



Login

* User Name * Password Connect As

Database Instance: DB11G

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Page Refreshed Jan 11, 2017 9:28:22 PM CET

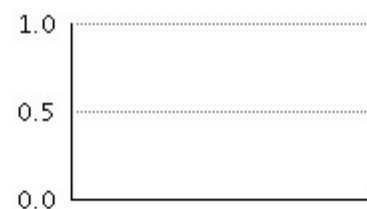
Refresh

View Data ↕

General

[Shutdown](#) [Black Out](#)Status [Up](#)Up Since **Jan 11, 2017 8:54:16 PM CET**Instance Name **DB11G**Version **11.2.0.3.0**Host [ol6-ag-rac1.localdomain](#)Listener [LISTENER_ol6-ag-rac1.locald...](#)[View All Properties](#)

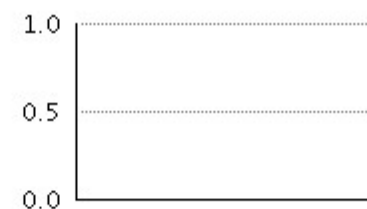
Host CPU



Loading...

Load 0.00 Paging 0.00

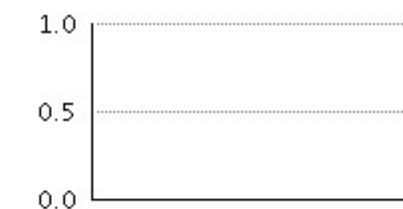
Active Sessions



Loading...

Core Count **1**

SQL Response Time



Loading...

SQL Response Time **Unavailable (%)**[Edit Reference Collection](#)

Diagnostic Summary

ADDM Findings	0
Alert Log	No ORA- errors
Active Incidents	0
Key SQL Profiles	1

[Database Instance Health](#)

Space Summary

Database Size (GB)	2.011
Problem Tablespaces	0
Segment Advisor Recommendations	0
Policy Violations	0
Dump Area Used (%)	77

High Availability

Console	Details
Oracle Restart	n/a
Instance Recovery Time (sec)	19
Last Backup	n/a
Usable Fast Recovery Area (%)	100
Flashback Database Logging	Disabled

Database Instance: DB11G

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Backup Settings

[Device](#)[Backup Set](#)[Policy](#)

Disk Settings

Parallelism [Test Disk Backup](#)

Concurrent streams to disk drives

Disk Backup Location

The fast recovery area is the current disk backup location. If you would like to override the disk backup location, specify an existing directory or diskgroup.

Disk Backup Type

**Backup Set**

An Oracle backup file format that allows for more efficient backups by interleaving multiple backup files into one output file.

**Compressed Backup Set**

An Oracle backup set in which the data is compressed to reduce its size.

**Image Copy**

A bit-by-bit copy of database files that can be used as-is to perform recovery.

Tape Settings

Tape drives must be mounted before performing a backup. You should verify that the tape settings are valid by clicking on 'Test Tape Backup', before saving them.

[Test Tape Backup](#)[Clear Tape Configuration](#)Tape Drives [Concurrent streams to tape drives](#)Tape Backup Type Backup Set

An Oracle backup file format that allows for more efficient backups by interleaving multiple backup files into one output file.

 Compressed Backup Set

An Oracle backup set in which the data is compressed to reduce its size.

Oracle Secure Backup Domain

Version on Database Server **Unknown**
Oracle Secure Backup Domain Target **Not Defined**
Backup Storage Selectors [Configure](#)

[A backup storage selector is recommended when backing up the database to tape.](#)

Media Management Settings

If you need to configure a media manager from a third-party vendor, specify the library parameters.

Media Management Vendor Library Parameters

Host Credentials

To save the backup settings, supply operating system login credentials to access the target database.

* Username * Password Save as Preferred Credential

Device

[Backup Set](#)[Policy](#)[Cancel](#)[OK](#)



Backup Settings

[Device](#)[Backup Set](#)[Policy](#)

Backup Policy

- Automatically backup the control file and server parameter file (SPFILE) with every backup and database structural change

Autobackup Disk Location

An existing directory or diskgroup name where the control file and server parameter file will be backed up. If you do not specify a location, the files will be backed up to the fast recovery area location.

