

Exploring Your Database

Purpose

This module describes how you can use the Enterprise Manager Database Grid Control Home Page to proactively and reactively configure and manage your database environment.



Place the cursor on this icon to display all screenshots. You can also place the cursor on each icon to see only the screenshot associated with it.

Overview

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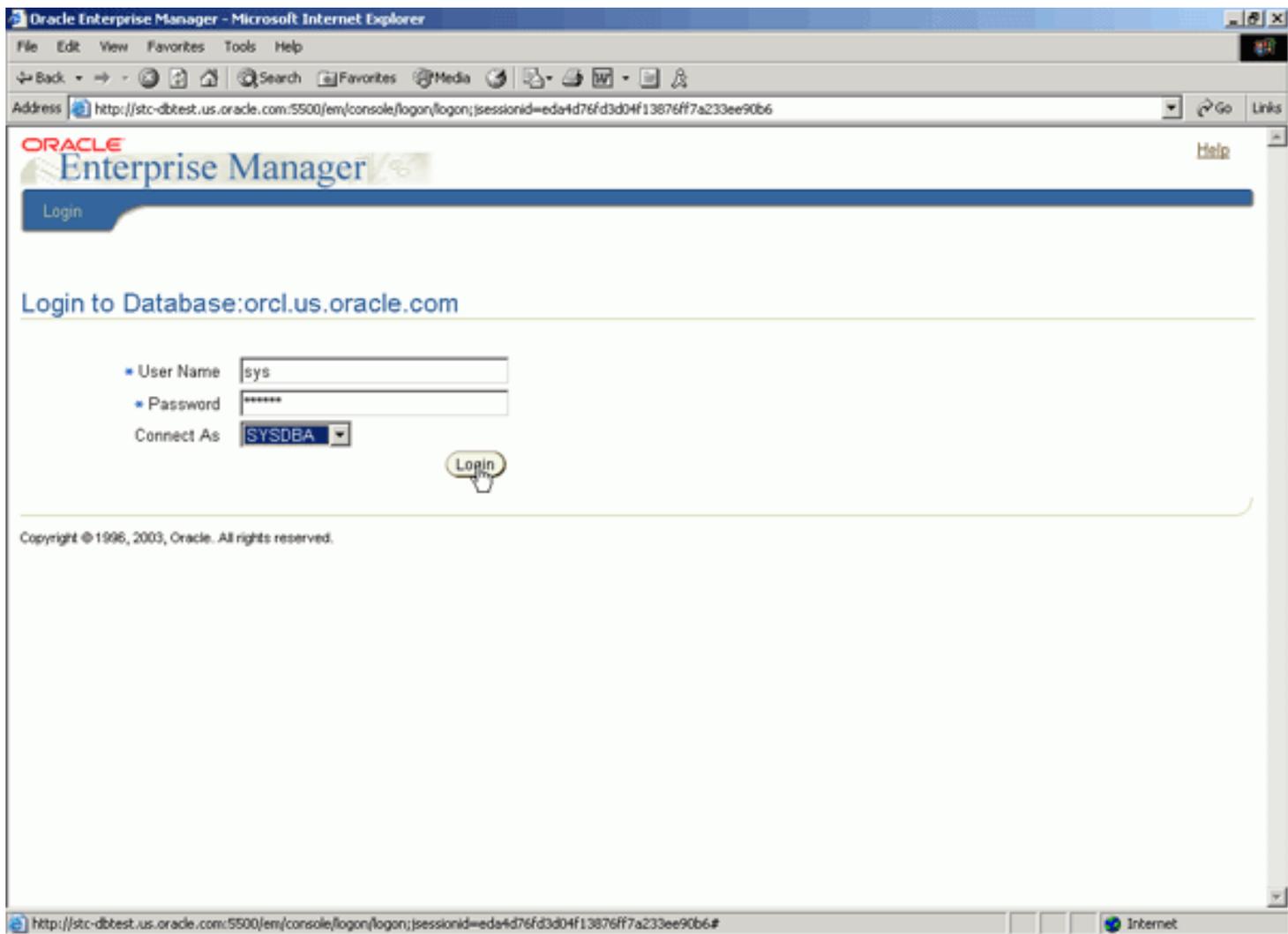
The Oracle Database Home page allows you to view the current state of the database by displaying a series of metrics that portray the overall health of the database. The Oracle Database Home page provides a launch point for the database status and administration and configuration of the database environment. It contains four pages via subtabs with each page displaying sub-sections.

Perform the following:

1. Open your browser and enter the following URL:

```
http://<hostname>:5500/em
```

Enter **sys/<password>** and specify **SYSDBA** then click **Login** .



2. Once you successfully login, you will see the Database Home page for your database. The Homepage provides the overall picture of your database health and activities. On the top left corner it shows the database name you are connected to. It has following sections General, Host CPU, Active Sessions, Space Usage, Advice, High Availability, Job Activity, Alerts, Related Alerts and Related Links.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

ORACLE Enterprise Manager Database

Setup Preferences Help Logout

Database

Logged in As SYS

Database: orcl.us.oracle.com

Home Performance Administration Maintenance

Latest Data Collected From Target Jul 30, 2003 5:31:01 AM Refresh

View Data Real Time: Manual Refresh

General

Status **Up** Shutdown

Up Since **Jul 29, 2003 4:07:15 PM**

Time Zone **PDT**

Availability (%) **100**
(Last 24 hours)

Instance Name **orcl**

Version **10.1.0.1.0**

Host stc-dbtest.us.oracle.com

Listener LISTENER_stc-dbtest.us.oracle.com

Oracle Home [/home/oracle/10iR1_Beta2_Rel4a](#)

Alert Log [Jul 29, 2003 8:00:53 AM](#)

Host CPU

Run Queue **0.25**

Paging (pages per second) **0.17**

Active Sessions

No data is currently available.

