Aggregate Utilization



■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3		NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	21
DATA	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	73
DPARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	1
DPARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	6
PARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	4
PARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	3
SPARE	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	1
SPARE	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	2
SPARE	X274_SCHT6146F10 NETAPP	NA16 NA16		136.00	520	DS14-Mk2-FC	1
Summary							112

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	108
		aggr1	
		aggr2	
		aggr3	
rg1	RAID_DP	aggr1	
		aggr2	
		aggr3	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
aggr2	vkov06
	vkov07
	vkov08
	vkov09
	vkov10
aggr3	vkov11
	vkov12
	vkov13
	vkov14
	vkov15

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	28	2 13 13@0,12	20.00%	48.00%
vkov01	30	2 13 13@0,12	20.00%	40.00%
vkov02	30	2 13 13@0,12	20.00%	15.00%
vkov03	30	2 13 13@0,12	20.00%	20.00%
vkov04	30	2 13 13@0,12	20.00%	81.00%
vkov05	30	2 13 13@0,12	20.00%	16.00%
vkov06	30	2 13 13@0,12	20.00%	15.00%
vkov07	30	2 13 13@0,12	20.00%	31.00%
vkov08	30	2 13 13@0,12	20.00%	53.00%
vkov09	30	2 13 13@0,12	20.00%	53.00%
vkov10	30	2 13 13@0,12	20.00%	0.00%
vkov11	30	2 13 13@0,12	20.00%	1.00%
vkov12	30	2 13 13@0,12	20.00%	0.00%
vkov13	30	2 13 13@0,12	20.00%	0.00%
vkov14	30	2 13 13@0,12	20.00%	99.00%
vkov15	30	2 13 13@0,12	20.00%	8.00%
vol0dr_m	30	2 13 13@0,12	20.00%	4.00%

Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	114.00	52.00	62.00	46.00 %	54.00 %
aggr1	3,520.00	2,406.00	1,114.00	68.00 %	32.00 %
aggr2	3,520.00	2,189.00	1,330.00	62.00 %	38.00 %
aggr3	3,520.00	867.00	2,653.00	25.00 %	75.00 %

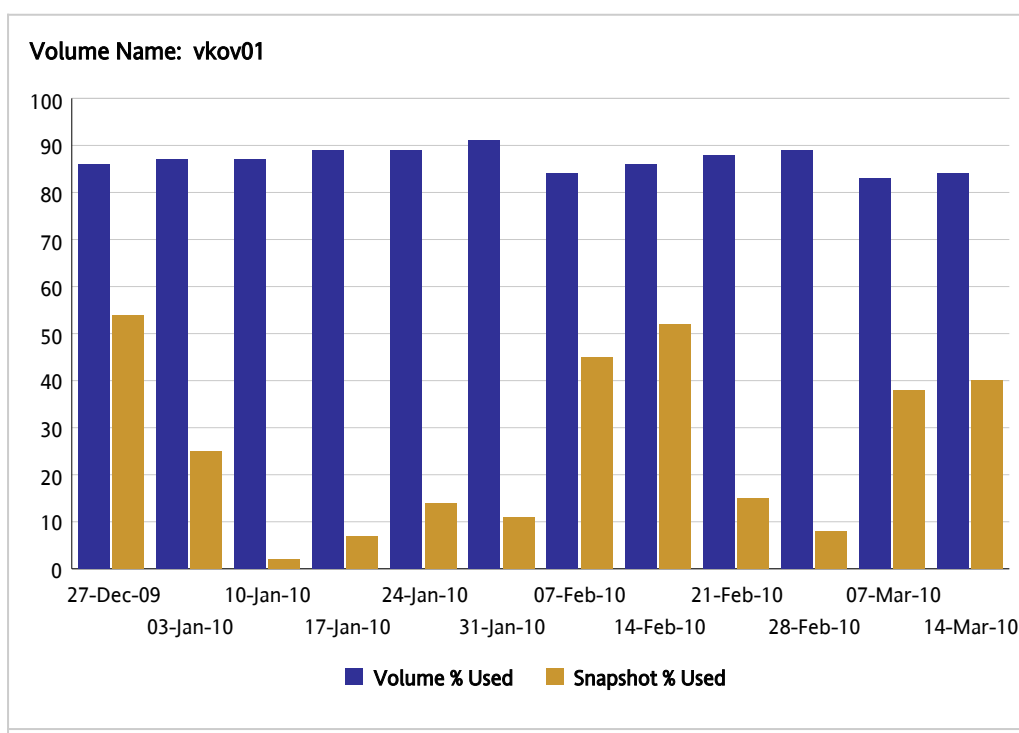
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	2.00	38.18	5.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	1.00	38.85	3.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	445.00	82.76	84.00 %	1.00 %
	vkov02	FLEX	ONLINE	528.00	388.00	140.37	73.00 %	2.00 %
	vkov03	FLEX	ONLINE	528.00	464.00	63.67	88.00 %	5.00 %
	vkov04	FLEX	ONLINE	528.00	426.00	102.40	81.00 %	1.00 %
	vkov05	FLEX	ONLINE	528.00	456.00	72.29	86.00 %	2.00 %
aggr2	vkov06	FLEX	ONLINE	528.00	469.00	59.39	89.00 %	1.00 %

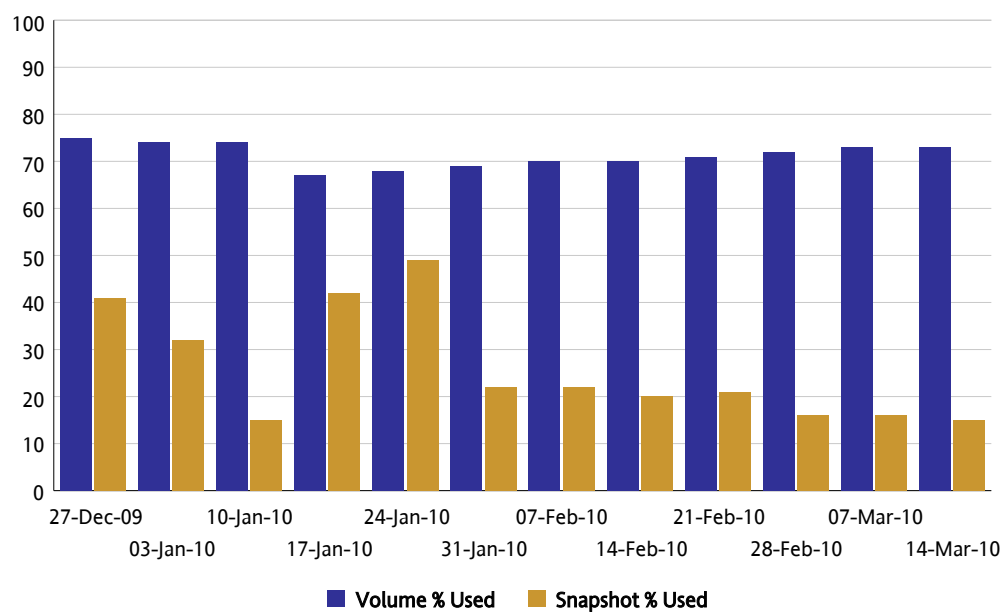
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr2	vkov07	FLEX	ONLINE	528.00	439.00	89.46	83.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	422.00	106.09	80.00 %	1.00 %
	vkov09	FLEX	ONLINE	528.00	481.00	46.77	91.00 %	2.00 %
	vkov10	FLEX	ONLINE	528.00	177.00	351.16	33.00 %	0.00 %
aggr3	vkov11	FLEX	ONLINE	528.00	43.00	484.72	8.00 %	2.00 %
	vkov12	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov13	FLEX	ONLINE	528.00	4.00	523.93	1.00 %	0.00 %
	vkov14	FLEX	ONLINE	528.00	244.00	284.25	46.00 %	1.00 %
	vkov15	FLEX	ONLINE	528.00	427.00	100.51	81.00 %	2.00 %