- Optimize the whole database backup by skipping unchanged files such as read-only and offline datafiles that have been backed up
- Enable block change tracking for faster incremental backups

Block Change Tracking File

Specify a location and file, otherwise an Oracle managed file will be created in the database area.

Tablespaces Excluded From Whole Database Backup

Populate this table with the tablespaces you want to exclude from a whole database backup. Use the Add button to add tablespaces to this table.

Select	Tablespace Name	Tablespace Number	Status	Contents
	No Items Selected			

- TIP** These tablespaces can be backed up separately using tablespace backup.

Retention Policy

- Retain All Backups
You must manually delete any backups
- Retain backups that are necessary for a recovery to any time within the specified number of days (point-in-time recovery)
- Retain at least the specified number of full backups for each datafile

Days

Recovery Window

Backups

Redundancy

Retention Policy

Retain All Backups

You must manually delete any backups

Retain backups that are necessary for a recovery to any time within the specified number of days (point-in-time recovery)

Days

Recovery Window

Retain at least the specified number of full backups for each datafile

Backups

Redundancy

Archived Redo Log Deletion Policy

Specify the deletion policy for archived redo log files. The archived redo log files will be eligible for deletion if the fast recovery area becomes full.

None

If a fast recovery area is set, archived redo log files that have been backed up to a tertiary device and are obsolete based on the retention policy will be deleted.

Delete archived redo log files after they have been backed up the specified number of times

Backups

Host Credentials

To save the backup settings, supply operating system login credentials to access the target database.

* Username

* Password

Save as Preferred Credential

[Device](#)

[Backup Set](#)

[Policy](#)

Cancel

OK

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

Processing: Request in progress



The server is processing your request. Please wait...

TIP This operation cannot be canceled. It will continue even if the browser window is closed.

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Oracle Secure Backup

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Related Links

Access	Add Exadata Cell Targets	Advisor Central
Alert History	Alert Log Contents	All Metrics
Baseline Metric Thresholds	Blackouts	EM SQL History
Jobs	Metric and Policy Settings	Metric Collection Errors
Monitoring Configuration	Monitor in Memory Access Mode	Policy Groups
Scheduler Central	SQL Worksheet	Target Properties
User-Defined Metrics		

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Database Instance: DB11G >

Schedule Backup

Oracle provides an automated backup strategy based on your disk and/or tape configuration. Alternatively, you can implement your own customized backup strategy.

Oracle-Suggested Backup

Schedule a backup using Oracle's automated backup strategy.

[Schedule Oracle-Suggested Backup](#)

This option will back up the entire database. The database will be backed up on daily and weekly intervals.

Customized Backup

Select the object(s) you want to back up.

[Schedule Customized Backup](#)

Whole Database

You may only perform an offline backup of the entire database. If the database is OPEN at the time of backup, the database will be shut down and mounted before the backup. The database will be opened after the backup.

All Recovery Files on Disk

Includes all archived logs and disk backups that are not already backed up to tape.

Backup Strategies

Oracle-suggested:

- Provides an out-of-the-box backup strategy based on the backup destination
- Sets up recovery window for backup management
- Schedules recurring and immediate backups
- Automates backup management

Customized:

- Specify the objects to be backed up
- Choose disk or tape backup destination
- Override the default backup settings
- Schedule the backup

Host Credentials

To perform a backup, supply operating system login credentials to access the target database.

* Username

* Password

Save as Preferred Credential



Schedule Customized Backup: Options

Database **DB11G**
Backup Strategy **Customized Backup**
Object Type **Whole Database**

[Cancel](#) [Step 1 of 4](#) [Next](#)

Backup Type

- Full Backup
- Use as the base of an incremental backup strategy
- Incremental Backup
- A level 1 cumulative incremental backup includes all blocks changed since the most recent level 0 backup.
- Refresh the latest datafile copy on disk to the current time using the incremental backup

Advanced

- Delete obsolete backups
Delete backups that are no longer required to satisfy the retention policy.
- Use proxy copy supported by media management software to perform a backup
If proxy copy of the selected files is not supported, a conventional backup will be performed.

Maximum Files per Backup Set

Section Size KB

Backs up large files in parallel, using sections of the specified size. (This parameter overrides Maximum Backup Piece Size in Backup Settings.)