Active Sessions **-1**

SQL Response Time (%) **100.48**
(compared to baseline)

Space Usage

Problem **0**

Tablespaces **0**

Fragmentation **Not Configured**

Issues **Configured**

Dump Area Used (%) **26**

Advice

ADDM Findings **1**

Violations **23**

High Availability

Instance Recovery Time (seconds) **13**

Last Backup **n/a**

Archiving **Disabled**

Archive Area Used (%) **n/a**

Job Activity

Scheduled Executions **0**

Running Executions **0**

Suspended Executions **0**

Problem Executions **0**
(Last 7 days)

Internet

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

Address: http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

Alerts

Severity	Category	Name	Message	Alert Triggered	Last Value	Time
	Invalid Objects by Schema	Owner's Invalid Object Count	10 object(s) are invalid in the BI schema.	Jul 30, 2003 3:47:06 AM	10	Jul 30, 2003 3:47:06 AM
	Database Limits	Current Open Cursors Count	Metrics "Current Open Cursors Count" is at 417	Jul 30, 2003 3:42:02 AM	419	Jul 30, 2003 3:48:10 AM
	Invalid Objects by Schema	Owner's Invalid Object Count	6 object(s) are invalid in the DMSYS schema.	Jul 29, 2003 7:32:26 AM	6	Jul 30, 2003 3:47:06 AM

Related Alerts

Severity	Target Name	Target Type	Category	Name	Message	Alert Triggered	Last Value	Time
	stc-dbtest.us.oracle.com	Host	Filesystems	Filesystem Space Available (%)	Filesystem / has only 19.85% available space	Jul 29, 2003 7:24:28 AM	19.85	Jul 30, 2003 3:39:08 AM

ADDM Analysis

Period Start Time **Jul 30, 2003 3:00:56 AM** Duration (minutes) **29.8**

Finding	Impact (%)	Recommendation Summary
PL/SQL execution consumed significant database time.	12	SQL Tuning 1

Home [Performance](#) [Administration](#) [Maintenance](#)

Related Links

Advisor Central	Alert History	Alert Log Content
All Metrics	Edit Metric Thresholds	Jobs
Metric Collection Errors	Monitoring Configuration	
iSQL*Plus		

Database | [Setup](#) | [Preferences](#) | [Help](#) | [Logout](#)

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[About Oracle Enterprise Manager Database Controls](#)

3. On the **Top right** corner of the page you will see the link to setup, preferences, help and logout. By using setup you can manage administrators, notification methods, configuration of patch management etc. Preference link provide access to managing information preferred credentials, notification schedules, and so on.

The screenshot displays the Oracle Enterprise Manager (EM) console interface. At the top, the browser address bar shows the URL: `http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1`. The Oracle logo and "Enterprise Manager" text are prominently displayed. A navigation bar includes "Setup", "Preferences", "Help", and "Logout" links, which are highlighted with a red box. Below this, the user is logged in as "As SYS".

The main content area is titled "Database: orcl.us.oracle.com" and features several tabs: "Home", "Performance", "Administration", and "Maintenance". The "Home" tab is currently selected. A "Latest Data Collected From Target" timestamp of "Jul 30, 2003 5:31:01 AM" is shown, along with a "Refresh" button and a "View Data" dropdown menu set to "Real Time: Manual Refresh".

The dashboard is divided into several sections:

- General:** Shows the database status as "Up" since "Jul 29, 2003 4:07:15 PM". Other details include "Time Zone: PDT", "Availability (%): 100 (Last 24 hours)", "Instance Name: orcl", "Version: 10.1.0.1.0", "Host: stc-dbtest.us.oracle.com", "Listener: LISTENER_stc-dbtest.us.oracle.com", "Oracle Home: /home/oracle/10iR1_Beta2_Rel4a", and "Alert Log: Jul 29, 2003 8:00:53 AM". A "Shutdown" button is visible.
- Host CPU:** A bar chart showing CPU usage for "orcl" (blue) and "Other" (purple). The "orcl" bar is at 0%, and the "Other" bar is at approximately 25%. Below the chart, "Run Queue" is 0.25 and "Paging (pages per second)" is 0.17.
- Active Sessions:** A circular gauge shows "100%". Below it, "No data is currently available." is displayed. "Active Sessions" is 1, and "SQL Response Time (%)" is 100.48 (compared to baseline).
- Space Usage:** Shows "Problem" as 0, "Tablespaces" as "Not Configured", and "Dump Area Used (%)" as 26.
- Advice:** Shows "ADDM Findings" as 1 and "Violations" as 23.
- High Availability:** Shows "Instance Recovery Time (seconds)" as 13, "Last Backup Archiving" as "Disabled", and "Archive Area Used (%)" as "n/a".
- Job Activity:** Shows "Scheduled Executions", "Running Executions", "Suspended Executions", and "Problem Executions" all as 0. This section is labeled "(Last 7 days)".

The bottom of the page shows the "Internet" icon and the browser's status bar.

4. You also see different tabs. These tabs provide easy access to information in different categories. These tabs provide direct link to specific and detailed information on performance, administration and maintenance. By default, you will be taken to Home Tab.