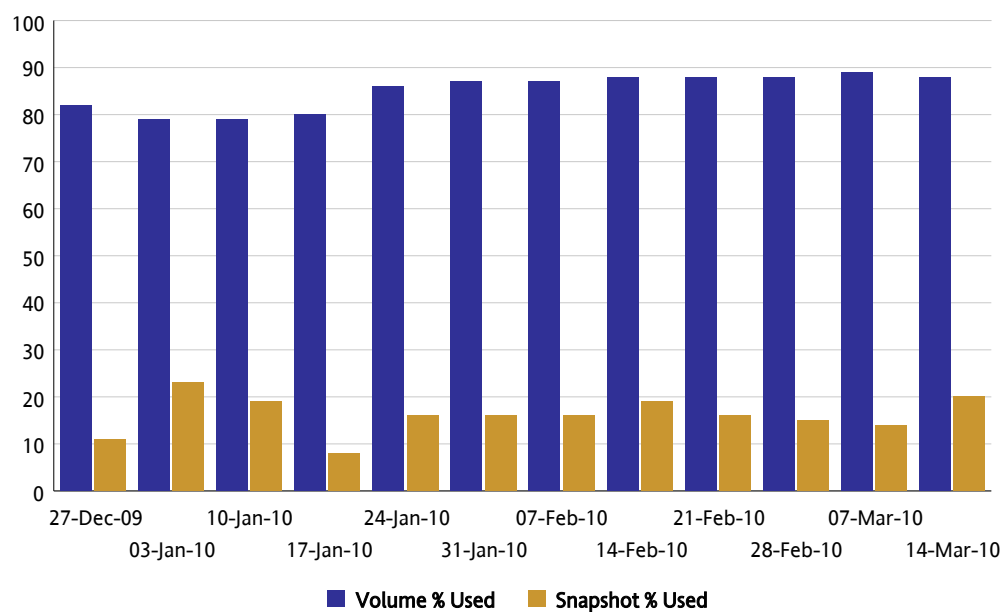
Disk Space Utilization

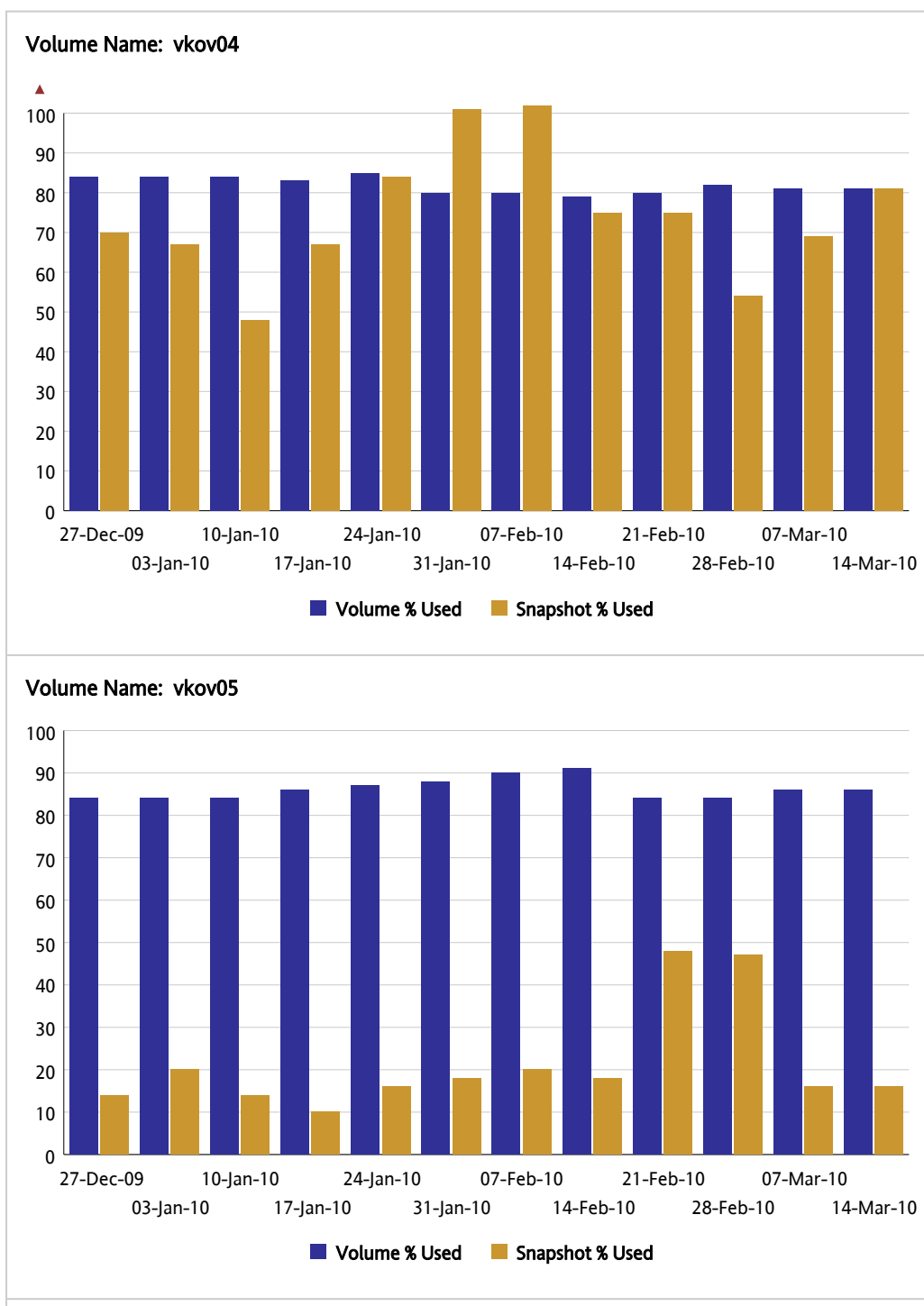


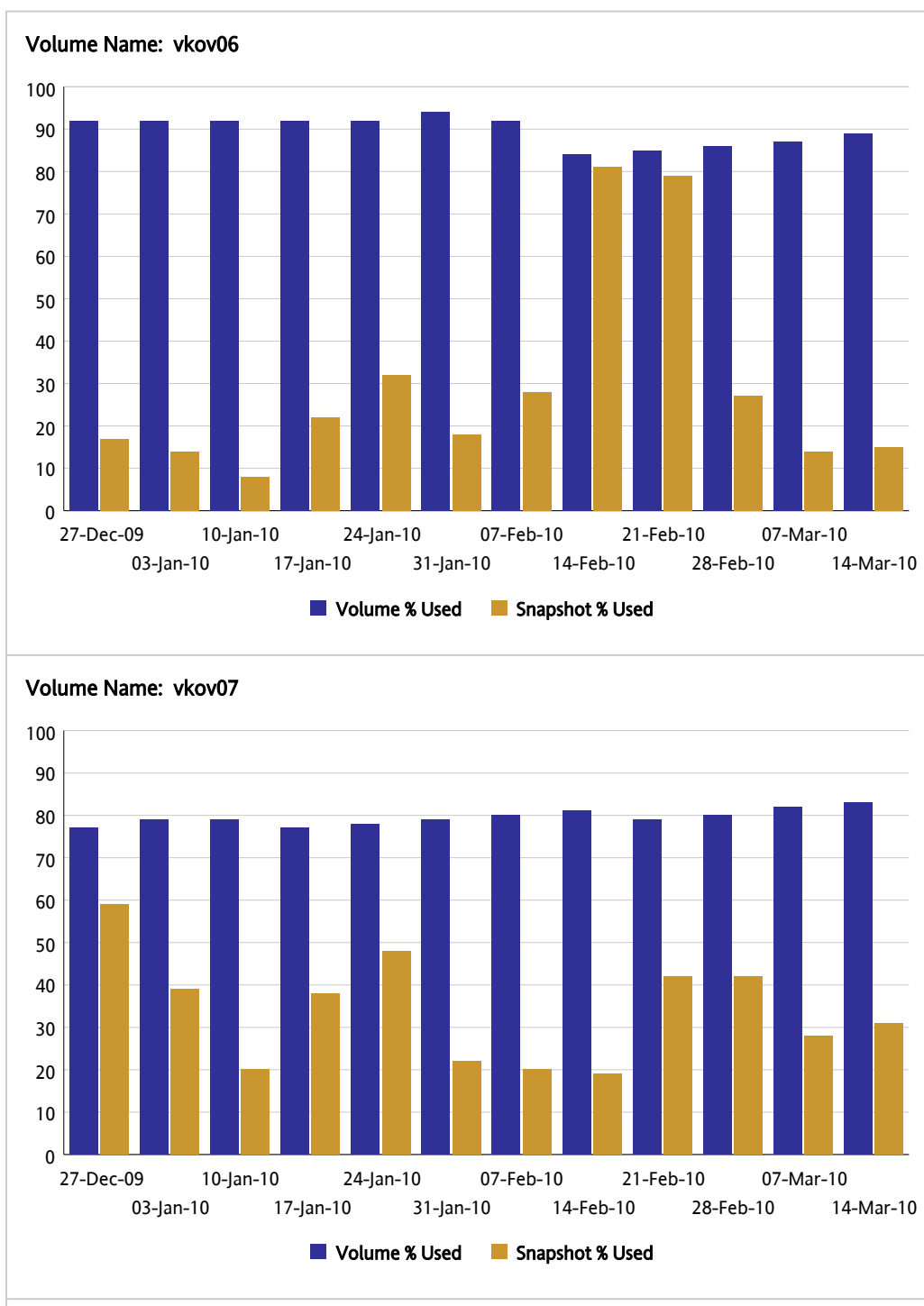
Volume Name: vkov02

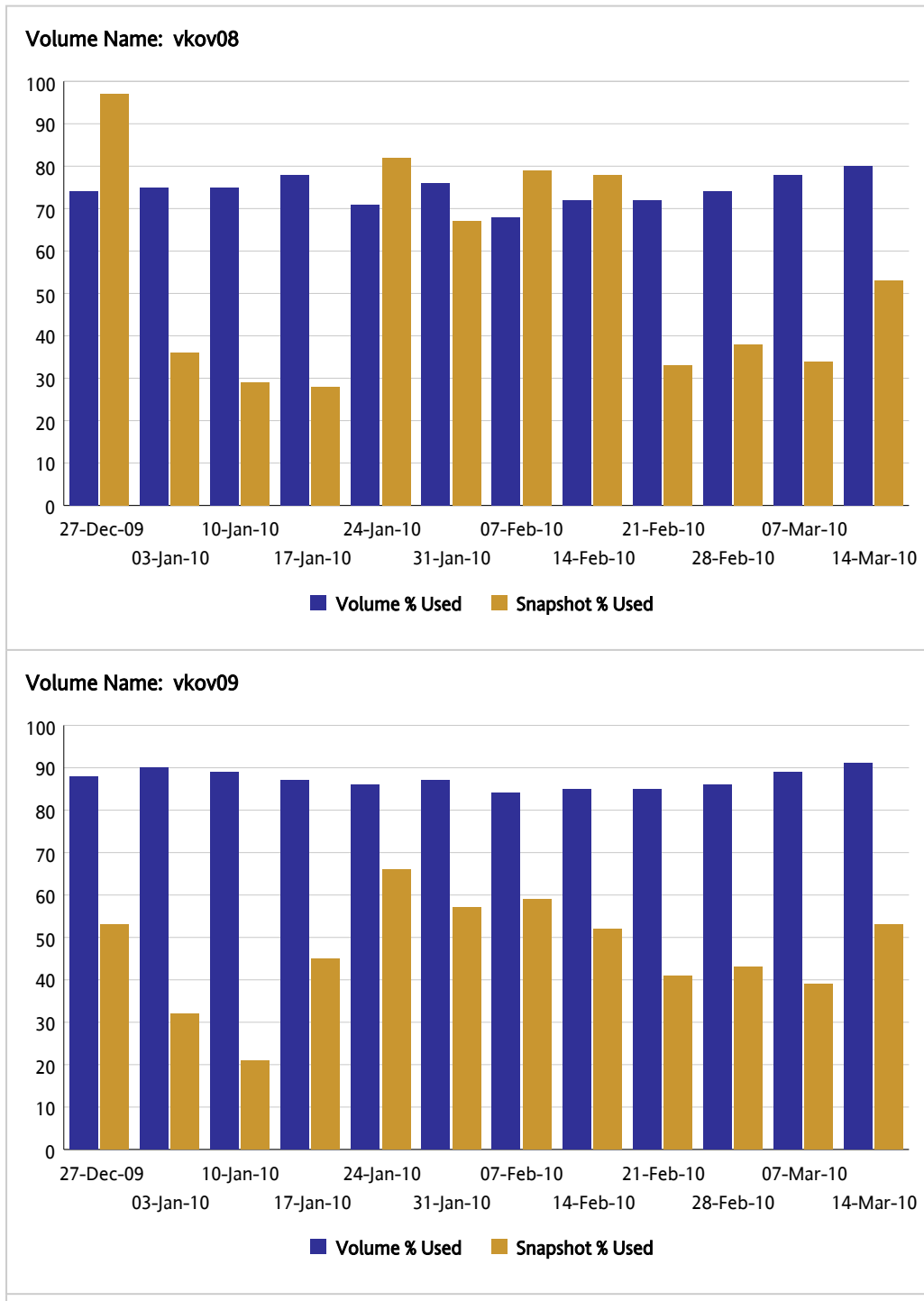


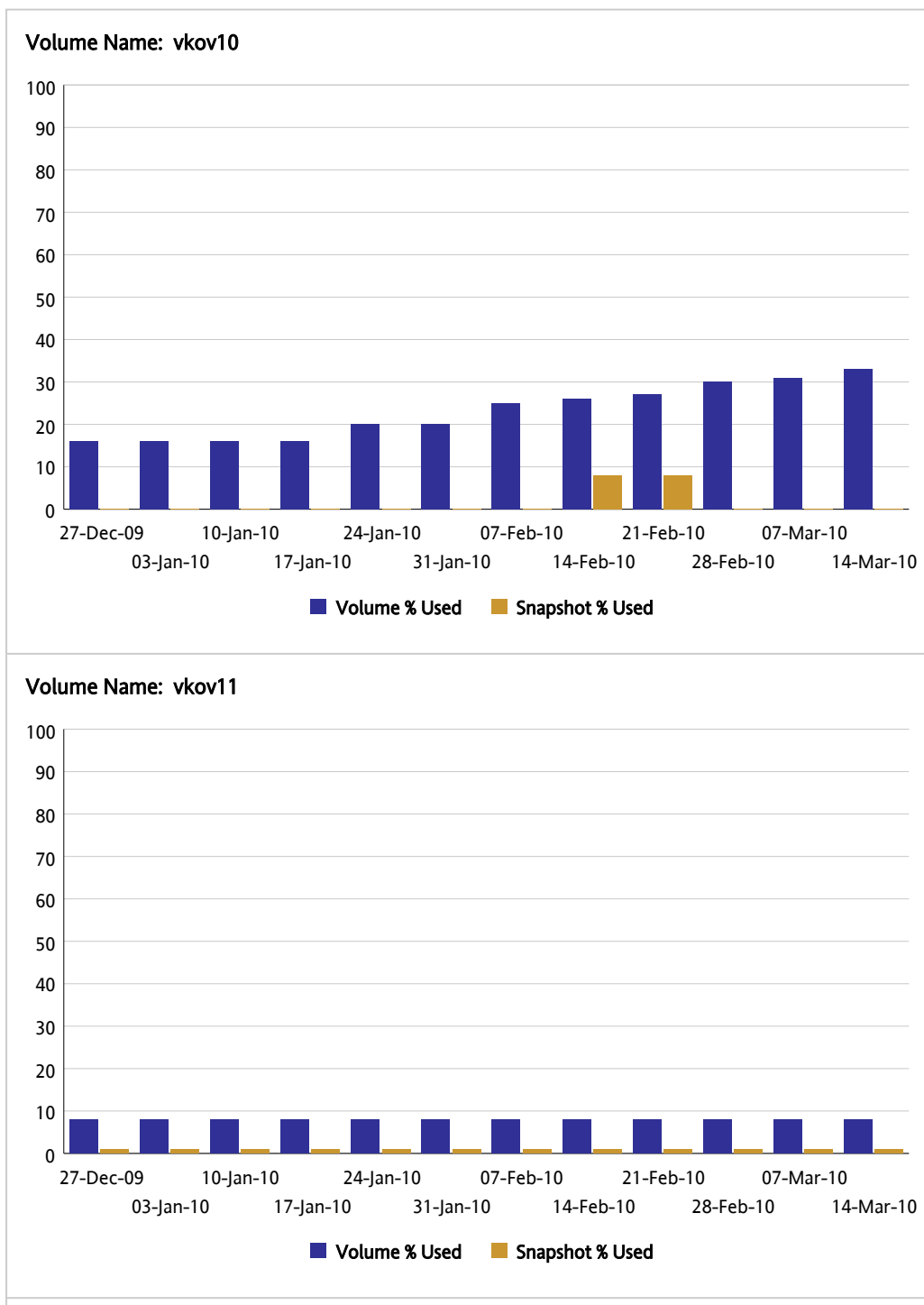
Volume Name: vkov03



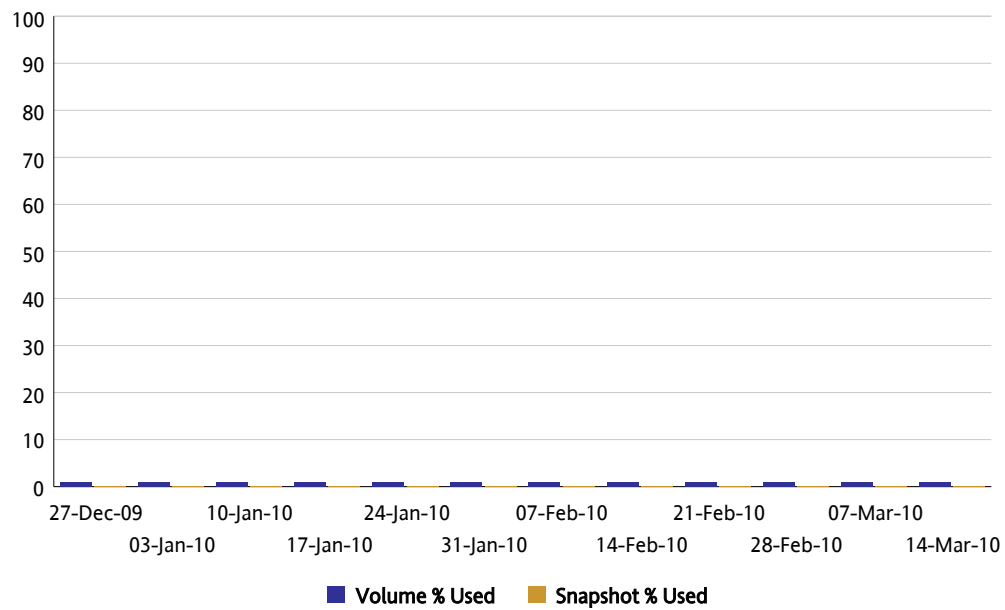




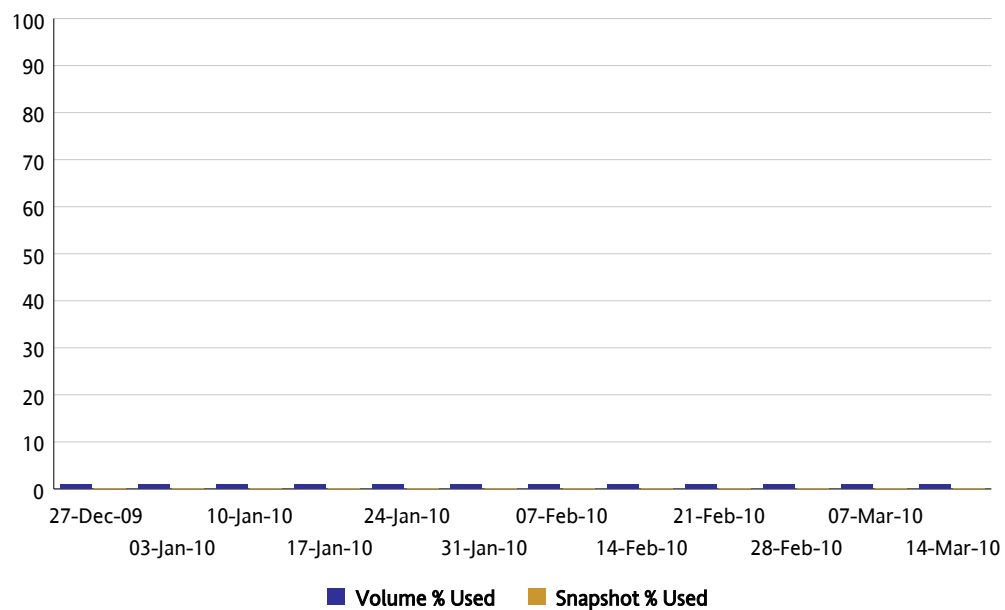


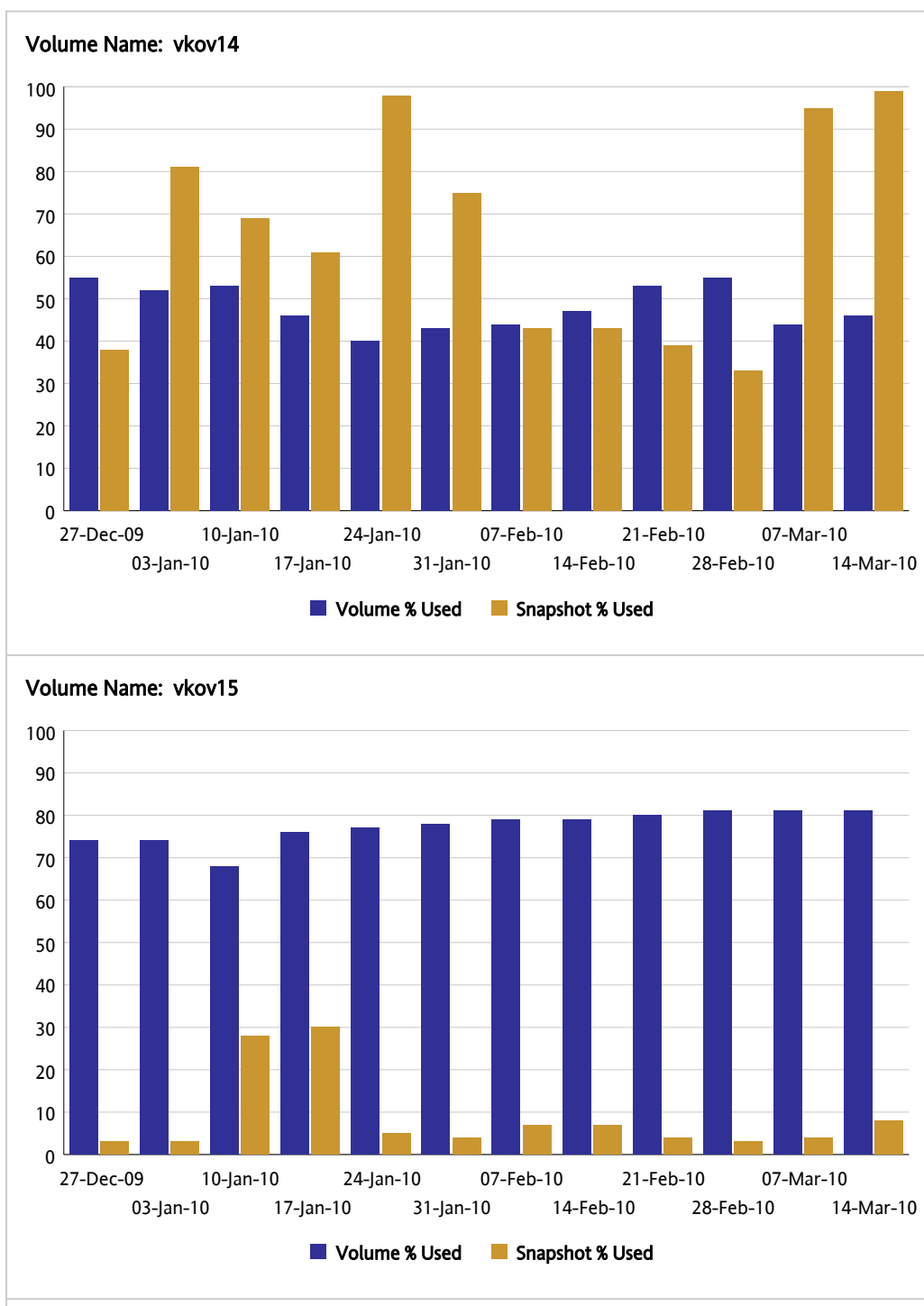


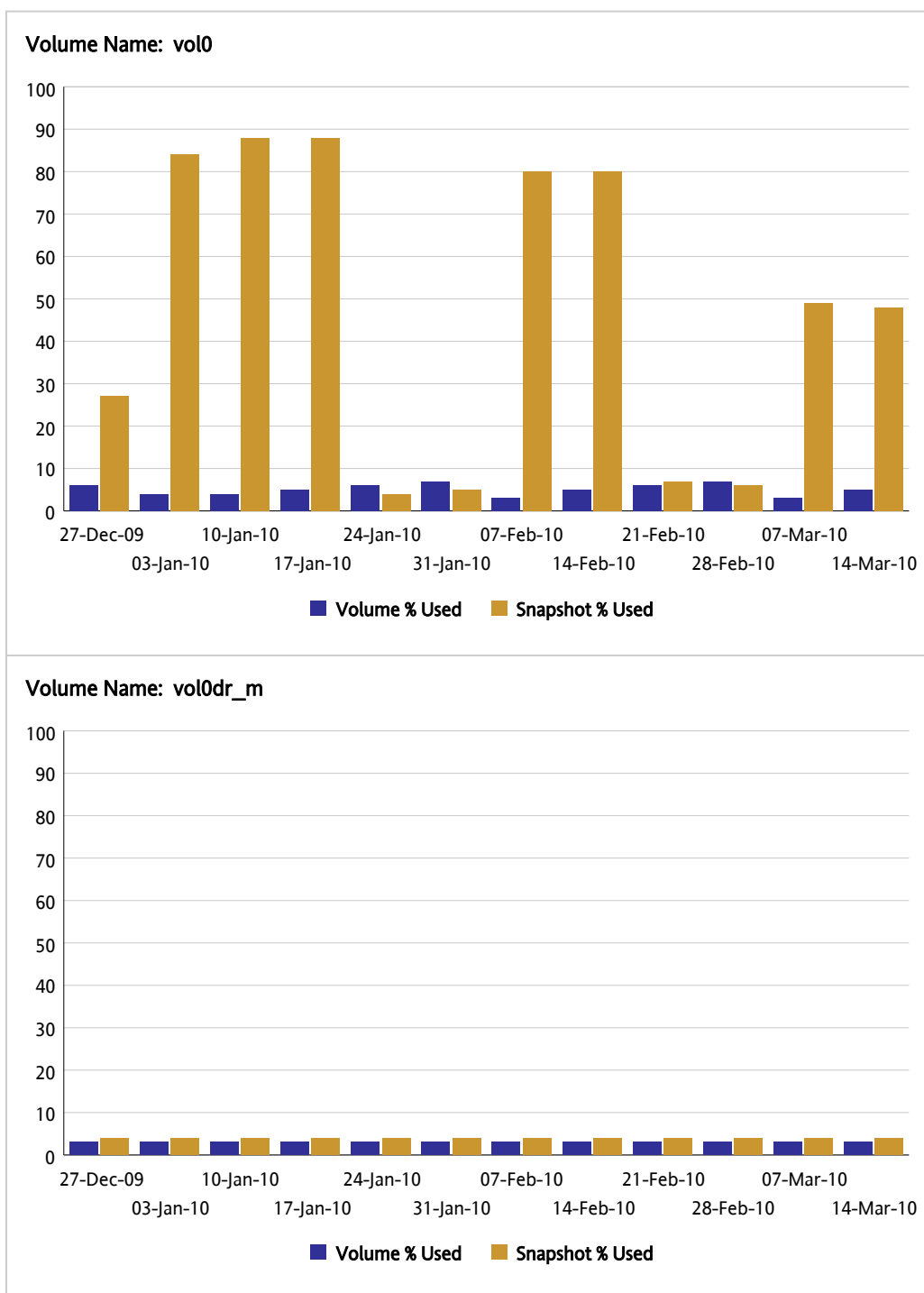
Volume Name: vkov12



Volume Name: vkov13







Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
		/vol/vol0dr_m/auditlog	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov01	/vol/vkov01/-	NORMAL
		/vol/vkov01/ctiq033	NORMAL
		/vol/vkov01/ctiq034	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq035	NORMAL
		/vol/vkov02/ctiq036	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq037	NORMAL
		/vol/vkov03/ctiq038	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq039	NORMAL
		/vol/vkov04/ctiq040	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq041	NORMAL
		/vol/vkov05/ctiq042	NORMAL
aggr2	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq043	NORMAL
		/vol/vkov06/ctiq044	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq045	NORMAL
		/vol/vkov07/ctiq046	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq047	NORMAL
		/vol/vkov08/ctiq048	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq083	NORMAL
		/vol/vkov09/ctiq084	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq085	NORMAL
		/vol/vkov10/ctiq086	NORMAL
aggr3	vkov11	/vol/vkov11/-	NORMAL
		/vol/vkov11/ctiq087	NORMAL
		/vol/vkov11/ctiq088	NORMAL
	vkov12	/vol/vkov12/-	NORMAL
		/vol/vkov12/ctiq089	NORMAL
		/vol/vkov12/ctiq090	NORMAL
	vkov13	/vol/vkov13/-	NORMAL
		/vol/vkov13/ctiq091	NORMAL
		/vol/vkov13/ctiq092	NORMAL
	vkov14	/vol/vkov14/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr3	vkov14	/vol/vkov14/ctiq093	NORMAL
		/vol/vkov14/ctiq094	NORMAL
	vkov15	/vol/vkov15/-	NORMAL
		/vol/vkov15/ctiq095	NORMAL
		/vol/vkov15/ctiq096	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SNAPMIRRORED	vkocinas003	vkov01	vkocinas003dr	/vol/vkov01/-
SNAPMIRRORED	vkocinas003	vkov02	vkocinas003dr	/vol/vkov02/-
SNAPMIRRORED	vkocinas003	vkov03	vkocinas003dr	/vol/vkov03/-
SNAPMIRRORED	vkocinas003	vkov04	vkocinas003dr	/vol/vkov04/-
SNAPMIRRORED	vkocinas003	vkov05	vkocinas003dr	/vol/vkov05/-
SNAPMIRRORED	vkocinas003	vkov06	vkocinas003dr	/vol/vkov06/-
SNAPMIRRORED	vkocinas003	vkov07	vkocinas003dr	/vol/vkov07/-
SNAPMIRRORED	vkocinas003	vkov08	vkocinas003dr	/vol/vkov08/-
SNAPMIRRORED	vkocinas003	vkov09	vkocinas003dr	/vol/vkov09/-
SNAPMIRRORED	vkocinas003	vkov10	vkocinas003dr	/vol/vkov10/-
SNAPMIRRORED	vkocinas003	vkov11	vkocinas003dr	/vol/vkov11/-
SNAPMIRRORED	vkocinas003	vkov12	vkocinas003dr	/vol/vkov12/-
SNAPMIRRORED	vkocinas003	vkov13	vkocinas003dr	/vol/vkov13/-
SNAPMIRRORED	vkocinas003	vkov14	vkocinas003dr	/vol/vkov14/-
SNAPMIRRORED	vkocinas003	vkov15	vkocinas003dr	/vol/vkov15/-
SNAPMIRRORED	vkocinas003	vol0	vkocinas003dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e1a	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	ISCSI Port Name
0e	ONLINE		169.190.110.104	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
Dfs_referral	2312112	11.00%
IPC	4194040	20.00%
login	2816765	13.00%
logout	2426727	11.00%
tconX	3212542	15.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