▶ Encryption



Schedule Customized Backup: Settings

Database **DB11G**
Backup Strategy **Customized Backup**
Object Type **Whole Database**

[Cancel](#) [Back](#) [Step 2 of 4](#) [Next](#)

Select the destination media for this backup. You can also override the default backup settings.

Disk

Disk Backup Location **/u01/app/oracle/fra/DB11G**

Tape

Media Management Vendor (MMV) Library Parameters **Not specified**

[View Default Settings](#)

[Override Default Settings](#)

Changed settings will only apply to the current backup.

[Return to Schedule Backup](#)

[Cancel](#) [Back](#) [Step 2 of 4](#) [Next](#)

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[About Oracle Enterprise Manager](#)



Schedule Customized Backup: Schedule

Database **DB11G**
Backup Strategy **Customized Backup**
Object Type **Whole Database**

[Cancel](#) [Back](#) Step 3 of 4 [Next](#)

Job

* Job Name
Job Description

Schedule

Type One Time (Immediately) One Time (Later) Repeating

[Return to Schedule Backup](#)

[Cancel](#) [Back](#) Step 3 of 4 [Next](#)

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**Warning**

Offline Backup - If the database is open at the time of backup, it will be shut down and mounted before the backup, then re-opened after the backup.

Schedule Customized Backup: Review

Database **DB11G**
Backup Strategy **Customized Backup**
Object Type **Whole Database**

Cancel Edit RMAN Script Back Step 4 of 4 Submit Job

Settings

Destination **Disk**
Backup Type **Full Backup**
Backup Mode **Offline Backup**
Fast Recovery Area **/u01/app/oracle/fra/DB11G**

RMAN Script

The RMAN script below is generated based on previous input.

```
backup device type disk tag '%TAG' database;
```

[Return to Schedule Backup](#)

Cancel Edit RMAN Script Back Step 4 of 4 Submit Job



The job has been successfully submitted.

Status

The job has been successfully submitted.

The database will be shutdown and mounted to perform this job. Please wait for this operation to complete. Click View Job to be redirected to the job status page. You may be prompted to login.

[View Job](#)[OK](#)

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

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Execution: DB11G

Page Refreshed Jan 11, 2017 10:00:19 PM CET Delete Run Edit View Definition

Summary

The Stop and Suspend operations will wait for the current step to complete. A suspended job can be resumed later, at the next step. Stop Suspend

Status **Running**
 Scheduled **Jan 11, 2017 10:00:07 PM (UTC+01:00)**
 Started **Jan 11, 2017 10:00:07 PM (UTC+01:00)**
 Ended
 Elapsed Time
 Notification **No**

Type **Database Backup**
 Owner **SYS**
 Description **Whole Database Backup**
 Backup Strategy **advanced**
 Version 10g or higher **YES**
 Database Connect String **(DESCRIPTION=(ADDRESS_LIST=(ADDR...**
 Database Name **DB11G**
 Blackout **NO**
 Encryption Mode **None**
 Offline Backup **YES**
 Backup Script [Show](#)
 Oracle Home **/u01/app/oracle/product/11.2.0/d...**
 Oracle SID **DB11G**
 Host Username **oracle**
 Database Username **SYS**
 Database Role *********

Targets
 Status

[Expand All](#) | [Collapse All](#)

Name	Targets	Status	Started	Ended	Elapsed Time (seconds)
Execution: DB11G	DB11G	Running	Jan 11, 2017 10:00:07 PM (UTC+01:00)		12
Step: Prebackup	DB11G	Scheduled			9

Delete Run Edit View Definition

[Continue](#)**Information**

The database is down. Please specify the host credentials to access database restart and diagnostics tools.

* User Name

* Password

[Continue](#)[Database](#) | [Help](#)

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Continue

Information

The database is down. Please specify the host credentials to access database restart and diagnostics tools.

* User Name

* Password

Continue

[Database](#) | [Help](#)

Database Instance: DB11G

Enterprise Manager is not able to connect to the database instance. The state of the components are listed below.