The screenshot displays the Oracle Enterprise Manager (EM) console for a database instance named 'orcl'. The interface includes a navigation menu with 'Home', 'Performance', 'Administration', and 'Maintenance' tabs. The 'Home' tab is selected and highlighted with a red box. The main content area shows several performance and status widgets:

- General:** Status is 'Up', up since Jul 29, 2003 4:07:15 PM, time zone PDT, availability 100%. Instance name 'orcl', version 10.1.0.1.0, host 'stc-dbtest.us.oracle.com', listener 'LISTENER_stc-dbtest.us.oracle.com', Oracle Home '/home/oracle/10iR1_Beta2_Rel4a', and alert log 'Jul 29, 2003 8:00:53 AM'. A 'Shutdown' button is visible.
- Host CPU:** A bar chart showing CPU usage for 'orcl' (blue) and 'Other' (purple). The 'orcl' bar is at 0%, and the 'Other' bar is at approximately 25%. Run Queue is 0.25 and Paging is 0.17.
- Active Sessions:** A gauge showing 100% active sessions. A note states 'No data is currently available.' Active Sessions is 1, and SQL Response Time is 100.48% (compared to baseline).
- Space Usage:** 0 problems, 0 tablespaces, fragmentation 'Not Configured', and 26% dump area used.
- Advice:** 1 ADDM finding and 23 violations.
- High Availability:** Instance recovery time 13 seconds, last backup 'n/a', archiving 'Disabled', and archive area used 'n/a'.
- Job Activity:** 0 scheduled, running, suspended, or problem executions in the last 7 days.

The 'View Data' dropdown menu is set to 'Real Time: Manual Refresh'.

- This **View Data** drop list selection allows you to change your data to be manually refreshed or automatically refreshed.

The screenshot displays the Oracle Enterprise Manager console for a database instance named 'orcl.us.oracle.com'. The interface includes a navigation menu with 'Home', 'Performance', 'Administration', and 'Maintenance'. A 'View Data' dropdown menu is highlighted, showing options for 'Real Time: Manual Refresh' and 'Real Time: 1 Minute Refresh'. The 'General' section shows the database is 'Up' since July 29, 2003, at 4:07:15 PM, with 100% availability. The 'Host CPU' section shows a bar chart with 'orcl' at 0% and 'Other' at approximately 25%. The 'Active Sessions' section shows 100% with a note 'No data is currently available.' The 'Space Usage' section shows 0 problems, 'Not Configured' fragmentation, and 26% dump area used. The 'Advice' section shows 1 ADDM finding and 23 violations. The 'High Availability' section shows 13 seconds for instance recovery time, 'n/a' for last backup, and 'Disabled' for archiving. The 'Job Activity' section shows 0 scheduled, running, suspended, and problem executions.

6. The **General** section provides information about the status of your database (up/down), where it is running (server and Oracle home), its instance name, its version, and if there are any ORA-600 errors.

The screenshot displays the Oracle Enterprise Manager console for a database instance named 'orcl' on the host 'stc-dbtest.us.oracle.com'. The interface includes a navigation menu with 'Home', 'Performance', 'Administration', and 'Maintenance'. The 'General' section, highlighted with a red box, shows the database is 'Up' since July 29, 2003, at 4:07:15 PM, with 100% availability. The 'Host CPU' section features a bar chart showing 100% CPU utilization for the 'orcl' instance and 0% for 'Other'. The 'Active Sessions' section shows 1 active session and a SQL response time of 100.48%. Other sections include 'Space Usage' (0 problems), 'Advice' (1 finding, 23 violations), 'High Availability' (13 seconds recovery time), and 'Job Activity' (0 scheduled executions).

General

Status **Up** [Shutdown](#)
 Up Since **Jul 29, 2003 4:07:15 PM**
 Time Zone **PDT**
 Availability (%) **100**
 (Last 24 hours)
 Instance Name **orcl**
 Version **10.1.0.1.0**
 Host [stc-dbtest.us.oracle.com](#)
 Listener [LISTENER_stc-](#)
[dbtest.us.oracle.com](#)
 Oracle Home [/home/oracle/10iR1_Beta2_Rel4a](#)
 Alert Log [Jul 29, 2003 8:00:53 AM](#)

Host CPU

100%
 75%
 50%
 25%
 0%

■ orcl
 ■ Other

Run Queue **0.25**
 Paging (pages per second) **0.17**

Active Sessions

100%

No data is currently available.

Active Sessions **-1**
 SQL Response Time (%) **100.48**
 (compared to baseline)

Space Usage

Problem **0**
 Tablespaces **0**
 Fragmentation **Not Configured**
 Issues **Configured**
 Dump Area Used (%) **26**

