

SolutionPack for Oracle Database

Release number 1.3

Summary Sheet

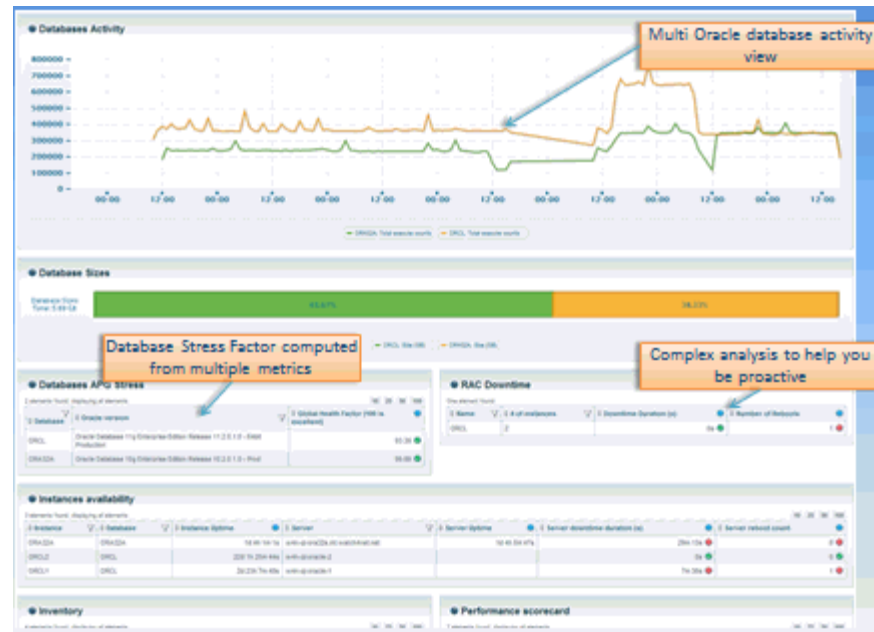
June, 2014

- ◆ [Overview](#)..... 2
- ◆ [Technical specifications](#)..... 2
- ◆ [Installing SolutionPack](#)..... 3
- ◆ [Configuring the SolutionPack for Oracle Database with an unprivileged account](#)..... 4

Overview

This article explains how to install and configure the SolutionPack for Oracle Database.

The SolutionPack for Oracle Database monitors the status and performance of your Oracle database. The SolutionPack gives visibility into listeners, tablespaces, versions, connections, commits and rollbacks. You can survey the Oracle core process, such as the SGA, and verify the hit ratio about cache, dictionary cache, latch cache, library cache, sort and sessions.



Technical specifications

SolutionPack version

- ◆ 1.3

Compatible ViPR SRM version

- ◆ 3.5

Main reports

- ◆ Entire Oracle database infrastructure summary
- ◆ Detailed database size
- ◆ Oracle RAC view
- ◆ Instances availability
- ◆ Cross server KPIs

Supported Oracle database releases

Table 1 Supported versions of Oracle database

Supported model	Collector	Prerequisites	Port
Oracle 10 and greater		The latest JDBC driver jar file needs to be in the folder .../APG/Databases/JDBC-Drivers/ Default/lib Currently the required driver is ojdbc5.jar	

Installing SolutionPack

Before you begin

- ◆ ViPR SRM core modules must be up-to-date in all servers because not all module dependencies are validated during the SolutionPack installation or update process.

Procedure

1. Log in and select **Administration**.
2. Select **Centralized Management** in the Administration tree.
3. Select **SolutionPacks** in the tree.
4. Select **SolutionPack Center**.
5. Select the SolutionPack for Oracle Database in the **Browse and Install SolutionPacks** screen.
6. Click **Install**.
7. In **Data Collection**, in the **Select the components to install** window select the Collector host.
8. In **Reports**, select the Frontend host.
9. Click **Next**.
10. In the **Data collection** window, select a value for **Data Collection**.
 - If you select **Add a new data collection**, type information about the data collection.
 - **Failover-Filter** must be enabled, which is the default.
 - In **HostName or the IP address to send data to**, type the Primary Backend host.
11. Leave **Enable alerting on data collected** checked.
12. Select a value for **Alerting on data collection**.
 - If you select **Add a new Alerting on data collection**, type information about the alerting configuration.
 - In **Alerting Backend the hostname or IP address**, select the Primary Backend host.
 - **Alerting Backend data port** must be set to the port on which alerts will be collected by the Primary Backend Host.
13. Optionally select the **Enable property import for server enrichment** checkbox.
14. In the **Backend configuration** section, type the host information and credentials for the Primary Backend Host.

15. Select **Configure collector advanced settings** to configure polling settings.

16. Click **Next**.

17. In **Administration Web-Service Instance** in the **Reports** window, select the Frontend host.

18. Click **Install**.

The SolutionPack installation begins.

19. Click **Ok** once installation is complete.

Performance data will be displayed in about an hour.

Configuring the SolutionPack for Oracle Database with an unprivileged account

The Watch4net collector must connect to each instance of Oracle databases and perform SQL queries. You can use either an administrator equivalent system account, or create a dedicated system account for the collector. If you want to use the last option, please ask the DBA administrator to run the following query against every instance/RAC cluster. This will create a "watch4net" account, which has specific grants for the Watch4net collector.

Procedure

1. Run the query as follows:

```
create user watch4net identified by securepassword default
tablespace users temporary tablespace temp;
grant create session to watch4net;
grant select on V_$SYSSTAT to watch4net;
grant select on v_$filestat to watch4net;
grant select on v_$database to watch4net;
grant select on dba_data_files to watch4net;
grant select on dba_extents to watch4net;
grant select on dba_free_space to watch4net;
grant select on v_$parameter to watch4net;
grant select on v_$sgainfo to watch4net;
grant select on v_$rowcache to watch4net;
grant select on v_$librarycache to watch4net;
grant select on v_$latch to watch4net;
grant select on v_$rollstat to watch4net;
grant select on v_$dispatcher to watch4net;
grant select on v_$instance to watch4net;
grant select on v_$sesstat to watch4net;
grant select on v_$statname to watch4net;
grant select on v_$session to watch4net;
grant select on v_$sess_io to watch4net;
grant select on v_$asm_disk to watch4net;
grant select on v_$asm_diskgroup to watch4net;
grant select on v_$logfile to watch4net;
grant select on v_$log to watch4net;
grant select on sys.dba_tablespaces to watch4net;
```

Copyright © 2014 EMC Corporation. All rights reserved. Published in USA.

Published June, 2014

EMC believes the information in this publication is accurate as of its publication date. The information is subject to change without notice.

The information in this publication is provided as is. EMC Corporation makes no representations or warranties of any kind with respect to the information in this publication, and specifically disclaims implied warranties of merchantability or fitness for a particular purpose. Use, copying, and distribution of any EMC software described in this publication requires an applicable software license.

EMC², EMC, and the EMC logo are registered trademarks or trademarks of EMC Corporation in the United States and other countries. All other trademarks used herein are the property of their respective owners.

For the most up-to-date regulatory document for your product line, go to EMC Online Support (<https://support.emc.com>).