Page Refreshed Jan 11, 2017 10:04:53 PM CET [Refresh](#)

Database Instance



Status **Mounted**

Host **ol6-ag-rac1.localdomain**

Port **1521**

SID **DB11G**

Oracle Home **/u01/app/oracle/product/11.2.0/db_1**

Details **The instance has been started and is in mounted state.**

[Startup](#)[Perform Recovery](#)

Listener



Status **Up**

Host **ol6-ag-rac1.localdomain**

Port **1521**

Name **LISTENER**

Oracle Home **/u01/app/oracle/product/11.2.0/db_1**

Location **/u01/app/oracle/product/11.2.0/db_1/network/admin**

Details

Agent Connection to Instance



Status **Failed**

Details **ORA-01033: ORACLE initialization or shutdown in progress
(DBD ERROR: OCISessionBegin)**

Related Links

[Recovery Settings](#)

[Monitor in Memory Access Mode](#)

[Support Workbench](#)

Connecting...

<https://ol6-ag-rac1.localdomain:1158/em/console/logon/logon>

Google



ORACLE Enterprise Manager 11g

Database Control

[Help](#)

Login

* User Name

* Password

Connect As

 ▾

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Waiting for ol6-ag-rac1.localdomain...

Database Instance: DB11G

Home Performance Availability Server Schema Data Movement Software and Support

Page Refreshed Jan 11, 2017 10:06:07 PM CET Refresh View Data Automatically (60 sec)

General

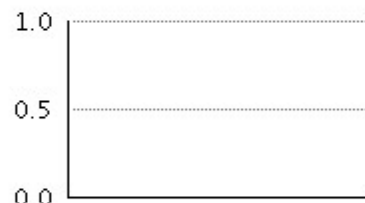


Shutdown Black Out

Status Up
 Up Since **Jan 11, 2017 8:54:16 PM CET**
 Instance Name **DB11G**
 Version **11.2.0.3.0**
 Host ol6-ag-rac1.localdomain
 Listener LISTENER_ol6-ag-rac1.locald...

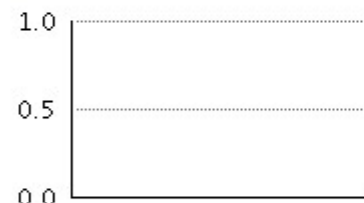
[View All Properties](#)

Host CPU



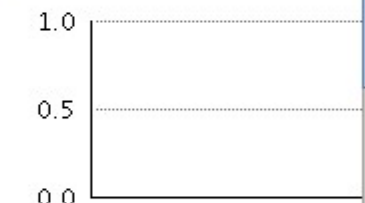
Loading...
 Load 0.00 Paging 0.00

Active Sessions



Loading...
 Core Count **1**

SQL Response Time



Loading...
 SQL Response Time Unav (%)
[Edit Reference Colle](#)

Diagnostic Summary

ADDM Findings **0**
 Alert Log No ORA-errors
 Active Incidents **0**
 Key SQL Profiles 1

Space Summary

Database Size (GB) 2.011
 Problem Tablespaces 0
 Segment Advisor 0
 Recommendations 0
 Policy Violations **0**
 Dump Area Used (%) 77

High Availability

Console Details
 Oracle Restart n/a
 Instance Recovery Time (sec) 15
 Last Backup Jan 11, 2017 10:05:05 PM
 Usable Fast Recovery Area (%) 48.32
 Flashback Database Logging Disabled

Database Instance: DB11G

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Manage Current Backups

[Catalog Additional Files](#)
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[Delete All Obsolete](#)
[Delete All Expired](#)

This backup data was retrieved from the database control file.

Backup Sets

[Image Copies](#)

Search

 Status

 Contents Datafile Archived Redo Log SPFILE Control File

 Completion Time

Results

[Select All](#) | [Select None](#)

Select	Key Tag	Completion Time	Contents	Device Type	Status	Keep	Pieces
<input type="checkbox"/>	2 TAG20170111T220457	Jan 11, 2017 10:05:00 PM	CONTROLFILE, SPFILE	DISK	AVAILABLE	NO	1
<input type="checkbox"/>	1 BACKUP_DB11G_00000_011117100010	Jan 11, 2017 10:04:48 PM	DATAFILE	DISK	AVAILABLE	NO	1

Host Credentials

To perform backup management operations, supply operating system login credentials to access the target database.

* Username

* Password

 Save as Preferred Credential

Backup Sets

[Image Copies](#)
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Manage Current Backups

Catalog Additional Files

Crosscheck All

Delete All Obsolete

Delete All Expired

Information

The Crosscheck operation has been successfully executed.