-------------	--------------	-----------------	----------------------------

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipspace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas001
Serial Number: 2074933
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas002

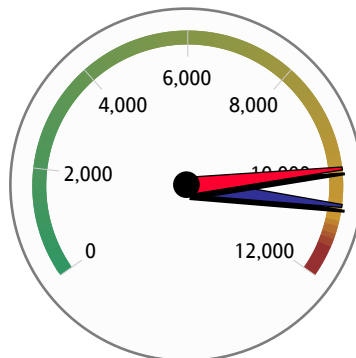
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

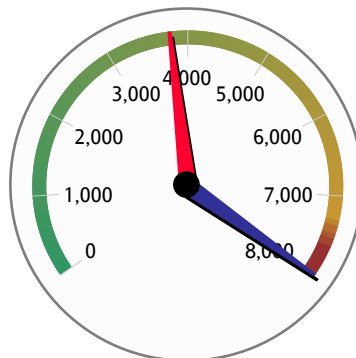
Component	Count
Shelves	8
Disk	112

Aggregate Utilization



■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	34
DATA	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	60
DPARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	3
DPARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	4
PARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	1
PARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	6
SPARE	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	3
SPARE	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	1
Summary							112

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	108
		aggr1	
		aggr2	
		aggr3	
rg1	RAID_DP	aggr1	
		aggr2	
		aggr3	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
aggr2	vkov06
	vkov07
	vkov08
	vkov09
	vkov10
aggr3	vkov11
	vkov12
	vkov13
	vkov14
	vkov15

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	30	2 13 13@0,12	20.00%	6.00%
vkov01	30	2 13 13@0,12	20.00%	75.00%
vkov02	29	2 13 13@0,12	20.00%	4.00%
vkov03	30	2 13 13@0,12	20.00%	83.00%
vkov04	29	2 13 13@0,12	20.00%	22.00%
vkov05	30	2 13 13@0,12	20.00%	99.00%
vkov06	30	2 13 13@0,12	20.00%	14.00%
vkov07	29	2 13 13@0,12	20.00%	38.00%
vkov08	29	2 13 13@0,12	20.00%	5.00%
vkov09	30	2 13 13@0,12	20.00%	1.00%
vkov10	30	2 13 13@0,12	20.00%	2.00%
vkov11	30	2 13 13@0,12	20.00%	0.00%
vkov12	30	2 13 13@0,12	20.00%	0.00%
vkov13	30	2 13 13@0,12	20.00%	0.00%
vkov14	30	2 13 13@0,12	20.00%	0.00%
vkov15	30	2 13 13@0,12	20.00%	4.00%
vol0dr_m	28	2 13 13@0,12	20.00%	0.00%

Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	114.00	100.00	13.00	88.00 %	12.00 %
aggr1	3,520.00	3,304.00	216.00	94.00 %	6.00 %
aggr2	3,520.00	3,303.00	217.00	94.00 %	6.00 %
aggr3	3,520.00	3,301.00	218.00	94.00 %	6.00 %

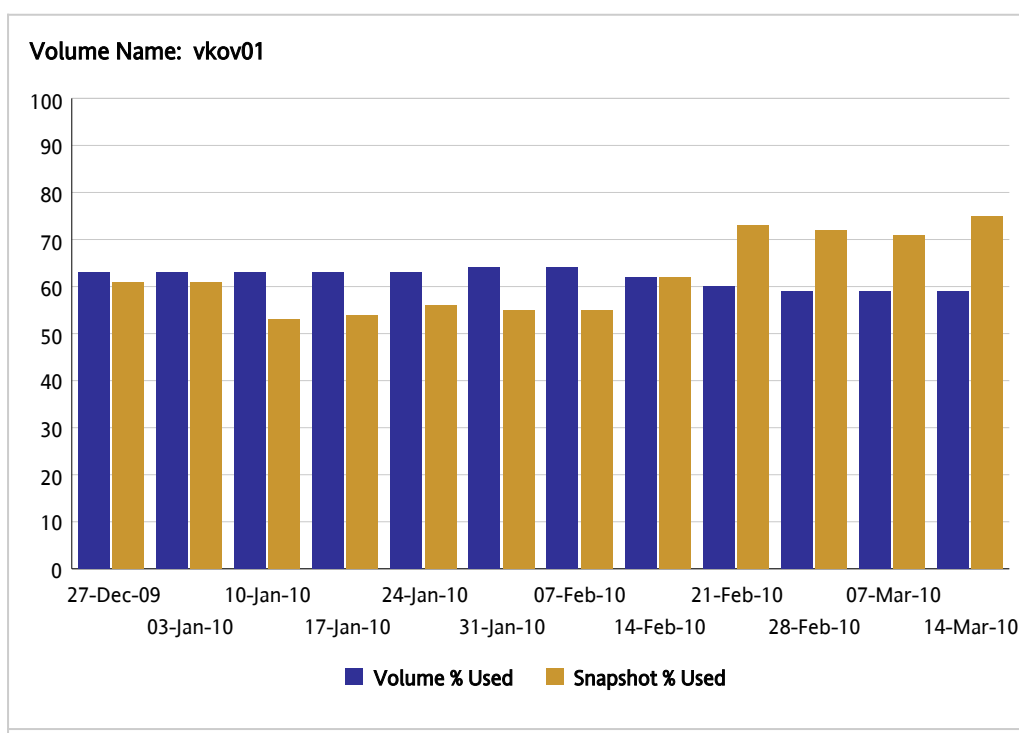
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	1.00	38.75	3.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	0.00	40.00	0.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	310.00	217.89	59.00 %	3.00 %
	vkov02	FLEX	ONLINE	528.00	468.00	59.63	89.00 %	3.00 %
	vkov03	FLEX	ONLINE	528.00	322.00	205.70	61.00 %	3.00 %
	vkov04	FLEX	ONLINE	528.00	439.00	88.92	83.00 %	8.00 %
	vkov05	FLEX	ONLINE	528.00	455.00	72.70	86.00 %	4.00 %
aggr2	vkov06	FLEX	ONLINE	528.00	362.00	166.15	69.00 %	1.00 %

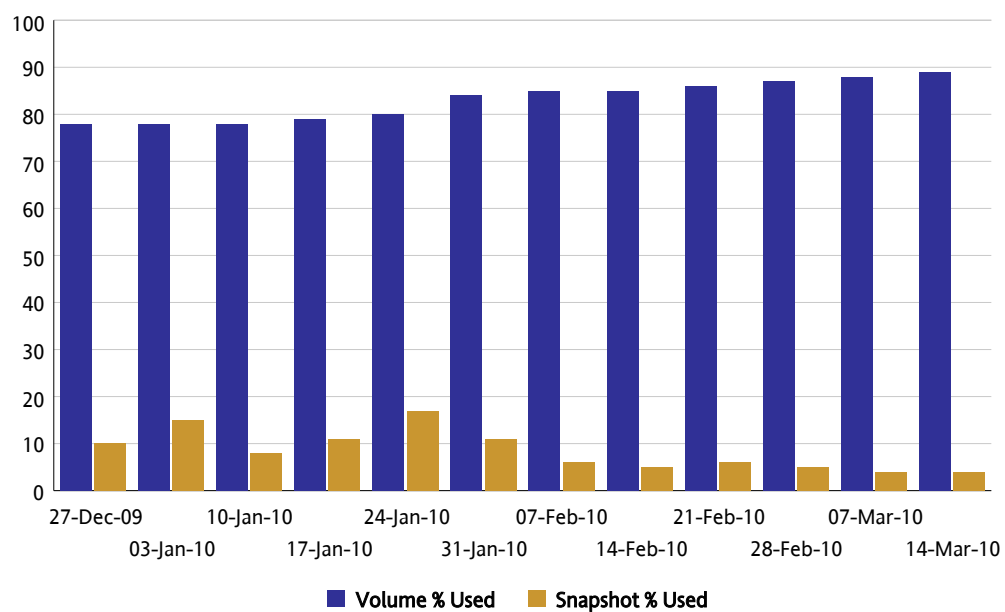
Volume Usage Summary

Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr2	vkov07	FLEX	ONLINE	528.00	403.00	124.75	76.00 %	2.00 %
	vkov08	FLEX	ONLINE	528.00	402.00	125.80	76.00 %	9.00 %
	vkov09	FLEX	ONLINE	528.00	133.00	394.79	25.00 %	1.00 %
	vkov10	FLEX	ONLINE	528.00	55.00	472.66	10.00 %	1.00 %
aggr3	vkov11	FLEX	ONLINE	528.00	120.00	407.76	23.00 %	0.00 %
	vkov12	FLEX	ONLINE	528.00	59.00	469.32	11.00 %	0.00 %
	vkov13	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov14	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov15	FLEX	ONLINE	528.00	246.00	281.96	47.00 %	3.00 %