Advice

ADDM Findings **1**
 Violations **23**

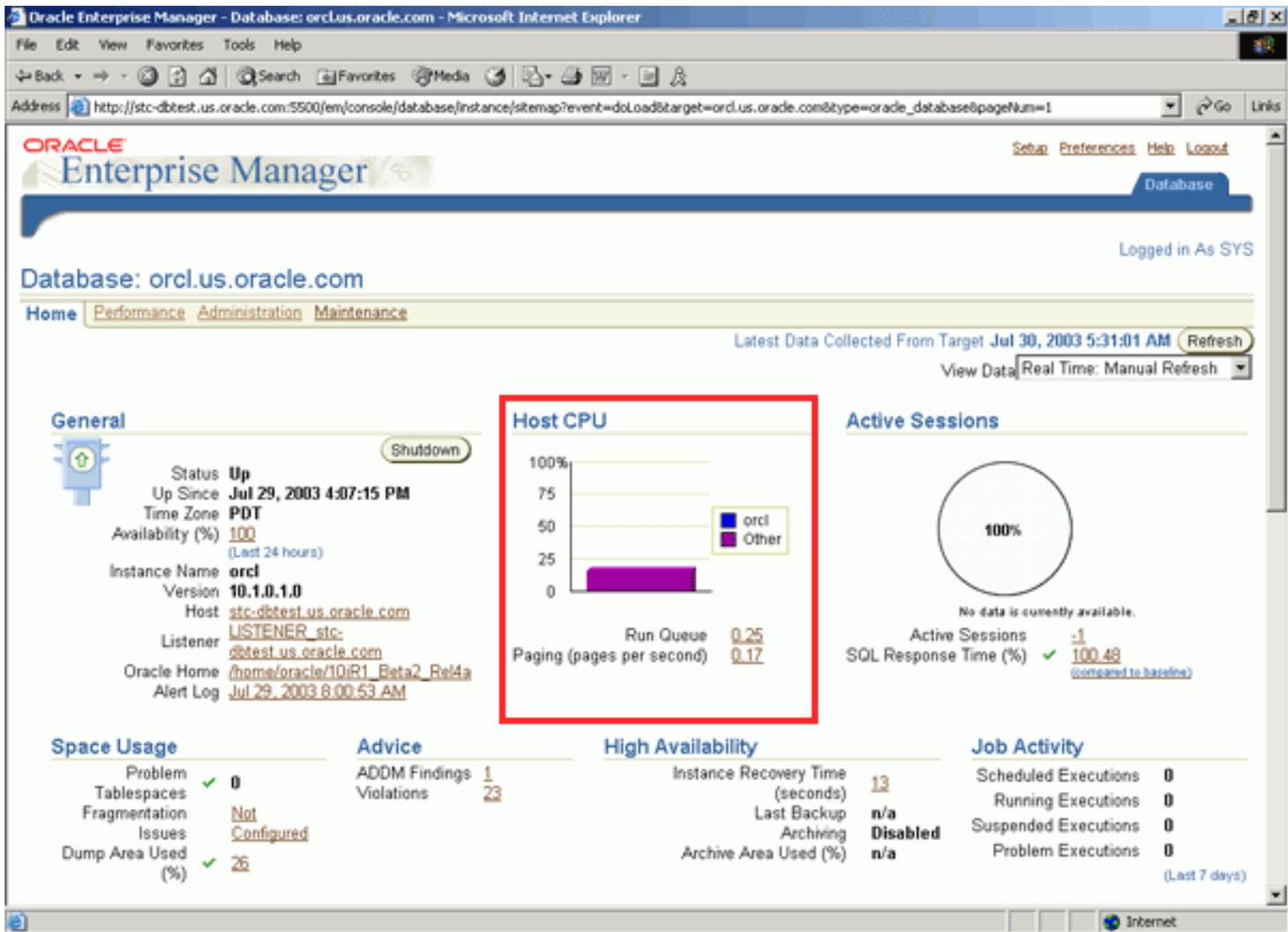
High Availability

Instance Recovery Time (seconds) **13**
 Last Backup **n/a**
 Archiving **Disabled**
 Archive Area Used (%) **n/a**

Job Activity

Scheduled Executions **0**
 Running Executions **0**
 Suspended Executions **0**
 Problem Executions **0**
 (Last 7 days)

7. The **Host CPU** section provides the overall CPU utilization by the database on the host machine. It also shows the run queue length on the CPU, as well as any paging activity on the host machine.



8. Active Sessions shows the average number of sessions doing work (using CPU) or actively waiting during the refresh interval, rounded down to the whole integer. This number is generally less than the total number of sessions connected, as session idle time is natural and almost always present. Click on the **Active Sessions** link

Oracle Enterprise Manager (SYS) - Database: s030721 - Microsoft Internet Explorer

Address: http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?event=doLoad&target=s030721&type=oracle_database&pageNum=1

Oracle Enterprise Manager Database

Logged in As SYS

Database: s030721

Home Performance Administration Maintenance

Latest Data Collected From Target Aug 6, 2003 4:51:31 PM Refresh

View Data Real Time: Manual Refresh

General

Status **Up** Shutdown

Up Since **Aug 6, 2003 9:25:34 AM**

Time Zone **PDT**

Availability (%) **100**
(Last 24 hours)

Instance Name **s030721**

Version **10.1.0.1.0**

Host dsunrap23.us.oracle.com

Oracle Home [/ade/hakali_030721/oracle](file:/ade/hakali_030721/oracle)

Alert Log [No ORA- errors](#)

Host CPU

Run Queue **0.33**

Paging (pages per second) **0.12**

Active Sessions

Active Sessions SQL Response Time (%) **1.71**
(compared to baseline)

Using CPU (0.9%)

Waiting: IO (0%)

Waiting: Other (99.1%)