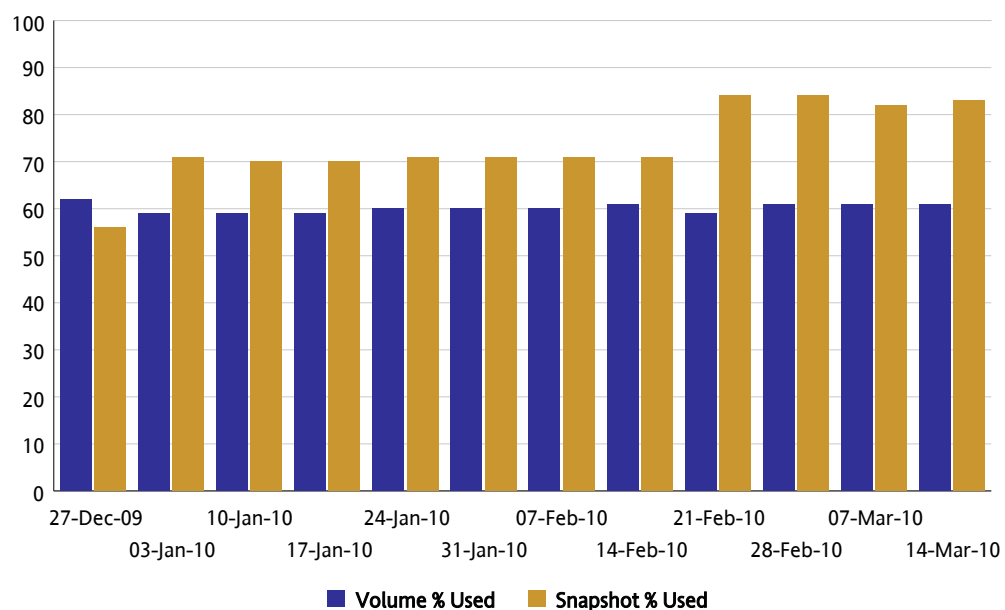
Disk Space Utilization



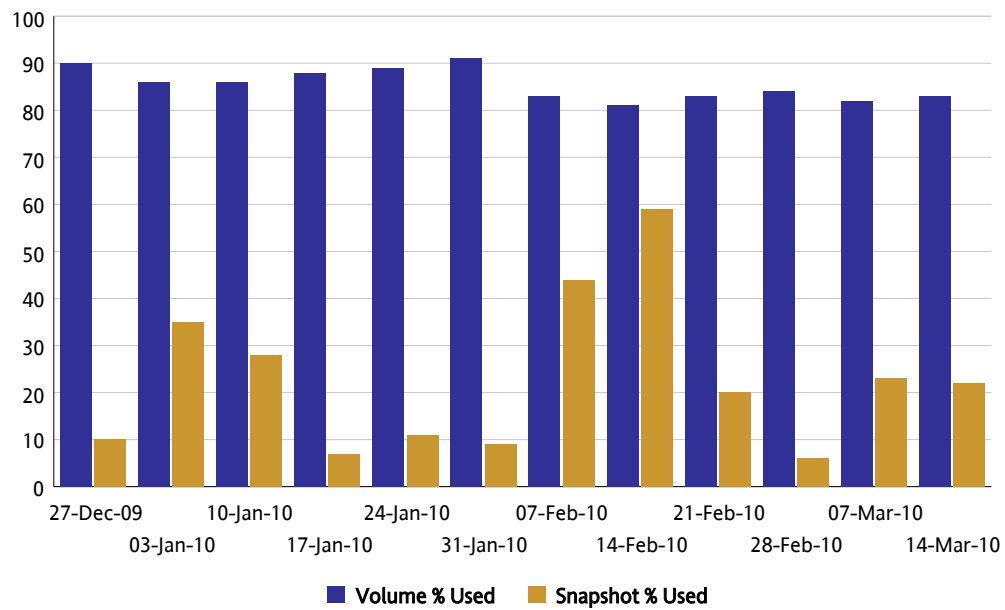
Volume Name: vkov02



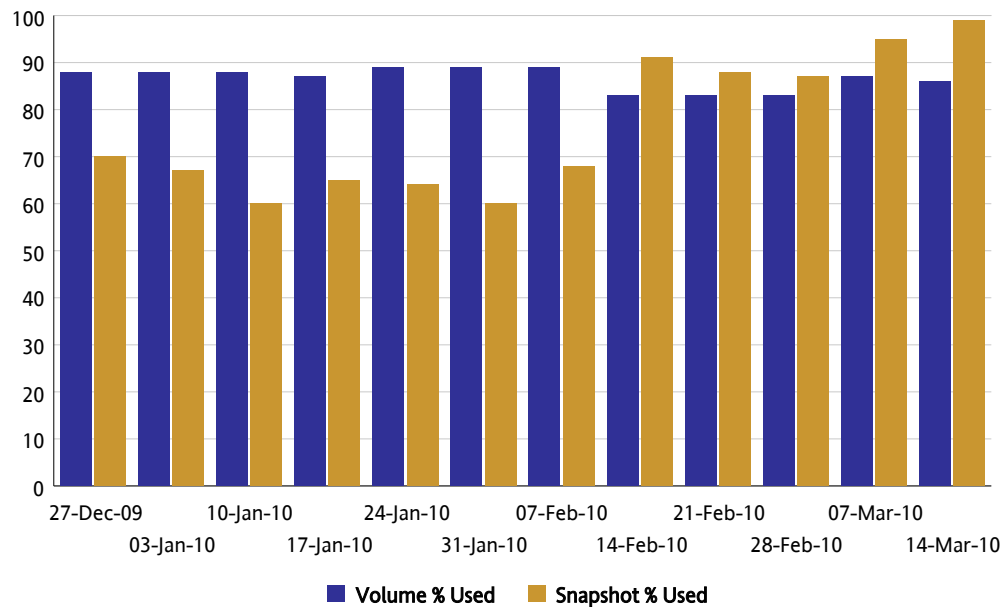
Volume Name: vkov03

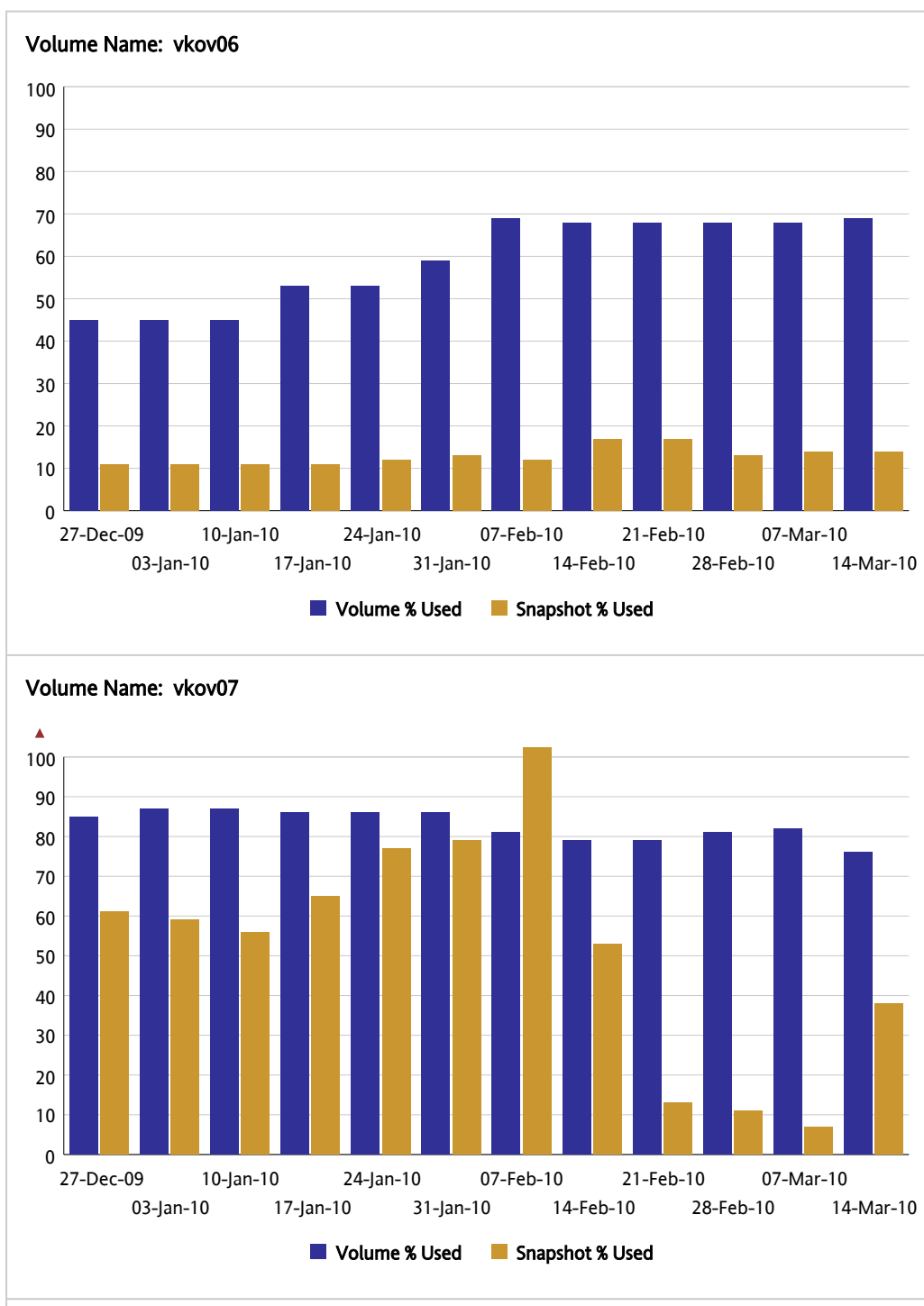


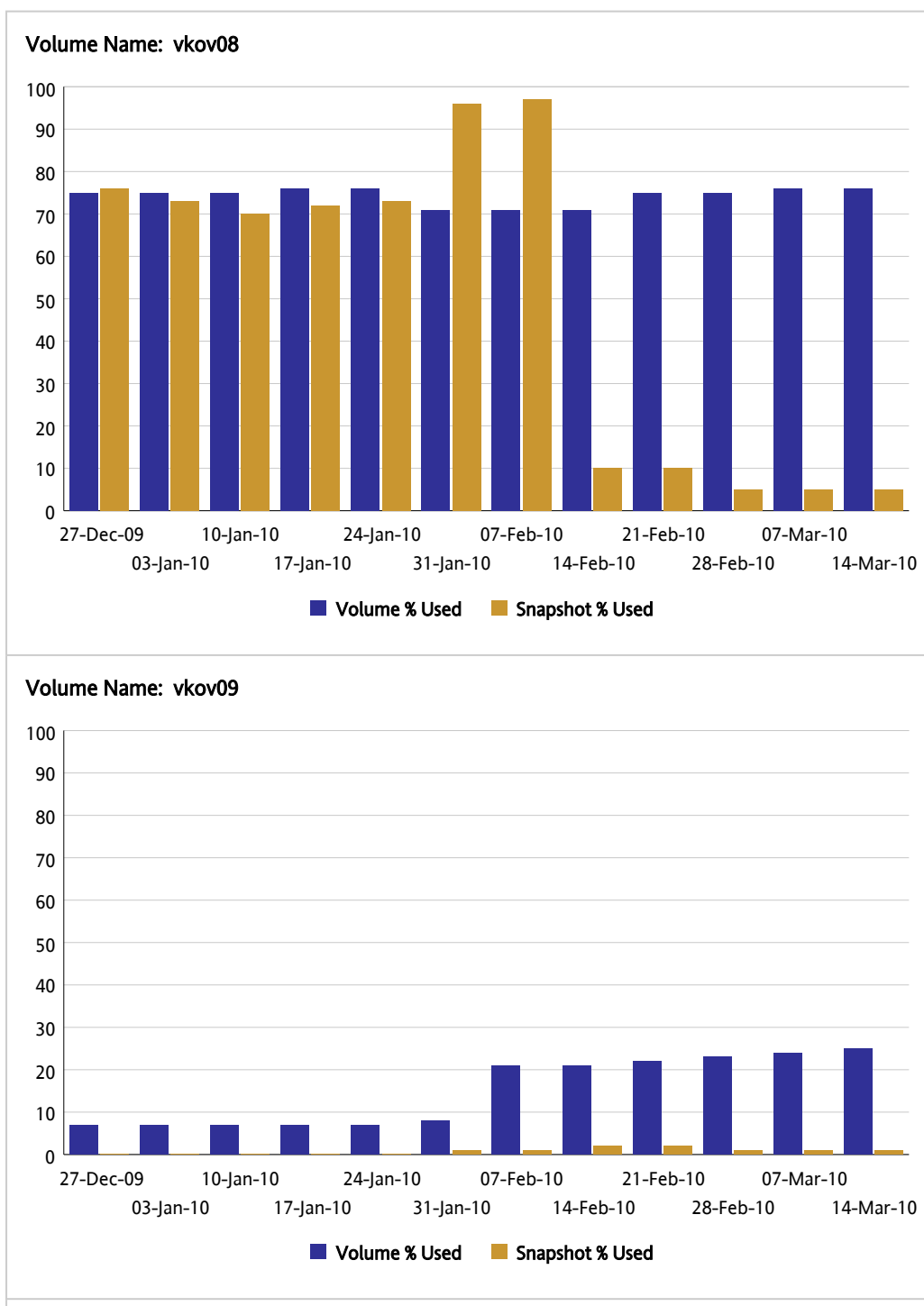
Volume Name: vkov04



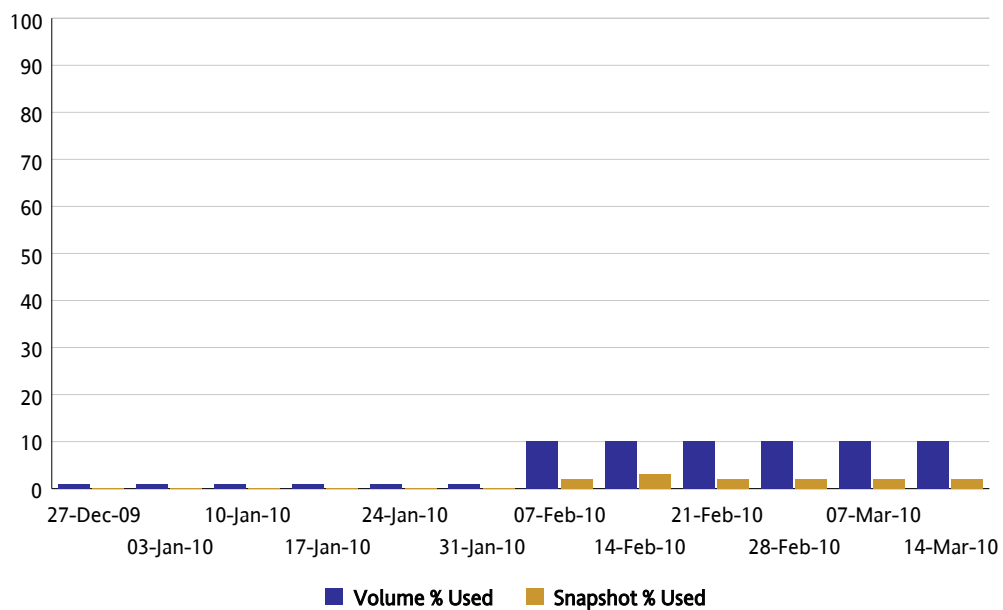
Volume Name: vkov05



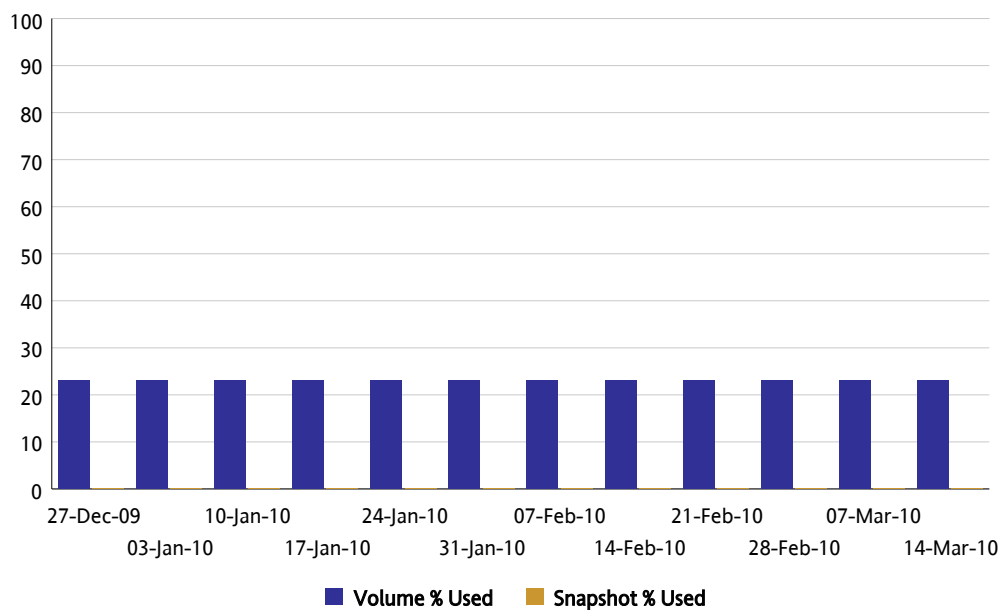




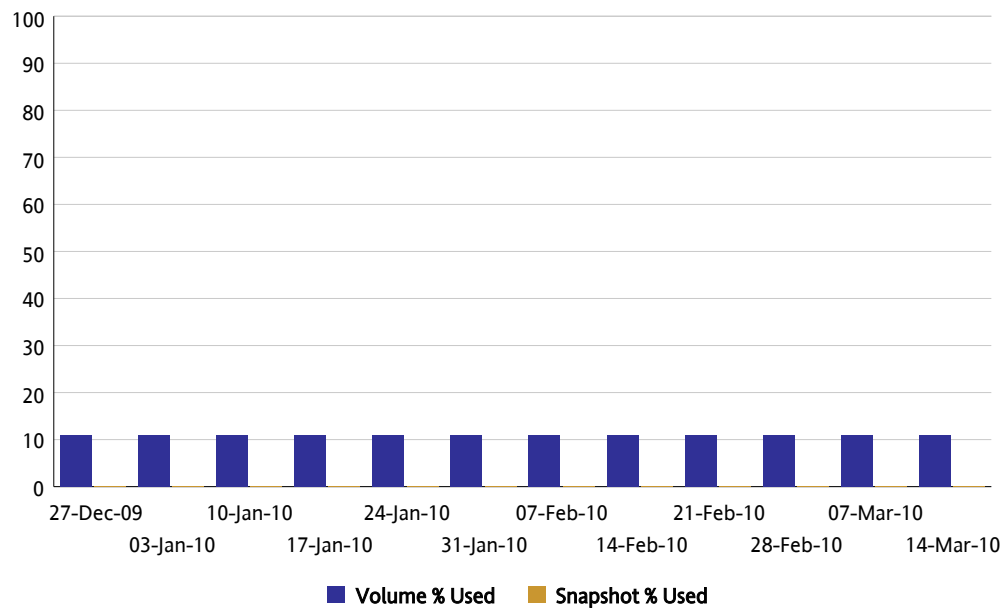
Volume Name: vkov10



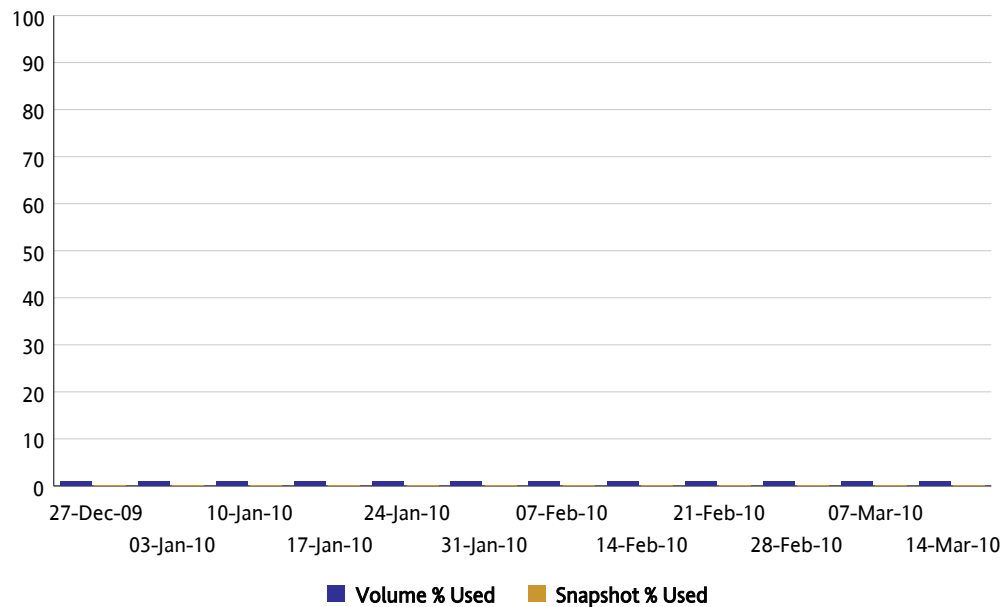
Volume Name: vkov11



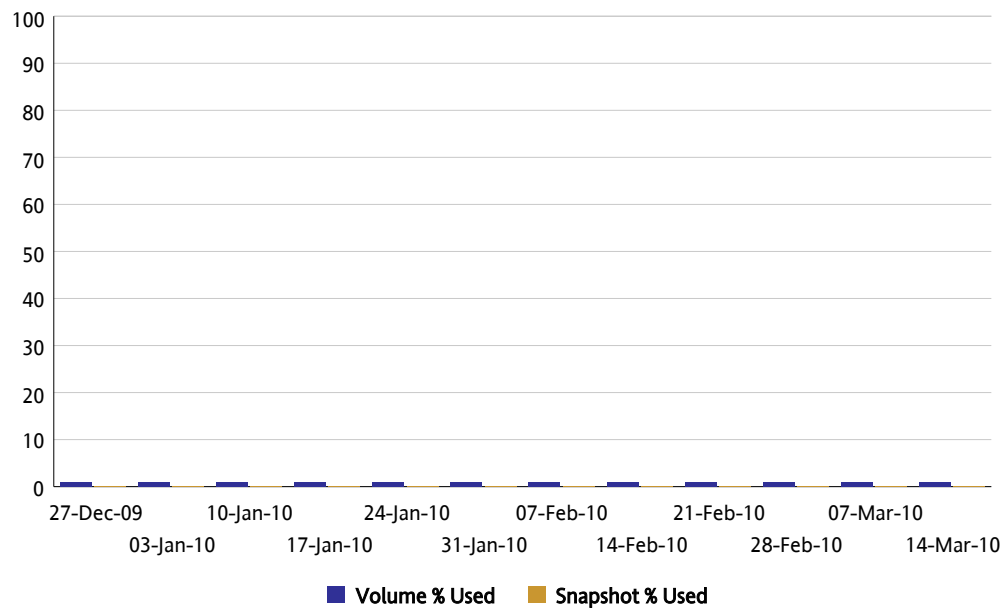
Volume Name: vkov12



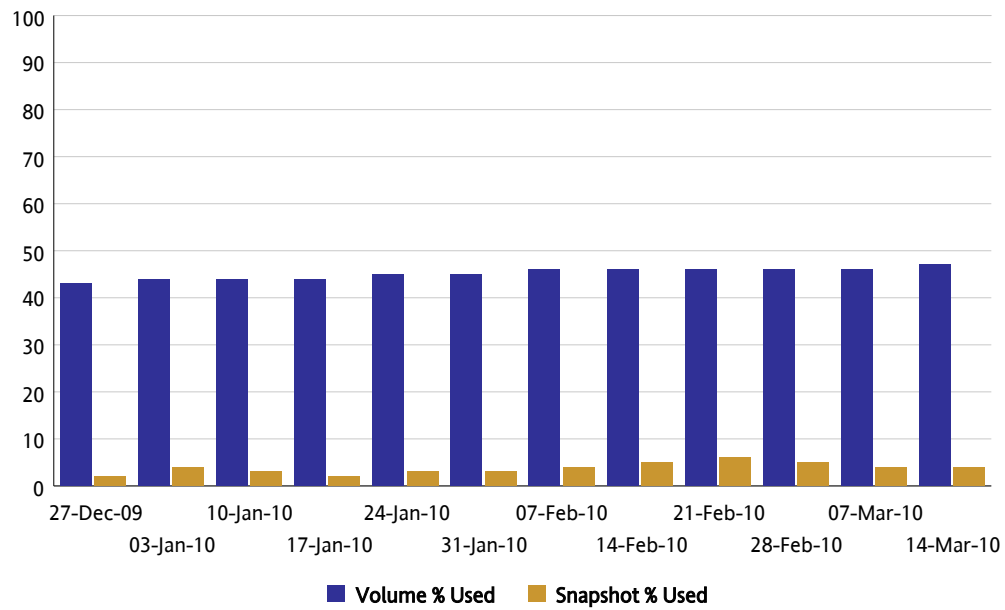
Volume Name: vkov13



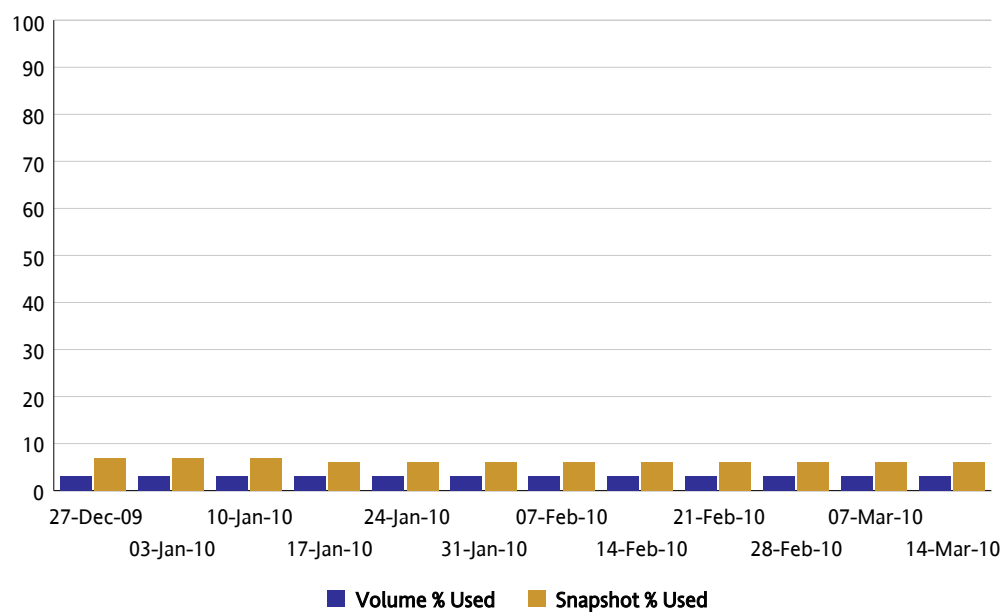
Volume Name: vkov14



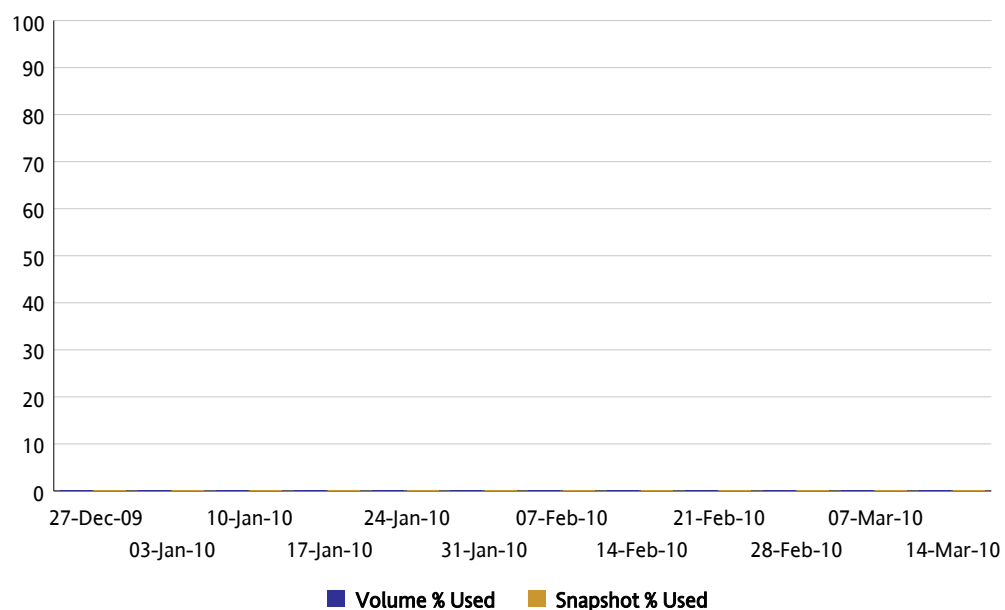
Volume Name: vkov15



Volume Name: vol0



Volume Name: vol0dr_m



Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov01	/vol/vkov01/ctiq001	NORMAL
		/vol/vkov01/ctiq002	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq003	NORMAL
		/vol/vkov02/ctiq004	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq005	NORMAL
		/vol/vkov03/ctiq006	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq007	NORMAL
		/vol/vkov04/ctiq008	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq009	NORMAL
		/vol/vkov05/ctiq010	NORMAL
aggr2	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq011	NORMAL
		/vol/vkov06/ctiq012	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq013	NORMAL
		/vol/vkov07/ctiq014	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq015	NORMAL
		/vol/vkov08/ctiq016	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq069	NORMAL
		/vol/vkov09/ctiq070	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq071	NORMAL
		/vol/vkov10/ctiq072	NORMAL
aggr3	vkov11	/vol/vkov11/-	NORMAL
		/vol/vkov11/ctiq073	NORMAL
		/vol/vkov11/ctiq074	NORMAL
	vkov12	/vol/vkov12/-	NORMAL
		/vol/vkov12/ctiq075	NORMAL
		/vol/vkov12/ctiq076	NORMAL
	vkov13	/vol/vkov13/-	NORMAL
		/vol/vkov13/ctiq077	NORMAL
		/vol/vkov13/ctiq078	NORMAL
	vkov14	/vol/vkov14/-	NORMAL
		/vol/vkov14/ctiq079	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr3	vkov14	/vol/vkov14/ctiq080	NORMAL
	vkov15	/vol/vkov15/-	NORMAL
		/vol/vkov15/ctiq081	NORMAL
		/vol/vkov15/ctiq082	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SOURCE	vkocinas001	/vol/vkov01/-	vkocinas001dr	/vol/vkov01/-
SOURCE	vkocinas001	/vol/vkov02/-	vkocinas001dr	/vol/vkov02/-
SOURCE	vkocinas001	/vol/vkov03/-	vkocinas001dr	/vol/vkov03/-
SOURCE	vkocinas001	/vol/vkov04/-	vkocinas001dr	/vol/vkov04/-
SOURCE	vkocinas001	/vol/vkov05/-	vkocinas001dr	/vol/vkov05/-
SOURCE	vkocinas001	/vol/vkov06/-	vkocinas001dr	/vol/vkov06/-
SOURCE	vkocinas001	/vol/vkov07/-	vkocinas001dr	/vol/vkov07/-
SOURCE	vkocinas001	/vol/vkov08/-	vkocinas001dr	/vol/vkov08/-
SOURCE	vkocinas001	/vol/vkov09/-	vkocinas001dr	/vol/vkov09/-
SOURCE	vkocinas001	/vol/vkov10/-	vkocinas001dr	/vol/vkov10/-
SOURCE	vkocinas001	/vol/vkov11/-	vkocinas001dr	/vol/vkov11/-
SOURCE	vkocinas001	/vol/vkov12/-	vkocinas001dr	/vol/vkov12/-
SOURCE	vkocinas001	/vol/vkov13/-	vkocinas001dr	/vol/vkov13/-
SOURCE	vkocinas001	/vol/vkov14/-	vkocinas001dr	/vol/vkov14/-
SOURCE	vkocinas001	/vol/vkov15/-	vkocinas001dr	/vol/vkov15/-
SOURCE	vkocinas001	/vol/vol0/-	vkocinas001dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000	-					Full	

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
	Ethernet Controller V						Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	ISCSI Port Name
0e	ONLINE		169.190.110.102	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
NTCreateX	217196236	6.00%
find_first2	293102261	8.00%
lockingX	208367256	6.00%
query_path_info	637914110	18.00%
readX	1483079074	42.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
-------------	--------------	-----------------	----------------------------

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ipspace	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com