Space Usage

Problem Tablespaces **1**

Fragmentation Issues **0**

Dump Area Used (%) **75**

Advice

ADDM Findings **1**

Policy Violations **54**

High Availability

Instance Recovery Time (seconds) **17**

Last Backup **Aug 6, 2003 4:15:18 PM**

Archiving **Enabled**

Archive Area Used (%) **75**

Job Activity

Scheduled Executions **0**

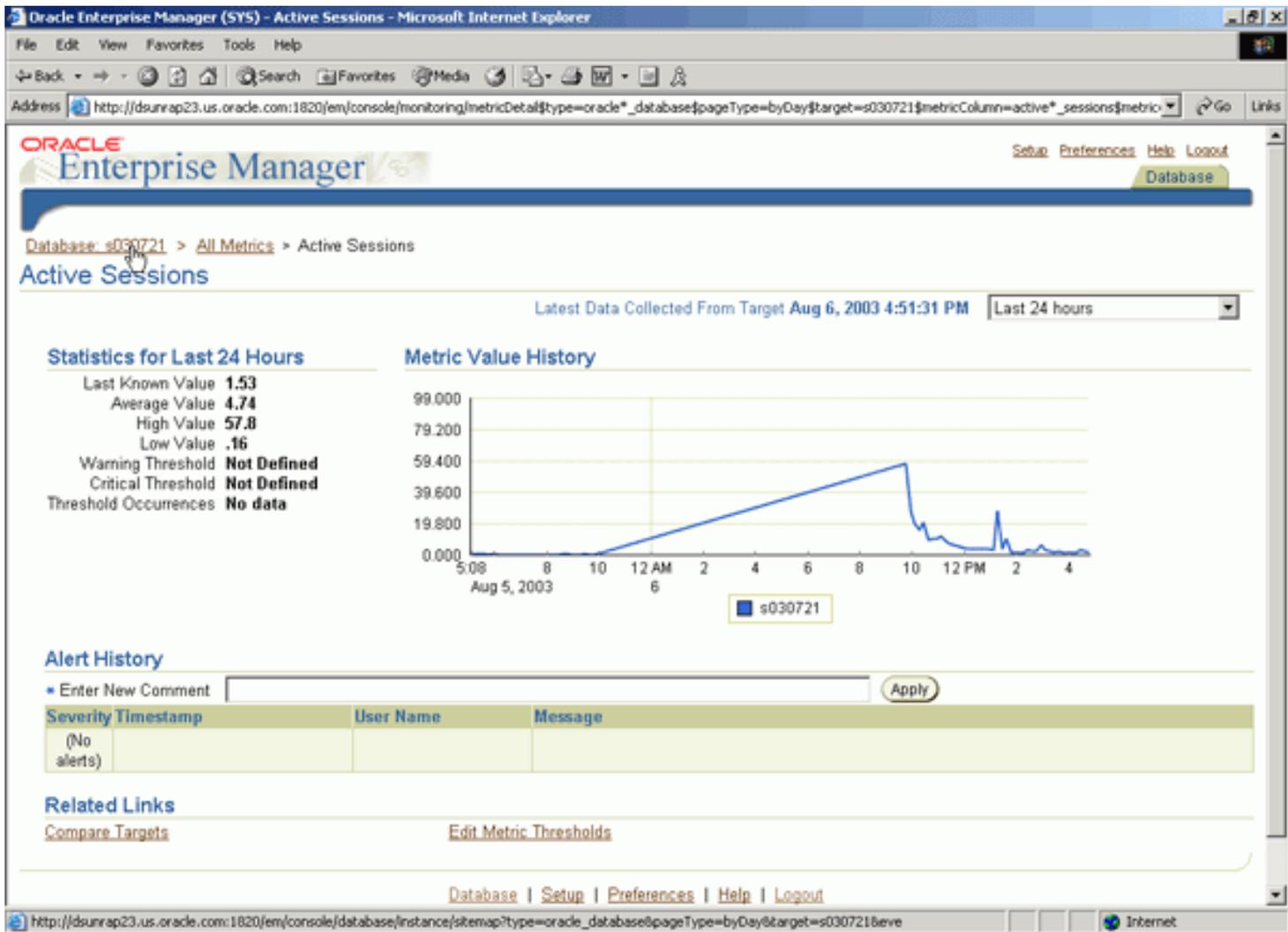
Running Executions **0**

Suspended Executions **0**

Problem Executions **3**
(Last 7 days)

http://dsunrap23.us.oracle.com:1820/em/console/monitoring/metricDetail?type=oracle_database&pageType=byDay&target=s030721\$metr

9. You see the Active Session history over the course of the day so you know when the database is at peak utilization. When done, click the **Database** breadcrumb.



10. The **Space Usage** section highlights if there are any tablespaces that have run out of space, or have fragmentation issues.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

Address: http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

ORACLE Enterprise Manager Database

Logged in As SYS

Database: orcl.us.oracle.com

Home Performance Administration Maintenance

Latest Data Collected From Target Jul 30, 2003 5:31:01 AM Refresh

View Data Real Time: Manual Refresh

General

Status **Up** [Shutdown](#)

Up Since **Jul 29, 2003 4:07:15 PM**

Time Zone **PDT**

Availability (%) **100**
(Last 24 hours)

Instance Name **orcl**

Version **10.1.0.1.0**

Host [stc-dbtest.us.oracle.com](#)

Listener [LISTENER_stc-dbtest.us.oracle.com](#)

Oracle Home [/home/oracle/10iR1_Beta2_Rel4a](#)

Alert Log [Jul 29, 2003 8:00:53 AM](#)

Host CPU

Run Queue **0.25**

Paging (pages per second) **0.17**

Active Sessions

No data is currently available.

Active Sessions **1**

SQL Response Time (%) **100.48**
(compared to baseline)

Space Usage

Problem	0
Tablespaces	0
Fragmentation	Not Configured
Issues	Not Configured
Dump Area Used (%)	26

Advice

ADDM Findings **1**

Violations **23**

High Availability

Instance Recovery Time (seconds) **13**

Last Backup **n/a**

Archiving **Disabled**

Archive Area Used (%) **n/a**

Job Activity

Scheduled Executions **0**

Running Executions **0**

Suspended Executions **0**

Problem Executions **0**
(Last 7 days)

11.