SYSTEM REVIEW



Host Name: vkocinas003
Serial Number: 2074934
Last Update: 14-Mar-2010

Model: FAS3050
O/S: 7.2.5.1P6D15
Partner Name: vkocinas004

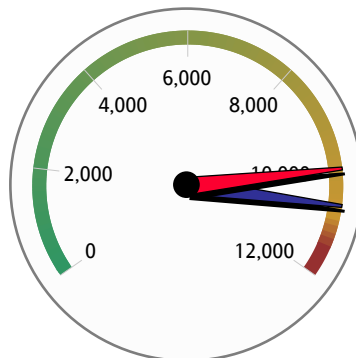
Installed Products

Product Name
CIFS
CLUSTER
ISCSI
MULTISTORE
NFS
SNAPMIRROR
SNAPRESTORE

Hardware Summary

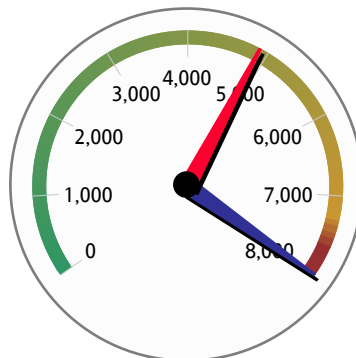
Component	Count
Shelves	8
Disk	112

Aggregate Utilization



■ Used Aggregate GB ■ Total Aggregate GB

Volume Utilization



■ Used Volume GB ■ Total Volume GB

ASUP Contact: intnas.alerts@imceu.eu.smb.com
SNMP Contact & Location: No information provided
ASUP Minimal Flag: F

System Slot Inventory

Slot Number	Part Number	Description
0	110-00057	Remote LAN Module
0		Dual 10/100/1000 Ethernet Controller VI
0		FC Host Adapter (Dual-channel, QLogic 2322 rev. 3)
0		SCSI Host Adapter (Adaptec AIC7892)
1	X1047	Quad 10/100/1000 Ethernet Controller V
2	X2052A	FC Host Adapter (LSI Logic 949X rev. A.1)
3	X3145A	NVRAM V

Disk Summary

Disk Label	Disk Model, Disk Make	Current FW, Latest FW	Checksum Type	Disk Size GB	Disk Bytes Per Sector	Shelf Type	Disk Count
DATA	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	47
DATA	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	47
DPARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	4
DPARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	3
PARITY	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	3
PARITY	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	4
SPARE	X274_HPYTA146F10 NETAPP	NA03 NA04		136.00	520	DS14-Mk2-FC	1
SPARE	X274_S10K7146F10 NETAPP	NA07 NA07		136.00	520	DS14-Mk2-FC	2
SPARE	X274_SCHT6146F10 NETAPP	NA16 NA16		136.00	520	DS14-Mk2-FC	1
Summary							112

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

Shelf Summary

Shelf Type	Shelf Module Type	Latest FW	Current FW	Shelf Count
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1
DS14-Mk2-FC	ESH2	20	19	1

RAID Configuration

RAID Group Name	RAID Type	Aggregate Name	Disk Count
rg0	RAID_DP	aggr0	108
		aggr1	
		aggr2	
		aggr3	
rg1	RAID_DP	aggr1	
		aggr2	
		aggr3	

Aggregate and Volume Configuration

Aggregate Name	Volume Name
aggr0	vol0
	vol0dr_m
aggr1	vkov01
	vkov02
	vkov03
	vkov04
	vkov05
aggr2	vkov06
	vkov07
	vkov08
	vkov09
	vkov10
aggr3	vkov11
	vkov12
	vkov13
	vkov14
	vkov15

Snapshot Usage Summary

Volume Name	Snapshot Count	Snapshot Schedule	Snapshot Space Reserve %	Snap Reserve Used %
vol0	29	2 13 13@0,12	20.00%	4.00%
vkov01	29	2 13 13@0,12	20.00%	40.00%
vkov02	29	2 13 13@0,12	20.00%	15.00%
vkov03	29	2 13 13@0,12	20.00%	20.00%
vkov04	29	2 13 13@0,12	20.00%	81.00%
vkov05	29	2 13 13@0,12	20.00%	16.00%
vkov06	29	2 13 13@0,12	20.00%	15.00%
vkov07	29	2 13 13@0,12	20.00%	31.00%
vkov08	29	2 13 13@0,12	20.00%	53.00%
vkov09	29	2 13 13@0,12	20.00%	53.00%
vkov10	29	2 13 13@0,12	20.00%	0.00%
vkov11	29	2 13 13@0,12	20.00%	1.00%
vkov12	29	2 13 13@0,12	20.00%	0.00%
vkov13	29	2 13 13@0,12	20.00%	0.00%
vkov14	29	2 13 13@0,12	20.00%	99.00%
vkov15	29	2 13 13@0,12	20.00%	8.00%
vol0dr_m	28	2 13 13@0,12	20.00%	0.00%

Aggregate Usage Summary

Aggregate Name	Total GB	Used GB	Free GB	Used %	Free %
aggr0	114.00	100.00	13.00	88.00 %	12.00 %
aggr1	3,520.00	3,304.00	216.00	94.00 %	6.00 %
aggr2	3,520.00	3,303.00	216.00	94.00 %	6.00 %
aggr3	3,520.00	3,302.00	218.00	94.00 %	6.00 %

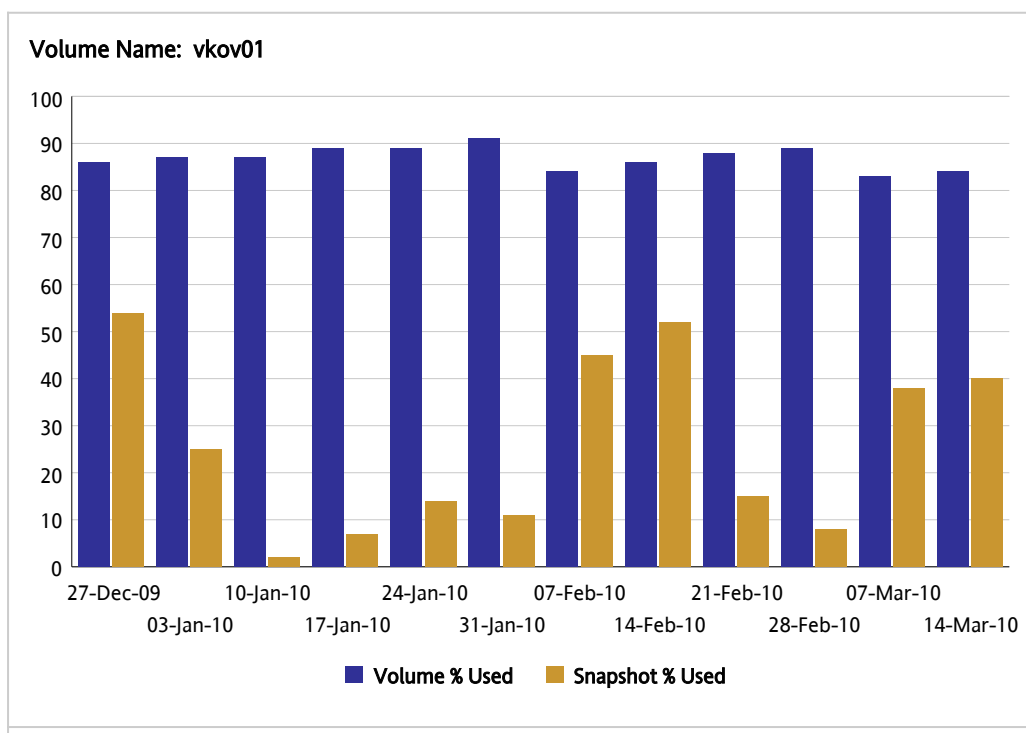
Volume Usage Summary

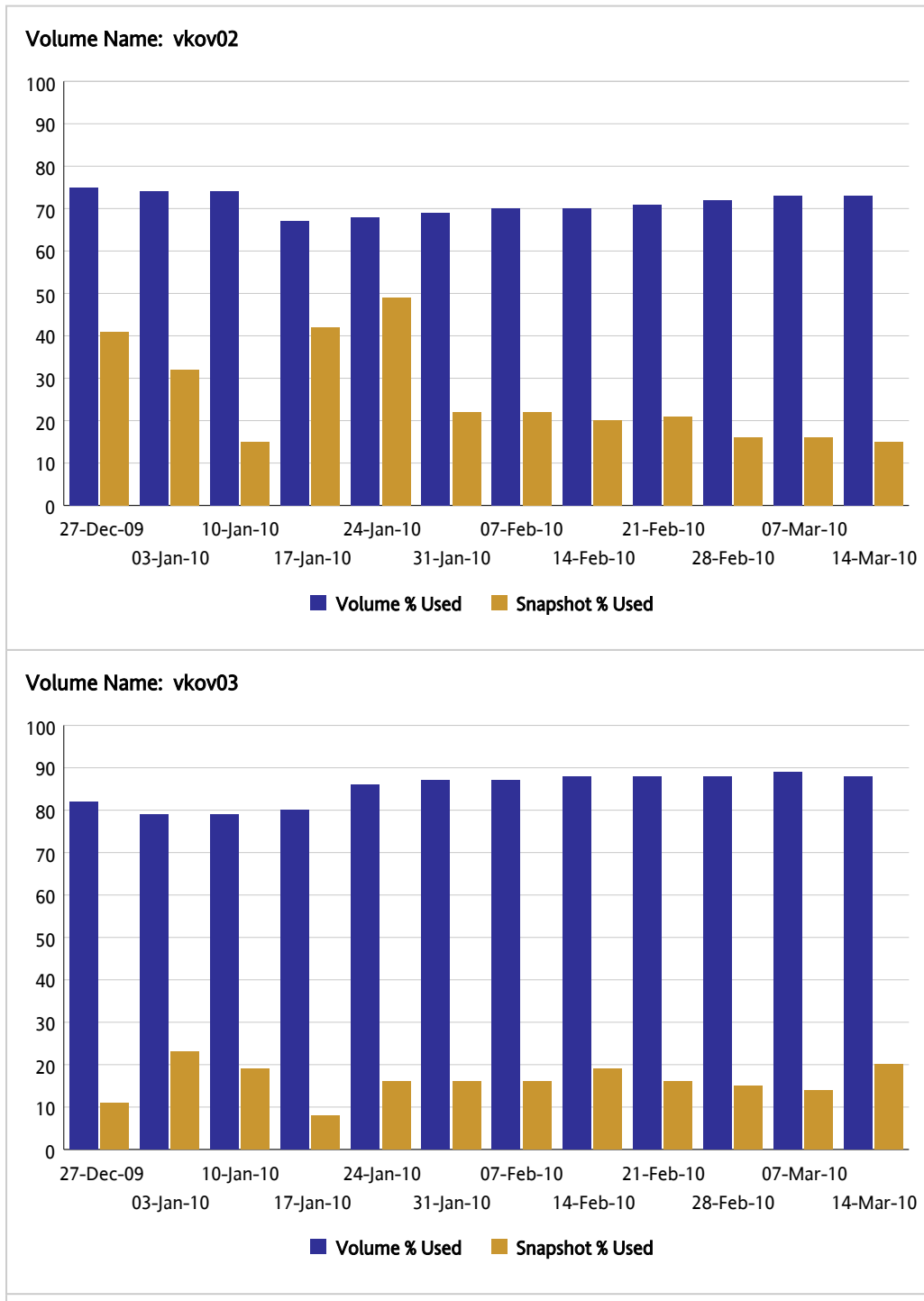
Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr0	vol0	FLEX	ONLINE	40.00	1.00	38.88	3.00 %	0.00 %
	vol0dr_m	FLEX	ONLINE	40.00	0.00	40.00	0.00 %	0.00 %
aggr1	vkov01	FLEX	ONLINE	528.00	445.00	82.76	84.00 %	1.00 %
	vkov02	FLEX	ONLINE	528.00	388.00	140.37	73.00 %	2.00 %
	vkov03	FLEX	ONLINE	528.00	464.00	63.67	88.00 %	5.00 %
	vkov04	FLEX	ONLINE	528.00	426.00	102.40	81.00 %	1.00 %
	vkov05	FLEX	ONLINE	528.00	456.00	72.29	86.00 %	2.00 %
aggr2	vkov06	FLEX	ONLINE	528.00	469.00	59.39	89.00 %	1.00 %

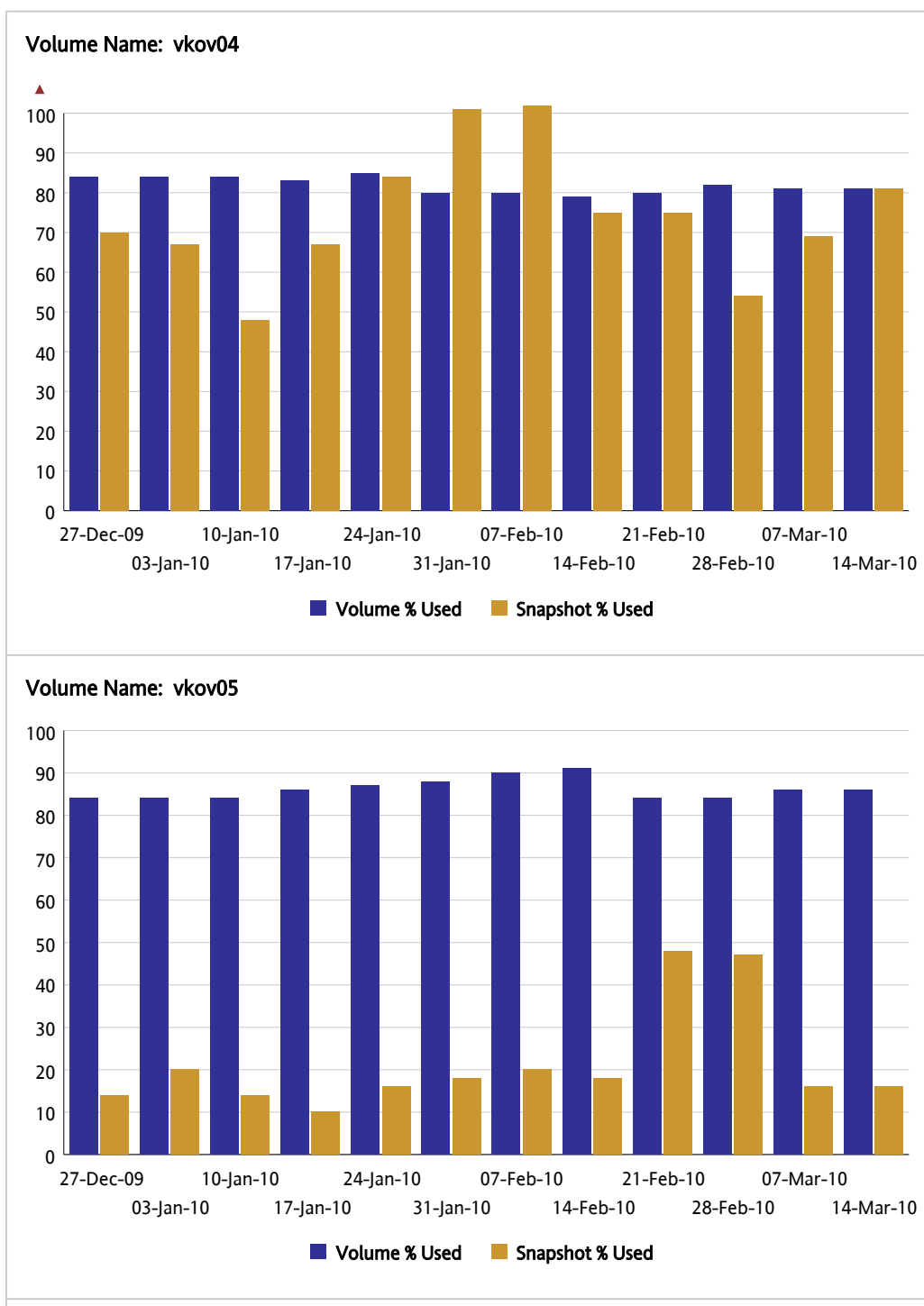
Volume Usage Summary

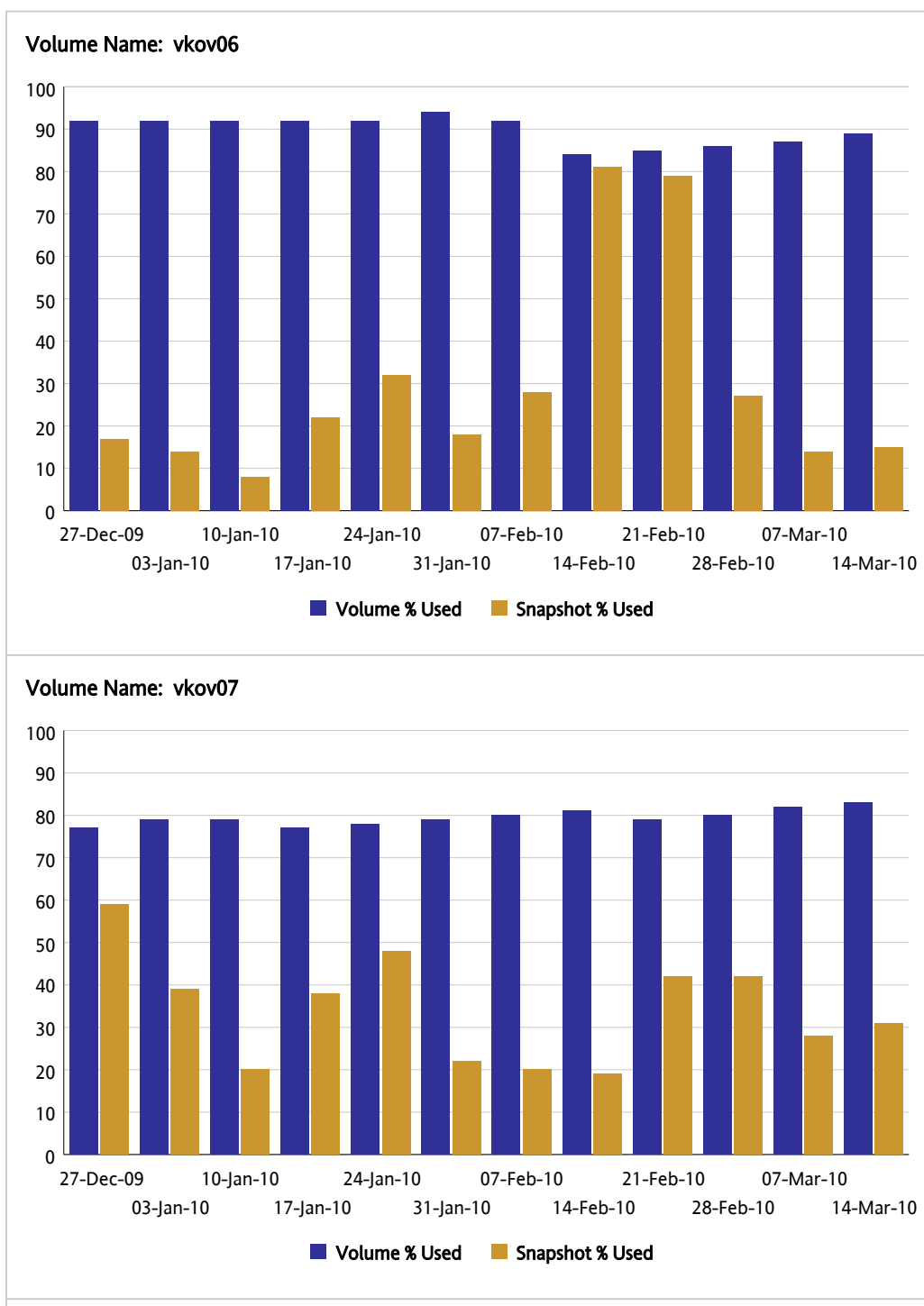
Aggregate Name	Volume Name	Volume Type	Volume State	Total GB	Used GB	Free GB	Used %	Inode Used %
aggr2	vkov07	FLEX	ONLINE	528.00	439.00	89.46	83.00 %	1.00 %
	vkov08	FLEX	ONLINE	528.00	422.00	106.09	80.00 %	1.00 %
	vkov09	FLEX	ONLINE	528.00	481.00	46.77	91.00 %	2.00 %
	vkov10	FLEX	ONLINE	528.00	177.00	351.16	33.00 %	0.00 %
aggr3	vkov11	FLEX	ONLINE	528.00	43.00	484.72	8.00 %	2.00 %
	vkov12	FLEX	ONLINE	528.00	4.00	523.95	1.00 %	0.00 %
	vkov13	FLEX	ONLINE	528.00	4.00	523.93	1.00 %	0.00 %
	vkov14	FLEX	ONLINE	528.00	244.00	284.25	46.00 %	1.00 %
	vkov15	FLEX	ONLINE	528.00	427.00	100.51	81.00 %	2.00 %