The Advice section provides the link to technical advice that Oracle's Automatic Database Diagnostic Monitor (ADDM) tool generates. ADDM is a built-in performance expert that is automatically run every 30 minutes by default. ADDM provides database-wide performance diagnostics for both single-instance and Real Application Clusters (RAC) databases. It not only provides "root-cause analysis" but also provides recommendations to help resolve performance problems. Click on **Policy Violations**.

The screenshot displays the Oracle Enterprise Manager (EM) console for database instance s030721. The interface includes a navigation breadcrumb 'Database' and a 'Logged in As SYS' indicator. The main content area is divided into several sections:

- General:** Shows the database status as 'Up' since August 6, 2003, 9:25:34 AM. It lists the instance name 's030721', version '10.1.0.1.0', and host 'dsunrap23.us.oracle.com'. A 'Shutdown' button is visible.
- Host CPU:** A bar chart showing CPU usage for 's030721' (blue) and 'Other' (purple). The 's030721' bar is very low, near 0%. Below the chart, 'Run Queue' is 0.33 and 'Paging (pages per second)' is 0.12.
- Active Sessions:** A pie chart showing session distribution: 'Using CPU (0.9%)', 'Waiting: IO (0%)', and 'Waiting: Other (99.1%)'. Below the chart, 'Active Sessions' is 1 and 'SQL Response Time (%)' is 91.71, noted as '(compared to baseline)'.
- Space Usage:** Lists 'Problem Tablespaces' (1), 'Fragmentation Issues' (0), and 'Dump Area Used (%)' (75).
- Advice:** A section highlighted with a red box, showing 'ADDM Findings' (1) and 'Policy Violations' (54).
- High Availability:** Shows 'Instance Recovery Time (seconds)' as 17, 'Last Backup' as 'Aug 6, 2003 4:15:18 PM', and 'Archive Area Used (%)' as 75.
- Job Activity:** Lists 'Scheduled Executions' (0), 'Running Executions' (0), 'Suspended Executions' (0), and 'Problem Executions' (3) over the last 7 days.

There are a number of violations presently. You may review the list. When done, click the **Database** breadcrumb.

12.

The screenshot shows the Oracle Enterprise Manager interface for Policy Violations. The page title is "Policy Violations" and the violation count is 54. The table below lists several configuration-related violations.

Priority	Policy Rule	Category	Recommendation	Violation Count	Details	Last Evaluation	Non-Compliant Since
High (Priority)	Insufficient Number of Control Files	configuration	Use at least two control files that are multiplexed on different disks.	1	File Name /ade/hakali_030721/oracle/dbs/t_cf1.f	Aug 6, 2003 12:51:54 PM	Jul 24, 2003 11:49:40 AM
Medium	Not Using Spfile	configuration	Use server side parameter file to update changes dynamically.	1	Parameter Name spfile	Aug 6, 2003 12:51:54 PM	Jul 24, 2003 11:49:40 AM
Medium	Rollback in SYSTEM Tablespace	configuration	Use a tablespace dedicated to undo instead of the SYSTEM tablespace.	1	Rollback Segment Name T_RS1	Aug 6, 2003 12:51:54 PM	Jul 24, 2003 11:49:40 AM
Medium	Recovery Area Location Not Set	configuration	It is recommended the recovery area location be set to provide a unified storage location for all recovery components. The recovery area location can be set by setting: DB_RECOVERY_FILE_DEST = <recovery area location>.	1	Parameter Name db_recovery_file_dest	Aug 6, 2003 12:51:54 PM	Jul 24, 2003 11:49:40 AM
Low	Autobackup	configuration	It is recommended autobackup be	1	Parameter Name CONTROLFILE AUTOBACKUP	Aug 6, 2003	Jul 24,

13. The High Availability section provides the information about your database's ability to recover from instance and media failure. It shows how much time it will take for your database to recover from instance failure and an overview of database backups. Click on the number of seconds related to **Instance Recovery Time**.

Oracle Enterprise Manager (SYS) - Database: s030721 - Microsoft Internet Explorer

Address: http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?type=oracle_database&target=s030721&event=doLoad

Database: s030721

Home Performance Administration Maintenance

Latest Data Collected From Target Aug 6, 2003 4:51:31 PM (Refresh)

View Data Real Time: Manual Refresh

General Shutdown

Status **Up**
 Up Since **Aug 6, 2003 9:25:34 AM**
 Time Zone **PDT**
 Availability (%) **100**
 (Last 24 hours)
 Instance Name **s030721**
 Version **10.1.0.1.0**
 Host dsunrap23.us.oracle.com
 Oracle Home [/ade/hakali_030721/oracle](file:/ade/hakali_030721/oracle)
 Alert Log [No ORA- errors](#)

Host CPU

Run Queue **0.33**
 Paging (pages per second) **0.12**

Active Sessions

Active Sessions **1**
 SQL Response Time (%) **91.71**
 (compared to baseline)

Space Usage

Problem Tablespaces **1**
 Fragmentation Issues **0**
 Dump Area Used (%) **75**

Advice

ADDM Findings **1**
 Policy Violations **54**

High Availability

Instance Recovery Time (seconds) **17**
 Last Backup **Aug 6, 2003 4:15:18 PM**
 Archiving **Enabled**
 Archive Area Used (%) **75**

Job Activity

Scheduled Executions **0**
 Running Executions **0**
 Suspended Executions **0**
 Problem Executions **3**
 (Last 7 days)

http://dsunrap23.us.oracle.com:1820/em/console/database/instance/recovery?target=s030721&type=oracle_database

14.

You see the Mean Time to Recover. This is the estimated recovery time for Oracle to perform Instance Recovery, on restart after a Shutdown Abort or an Instance failure. Select the **Database** breadcrumb.

Oracle Enterprise Manager (SYS) - Configure Recovery Settings - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://dsunrap23.us.oracle.com:1820/em/console/database/instance/recovery?target=s030721&type=oracle_database

ORACLE
Enterprise Manager

Setup Preferences Help Logout

Database

Database: s030721 > Configure Recovery Settings

Logged in As SYS

Configure Recovery Settings

Show SQL Revert Apply

Instance Recovery

The FAST_START_MTTR_TARGET initialization parameter specifies the number of seconds estimated for crash recovery. Oracle converts this number into a set of internal parameters and sets the recovery time as close as possible to these parameters. Setting FAST_START_MTTR_TARGET to 0 will disable this functionality.

Current Estimated Mean Time To Recover (seconds) 17

Desired Mean Time To Recover Minutes

MTTR Advice

Target Mean Time To Recover (Seconds)	Relative change in total I/O
20.8	1.015
21.0	1.012
21.2	1.009
21.4	1.006
21.6	1.003
21.8	1.000
22.0	0.997
22.2	0.994

Legend:
 ■ Change in total I/O for various values of MTTR
 ■ Current MTTR setting

Media Recovery

The database is currently in ARCHIVELOG mode. In ARCHIVELOG mode, hot backups and recovery to the latest time is possible, but you must provide space for logs. If you change the database to ARCHIVELOG mode, you should make a backup immediately. In NOARCHIVELOG mode, you can make only cold backups and

http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?event=doLoad&target=s030721&type=oracle_database&pageN

Internet

Because Instance Recovery Time is a Maintenance task, you are automatically taken to the Maintenance tab. Click the **Home** tab.

15.

Oracle Enterprise Manager (SYS) - Database: s030721 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?event=doLoad&target=s030721&type=oracle_database&pageNum=4

ORACLE Enterprise Manager Database

Setup Preferences Help Logout

Logged in As SYS

Database: s030721

Home Performance Administration Maintenance

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Home Performance Administration Maintenance

Related Links

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[About Oracle Enterprise Manager Database Console](#)

http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?event=doLoad&target=s030721&type=oracle_database&pac | Internet

The **Job Activity** section provides the statistics of any job activity in the system for the last 7 days.

16.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

ORACLE Enterprise Manager Database

Logged in As SYS

Database: orcl.us.oracle.com

Home Performance Administration Maintenance

Latest Data Collected From Target Jul 30, 2003 5:31:01 AM Refresh

View Data Real Time: Manual Refresh

General

Status **Up** [Shutdown](#)

Up Since **Jul 29, 2003 4:07:15 PM**

Time Zone **PDT**

Availability (%) **100**
(Last 24 hours)

Instance Name **orcl**

Version **10.1.0.1.0**

Host [stc-dbtest.us.oracle.com](#)

Listener [LISTENER_stc-dbtest.us.oracle.com](#)

Oracle Home [/home/oracle/10iR1_Beta2_Rel4a](#)

Alert Log [Jul 29, 2003 8:00:53 AM](#)

Host CPU

Run Queue **0.25**

Paging (pages per second) **0.17**

Active Sessions

No data is currently available.

Active Sessions **-1**

SQL Response Time (%) **100.48**
(compared to baseline)

Space Usage

Problem **0**

Tablespaces **0**

Fragmentation **Not Configured**

Issues **Not Configured**

Dump Area Used (%) **26**

Advice

ADDM Findings **1**

Violations **23**

High Availability

Instance Recovery Time (seconds) **13**

Last Backup **n/a**

Archiving **Disabled**

Archive Area Used (%) **n/a**

Job Activity

Scheduled Executions **0**

Running Executions **0**

Suspended Executions **0**

Problem Executions **0**
(Last 7 days)

The **Alerts section** shows any alerts that you have configured to trigger a notification.

17.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

Address: http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/siteMap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

Alerts

Severity	Category	Name	Message	Alert Triggered	Last Value	Time
	Invalid Objects by Schema	Owner's Invalid Object Count	10 object(s) are invalid in the BI schema.	Jul 30, 2003 3:47:06 AM	10	Jul 30, 2003 3:47:06 AM
	Database Limits	Current Open Cursors Count	Metrics "Current Open Cursors Count" is at 417	Jul 30, 2003 3:42:02 AM	419	Jul 30, 2003 3:48:10 AM
	Invalid Objects by Schema	Owner's Invalid Object Count	6 object(s) are invalid in the DMSYS schema.	Jul 29, 2003 7:32:26 AM	6	Jul 30, 2003 3:47:06 AM

Related Alerts

Severity	Target Name	Target Type	Category	Name	Message	Alert Triggered	Last Value	Time
	stc-dbtest.us.oracle.com	Host	Filesystems	Filesystem Space Available (%)	Filesystem / has only 19.85% available space	Jul 29, 2003 7:24:26 AM	19.85	Jul 30, 2003 3:39:08 AM

ADDM Analysis

Period Start Time Jul 30, 2003 3:00:56 AM Duration (minutes) 29.8

Finding	Impact (%)	Recommendation Summary
PL/SQL execution consumed significant database time.	12	SQL Tuning 1

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Related Links

Advisor Central	Alert History	Alert Log Content
All Metrics	Edit Metric Thresholds	Jobs
Metric Collection Errors	Monitoring Configuration	
iSQL*Plus		

Database | [Setup](#) | [Preferences](#) | [Help](#) | [Logout](#)

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The **Related Alerts** section shows any alerts that are determined to be related to your configured alerts.