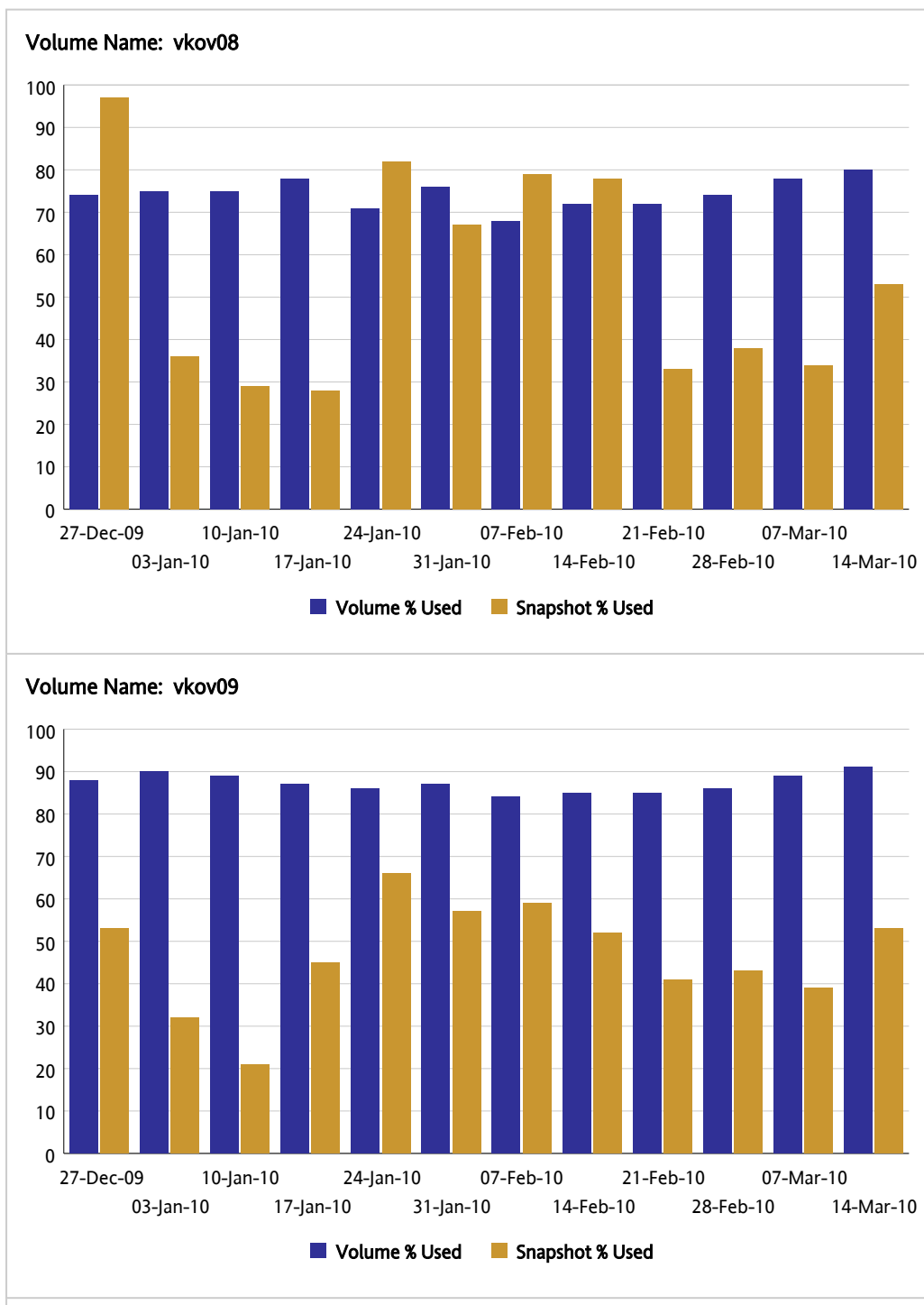
Disk Space Utilization

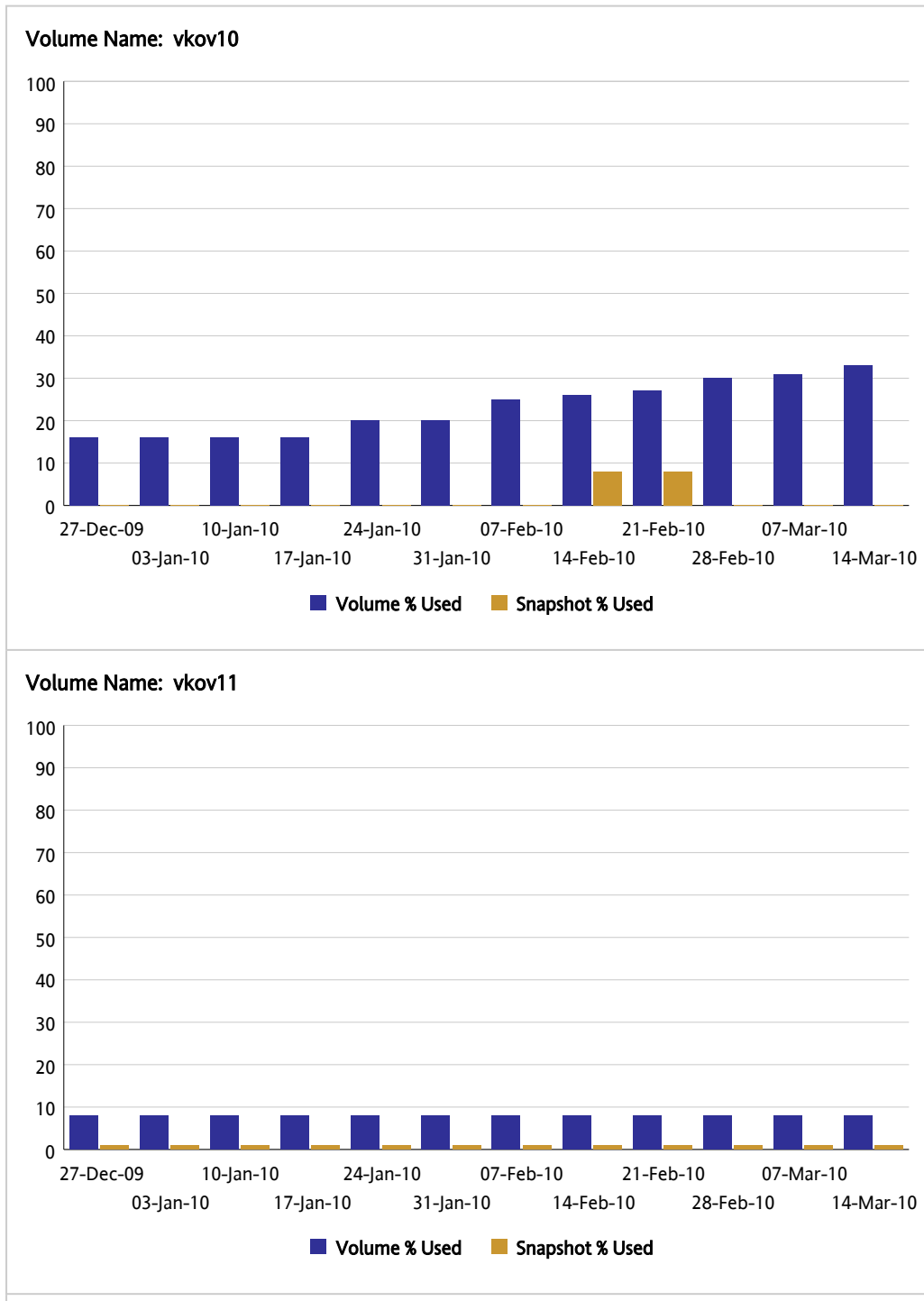




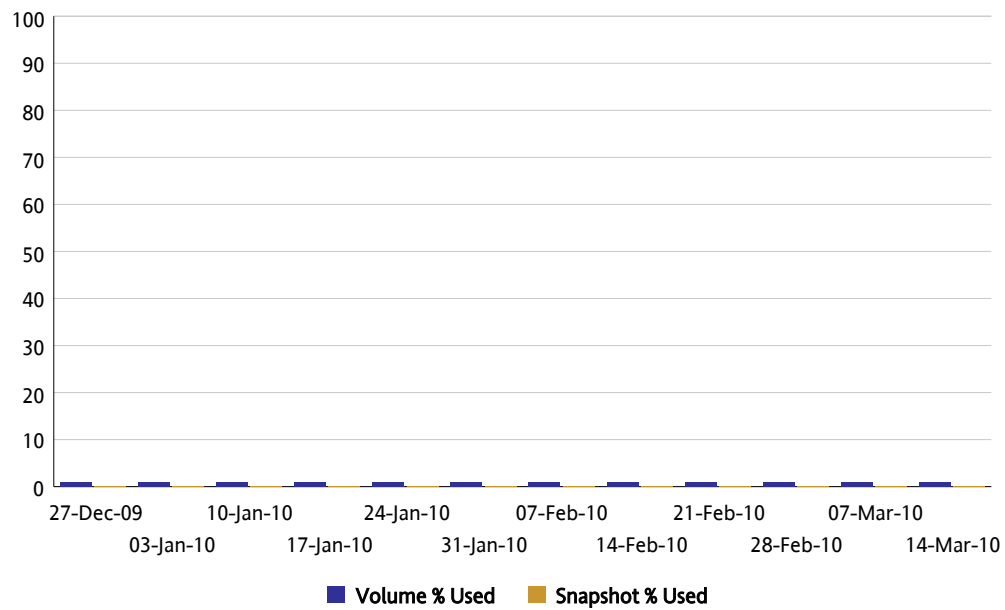




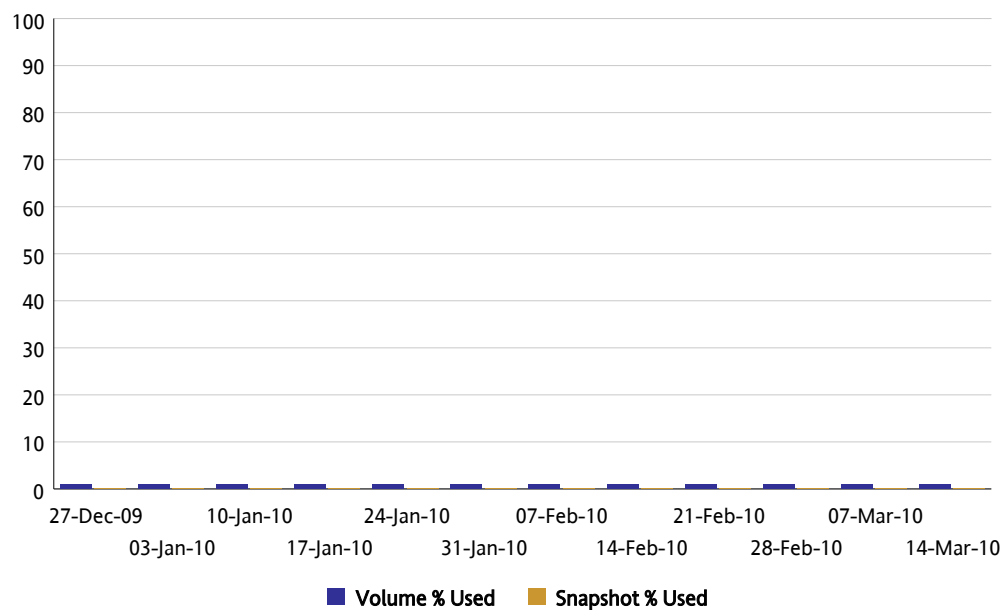


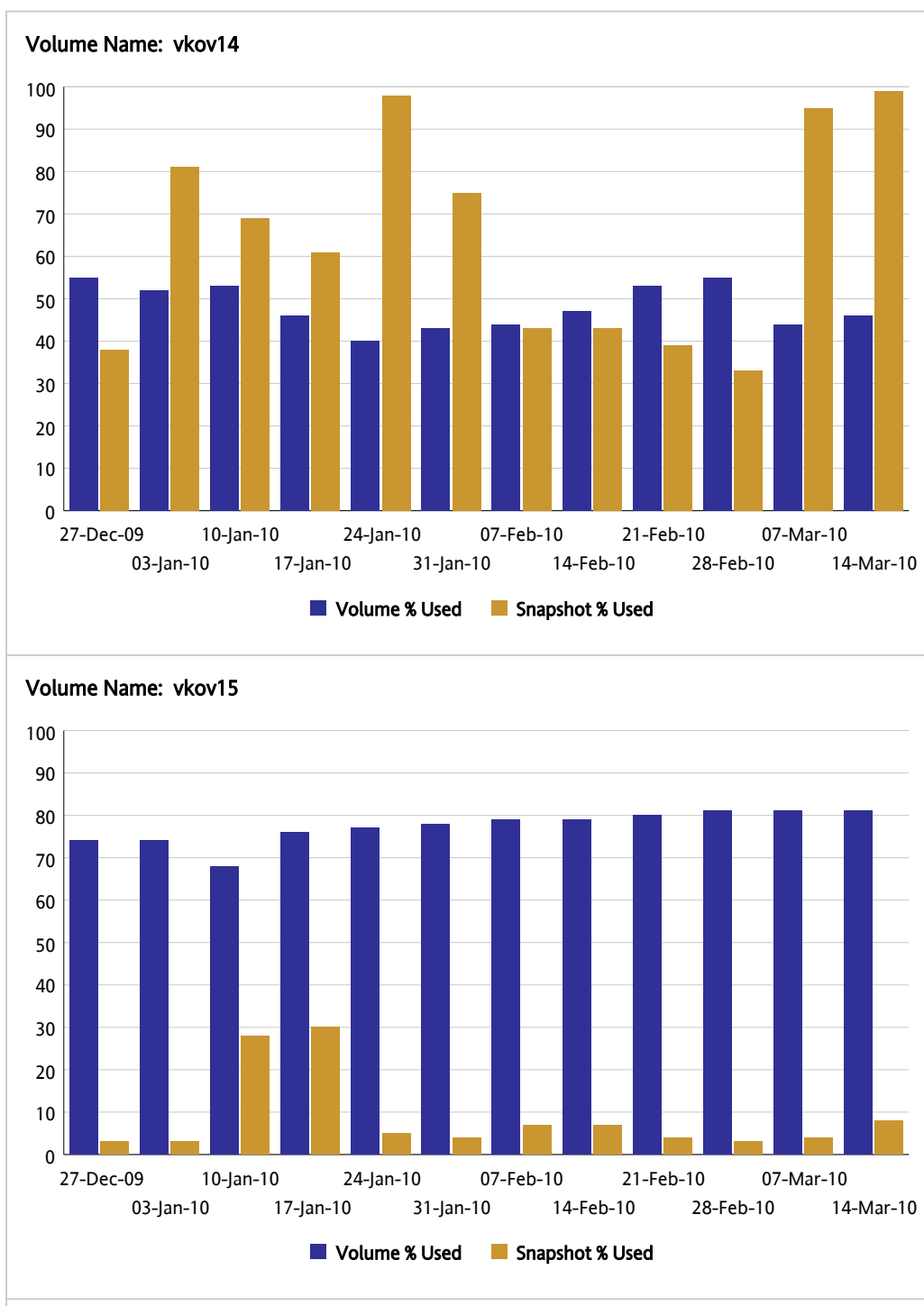


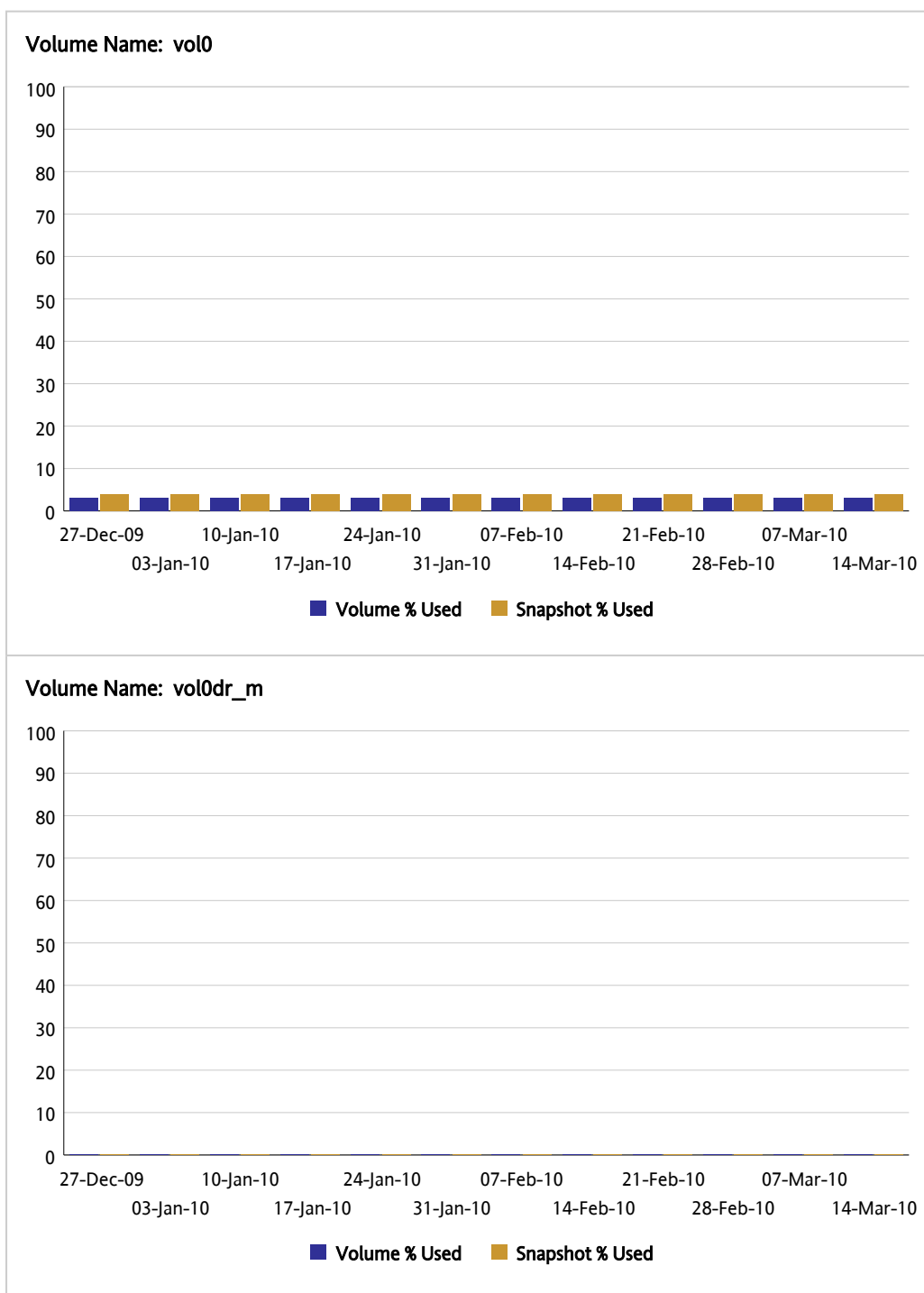
Volume Name: vkov12



Volume Name: vkov13







Qtree Status

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr0	vol0	/vol/vol0/-	NORMAL
		/vol/vol0/auditlog	NORMAL
	vol0dr_m	/vol/vol0dr_m/-	NORMAL
aggr1	vkov01	/vol/vkov01/-	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr1	vkov01	/vol/vkov01/ctiq033	NORMAL
		/vol/vkov01/ctiq034	NORMAL
	vkov02	/vol/vkov02/-	NORMAL
		/vol/vkov02/ctiq035	NORMAL
		/vol/vkov02/ctiq036	NORMAL
	vkov03	/vol/vkov03/-	NORMAL
		/vol/vkov03/ctiq037	NORMAL
		/vol/vkov03/ctiq038	NORMAL
	vkov04	/vol/vkov04/-	NORMAL
		/vol/vkov04/ctiq039	NORMAL
		/vol/vkov04/ctiq040	NORMAL
	vkov05	/vol/vkov05/-	NORMAL
		/vol/vkov05/ctiq041	NORMAL
		/vol/vkov05/ctiq042	NORMAL
aggr2	vkov06	/vol/vkov06/-	NORMAL
		/vol/vkov06/ctiq043	NORMAL
		/vol/vkov06/ctiq044	NORMAL
	vkov07	/vol/vkov07/-	NORMAL
		/vol/vkov07/ctiq045	NORMAL
		/vol/vkov07/ctiq046	NORMAL
	vkov08	/vol/vkov08/-	NORMAL
		/vol/vkov08/ctiq047	NORMAL
		/vol/vkov08/ctiq048	NORMAL
	vkov09	/vol/vkov09/-	NORMAL
		/vol/vkov09/ctiq083	NORMAL
		/vol/vkov09/ctiq084	NORMAL
	vkov10	/vol/vkov10/-	NORMAL
		/vol/vkov10/ctiq085	NORMAL
		/vol/vkov10/ctiq086	NORMAL
aggr3	vkov11	/vol/vkov11/-	NORMAL
		/vol/vkov11/ctiq087	NORMAL
		/vol/vkov11/ctiq088	NORMAL
	vkov12	/vol/vkov12/-	NORMAL
		/vol/vkov12/ctiq089	NORMAL
		/vol/vkov12/ctiq090	NORMAL
	vkov13	/vol/vkov13/-	NORMAL
		/vol/vkov13/ctiq091	NORMAL
		/vol/vkov13/ctiq092	NORMAL
	vkov14	/vol/vkov14/-	NORMAL
		/vol/vkov14/ctiq093	NORMAL

Aggregate Name	Volume Name	Qtree Path Name	Qtree State
aggr3	vkov14	/vol/vkov14/ctiq094	NORMAL
	vkov15	/vol/vkov15/-	NORMAL
		/vol/vkov15/ctiq095	NORMAL
		/vol/vkov15/ctiq096	NORMAL

There are no LUNs found for this system.

SnapMirror / SnapVault Status

SnapMirror State	Source System	Source Path	Destination System	Destination Path
SOURCE	vkocinas003	/vol/vkov01/-	vkocinas003dr	/vol/vkov01/-
SOURCE	vkocinas003	/vol/vkov02/-	vkocinas003dr	/vol/vkov02/-
SOURCE	vkocinas003	/vol/vkov03/-	vkocinas003dr	/vol/vkov03/-
SOURCE	vkocinas003	/vol/vkov04/-	vkocinas003dr	/vol/vkov04/-
SOURCE	vkocinas003	/vol/vkov05/-	vkocinas003dr	/vol/vkov05/-
SOURCE	vkocinas003	/vol/vkov06/-	vkocinas003dr	/vol/vkov06/-
SOURCE	vkocinas003	/vol/vkov07/-	vkocinas003dr	/vol/vkov07/-
SOURCE	vkocinas003	/vol/vkov08/-	vkocinas003dr	/vol/vkov08/-
SOURCE	vkocinas003	/vol/vkov09/-	vkocinas003dr	/vol/vkov09/-
SOURCE	vkocinas003	/vol/vkov10/-	vkocinas003dr	/vol/vkov10/-
SOURCE	vkocinas003	/vol/vkov11/-	vkocinas003dr	/vol/vkov11/-
SOURCE	vkocinas003	/vol/vkov12/-	vkocinas003dr	/vol/vkov12/-
SOURCE	vkocinas003	/vol/vkov13/-	vkocinas003dr	/vol/vkov13/-
SOURCE	vkocinas003	/vol/vkov14/-	vkocinas003dr	/vol/vkov14/-
SOURCE	vkocinas003	/vol/vkov15/-	vkocinas003dr	/vol/vkov15/-
SOURCE	vkocinas003	/vol/vol0/-	vkocinas003dr	/vol/vol0dr_m/-

Network Information

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
e0a	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0b	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv1	1,000	Full	Full Unknown	On
e0c	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e0d	Dual 10/100/1000 Ethernet Controller VI	-	auto-1000t-fd-up	etv2	1,000	Full	Full Unknown	On
e1a	Quad 10/100/1000	-					Full	

Port Name	Description	IP Address, Subnet Mask	Media Type	VIF Name	Current Interface Speed	Full Duplex	FC Setting, Negotiated	Auto-Negotiate Enabled
	Ethernet Controller V						Unknown	
e1b	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1c	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	
e1d	Quad 10/100/1000 Ethernet Controller V	-					Full Unknown	

iSCSI (Internet Small Computer Systems Interface) Adapter Status

Interface Name	Interface State	Target Portal Group Name	IP Address	ISCSI Port Name
0e	ONLINE		169.190.126.37	

NFS (Network File System) Protocol Usage

NFS calls by Protocol:

Protocol	NFS Calls	Bad Calls	Bad Calls %
TCP	0	0	0.00%
UDP	0	0	0.00%

NFS calls by Version:

NFS Version	NFS Calls	NFS Calls %
NFSv2	0	0.00%
NFSv3	0	0.00%
NFSv4	0	0.00%

CIFS (Common Internet File System): Top 5 CIFS Operations

The "CIFS Stat" command shows CIFS related statistics since the last system reboot. These statistics break down the top 5 CIFS operations.

CIFS operation	CIFS Calls	CIFS Calls %
NTCreateX	1919000424	4.00%
find_first2	7125080254	17.00%
query_file_info	1565603087	4.00%
query_path_info	13682771125	32.00%
readX	12867072828	30.00%

MultiStore (vFiler)

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
-------------	--------------	-----------------	----------------------------

vFiler Name	vFiler State	vFiler IP Space	UUID (Universal Unique ID)
vfiler0	RUNNING	default-ip-space	00000000-0000-0000-0000-000000000000

ASUP (AutoSupport) Status

ASUP Category	Value
autosupport.enable	on
autosupport.mailhost	mailhub-vip.ny.ssmb.com,mailhub-dc1.eu.ssmb.com,mailhub-dc2.eur.nsroot.net
autosupport.noteto	nas.alerts@citi.com
autosupport.support.enable	on
autosupport.support.proxy	webproxy.wlb.nsroot.net:8080
autosupport.support.to	autosupport@netapp.com
autosupport.support.transport	https
autosupport.support.url	support.netapp.com/asupprod/post/1.0/postAsup
autosupport.to	intnas.alerts@imceu.eu.ssmb.com



NetApp[™]
Go further, faster

NetApp Company Confidential and Proprietary.

© 2008 NetApp All rights reserved. Specifications subject to change without notice. NetApp, the NetApp logo, Cryptainer, Cryptoshred, DataFabric, Data ONTAP, Data ONTAP GX, Decru, Decru DataFort, FAServer, FilerView, FlexClone, FlexVol, MultiStore, NearStore, NetCache, SecureShare, SnapDrive, SnapLock, SnapManager, SnapMirror, SnapMover, SnapRestore, SnapValidator, SnapVault, SpinCluster, SpinFS, SpinHA, SpinMove, Spinnaker Networks, SpinServer, SyncMirror, VFM and WAFL are registered trademarks and NetApp, ApplianceWatch, BareMetal, Camera-to-Viewer, Center-to-Edge, ComplianceClock, ComplianceJournal, ContentDirector, ContentFabric, EdgeFiler, FlexShare, FPolicy, gFiler, HyperSAN, InfoFabric, Lifetime Key Management, LockVault, Manage ONTAP, NetApp Availability Assurance, NetApp ProTech Expert, NOW, NOW NetApp on the Web, ONTAPPI, OpenKey, RAID-DP, ReplicatorX, RoboCache, RoboFiler, SecureAdmin, Serving Data by Design, SharedStorage, Simplicore, Simulate ONTAP, Smart SAN, SnapCache, SnapCopy, SnapDirector, SnapFilter, SnapMigrator, Snapshot, SnapSuite, SohoCache, SpinMirror, SpinRestore, SpinShot, SpinStor, StoreVault, The evolution of storage, vFiler, VFM Virtual File Manager, VPolicy, and WebFiler are trademarks of NetApp, Inc. in the U.S. and other countries. All other brands or products are trademarks or registered trademarks of their respective holders and should be treated as such.