18.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

Address: http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

Alerts

Severity	Category	Name	Message	Alert Triggered	Last Value	Time
Warning	Invalid Objects by Schema	Owner's Invalid Object Count	10 object(s) are invalid in the BI schema.	Jul 30, 2003 3:47:06 AM	10	Jul 30, 2003 3:47:06 AM
Warning	Database Limits	Current Open Cursors Count	Metrics "Current Open Cursors Count" is at 417	Jul 30, 2003 3:42:02 AM	419	Jul 30, 2003 3:48:10 AM
Warning	Invalid Objects by Schema	Owner's Invalid Object Count	6 object(s) are invalid in the DMSYS schema.	Jul 29, 2003 7:32:26 AM	6	Jul 30, 2003 3:47:06 AM

Related Alerts

Severity	Target Name	Target Type	Category	Name	Message	Alert Triggered	Last Value	Time
Warning	stc-dbtest.us.oracle.com	Host	Filesystems	Filesystem Space Available (%)	Filesystem / has only 19.85% available space	Jul 29, 2003 7:24:28 AM	19.85	Jul 30, 2003 3:39:08 AM

ADDM Analysis

Period Start Time Jul 30, 2003 3:00:56 AM Duration (minutes) 29.8

Finding	Impact (%)	Recommendation Summary
PL/SQL execution consumed significant database time.	12	SQL Tuning 1

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Related Links

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The results from an ADDM run are stored in the Automatic Workload Repository (AWR).

19.

Oracle Enterprise Manager - Database: orcl.us.oracle.com - Microsoft Internet Explorer

Address: http://stc-dbtest.us.oracle.com:5500/em/console/database/instance/sitemap?event=doLoad&target=orcl.us.oracle.com&type=oracle_database&pageNum=1

Alerts

Severity	Category	Name	Message	Alert Triggered	Last Value	Time
	Invalid Objects by Schema	Owner's Invalid Object Count	10 object(s) are invalid in the BI schema.	Jul 30, 2003 3:47:06 AM	10	Jul 30, 2003 3:47:06 AM
	Database Limits	Current Open Cursors Count	Metrics "Current Open Cursors Count" is at 417	Jul 30, 2003 3:42:02 AM	419	Jul 30, 2003 3:48:10 AM
	Invalid Objects by Schema	Owner's Invalid Object Count	6 object(s) are invalid in the DMSYS schema.	Jul 29, 2003 7:32:26 AM	6	Jul 30, 2003 3:47:06 AM

Related Alerts

Severity	Target Name	Target Type	Category	Name	Message	Alert Triggered	Last Value	Time
	stc-dbtest.us.oracle.com	Host	Filesystems	Filesystem Space Available (%)	Filesystem / has only 19.85% available space	Jul 29, 2003 7:24:26 AM	19.85	Jul 30, 2003 3:39:08 AM

ADDM Analysis

Period Start Time **Jul 30, 2003 3:00:56 AM** Duration (minutes) **29.8**

Finding	Impact (%)	Recommendation Summary
PL/SQL execution consumed significant database time.	12	SQL Tuning 1

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Related Links

Advisor Central	Alert History	Alert Log Content
All Metrics	Edit Metric Thresholds	Jobs
Metric Collection Errors	Monitoring Configuration	
iSQL*Plus		

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The Related Links section provides direct links to different management areas of your database.

20.

Oracle Enterprise Manager (SYS) - Database: s030721 - Microsoft Internet Explorer

Address: http://dsunrap23.us.oracle.com:1820/em/console/database/instance/sitemap?event=doLoad&target=s030721&type=oracle_database&pageNum=1

Dump Area Used (%) ✔ 75

(seconds)
 Last Backup ✘ Aug 6, 2003 4:15:18 PM
 Archiving **Enabled**
 Archive Area Used (%) ✔ 75

Running Executions: 0
 Suspended Executions: 0
 Problem Executions: 2 (Last 7 days)

Alerts

Severity	Category	Name	Message	Alert Triggered	Last Value	Time
✘	Tablespaces Full	Tablespace Space Used (%)	SYSTEM tablespace is 92.36% used.	Aug 6, 2003 2:23:23 PM	92.47	Aug 6, 2003 4:38:23 PM
!⚠	Database Limits	Current Open Cursors Count	The value of opencursors is 1071.	Aug 6, 2003 4:36:21 PM	1,068	Aug 6, 2003 4:46:20 PM

Related Alerts

Severity	Target Name	Target Type	Category	Name	Message	Alert Triggered	Last Value	Time
(No alerts)								

ADDM Analysis

Period Start Time **Aug 6, 2003 4:30:11 PM** Duration (minutes) **30.82**

Finding	Impact (%)	Recommendation Summary
PL/SQL execution consumed significant instance time.	10	SQL Tuning 1

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Related Links

Advisor Central	Alert History	Alert Log Content
All Metrics	Blackouts	Edit Metric Thresholds
Jobs	Metric Collection Errors	Monitoring Configuration
iSQL*Plus		

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Address: http://dsunrap23.us.oracle.com:1820/em/console/database/instance/advisorTasks?event=doLoad&dbPageNum=1&target=s030721&type=orac

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