This backup data was retrieved from the database control file.

Backup Sets

[Image Copies](#)

Search

Status Available

Contents Datafile Archived Redo Log SPFILE Control File

Completion Time Within a month

Go

Results

Crosscheck

Change to Unavailable

Delete

Validate

[Select All](#) | [Select None](#)

Select	Key Tag	Completion Time	Contents	Device Type	Status	Keep	Pieces
<input checked="" type="checkbox"/>	2 TAG20170111T220457	Jan 11, 2017 10:05:00 PM	CONTROLFILE, SPFILE	DISK	AVAILABLE	NO	1
<input checked="" type="checkbox"/>	1 BACKUP_DB11G_00000_011117100010	Jan 11, 2017 10:04:48 PM	DATAFILE	DISK	AVAILABLE	NO	1

Host Credentials

To perform backup management operations, supply operating system login credentials to access the target database.

* Username oracle

* Password

 Save as Preferred Credential

Confirmation

The Crosscheck operation will be executed immediately and may take some time to complete. Are you sure you want to proceed? The following RMAN script will be executed:

```
CROSSCHECK BACKUPSET 2, 1;
```

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 Processing: Request in progress

The server is processing your request. Please wait...

 **TIP** This operation cannot be canceled. It will continue even if the browser window is closed.

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 Information

The Crosscheck operation has been successfully executed.

This backup data was retrieved from the database control file.

[Backup Sets](#)
[Image Copies](#)

Search

 Status

 Contents Datafile Archived Redo Log SPFILE Control File

 Completion Time

Results

[Select All](#) | [Select None](#)

Select	Key Tag	Completion Time	Contents	Device Type	Status	Keep	Pieces
<input type="checkbox"/>	2 TAG20170111T220457	Jan 11, 2017 10:05:00 PM	CONTROLFILE, SPFILE	DISK	AVAILABLE	NO	1
<input type="checkbox"/>	1 BACKUP_DB11G_00000_011117100010	Jan 11, 2017 10:04:48 PM	DATAFILE	DISK	AVAILABLE	NO	1

Host Credentials

To perform backup management operations, supply operating system login credentials to access the target database.

 * Username

 * Password

Crosschecks update outdated RMAN repository information about backups whose repository records do not match their physical status. For example, if a user removes archived logs from disk with an operating system command, the repository still indicates that the logs are on disk, when in fact they are not.

If the backup is on disk, then the CROSSCHECK command determines whether the header of the file is valid. If the backup is on tape, then the command simply checks that the backup exists. The possible status values for backups are AVAILABLE, UNAVAILABLE, and EXPIRED.

You can view the status of backups using the RMAN LIST command, or by querying `V$BACKUP_FILES` or many of the recovery catalog views such as `RC_DATAFILE_COPY` or `RC_ARCHIVED_LOG`. Running a crosscheck updates the RMAN repository so that all of these methods provide accurate information. For each backup in the RMAN repository, if the backup is no longer available, then RMAN marks it as EXPIRED. If it was EXPIRED and is now available, then RMAN marks it AVAILABLE.

```
[oracle@ol6-ag-rac1 DB11G]$ ls -la $ORACLE_BASE/fra
total 12
drwxr-x---. 3 oracle oinstall 4096 Dec 14 12:42 .
drwxrwxr-x. 9 oracle oinstall 4096 Dec 14 12:42 ..
drwxr-x---. 5 oracle oinstall 4096 Jan 11 22:01 DB11G
[oracle@ol6-ag-rac1 DB11G]$ ls -la $ORACLE_BASE/fra/DB11G
total 20
drwxr-x---. 5 oracle oinstall 4096 Jan 11 22:01 .
drwxr-x---. 3 oracle oinstall 4096 Dec 14 12:42 ..
drwxr-x---. 2 oracle oinstall 4096 Dec 14 12:43 controlfiles
drwxr-----. 4 oracle oinstall 4096 Jan 11 22:04 DB11G
drwxr-x---. 2 oracle oinstall 4096 Dec 14 12:43 logfiles
[oracle@ol6-ag-rac1 DB11G]$ ls -la $ORACLE_BASE/fra/DB11G/DB11G
total 16
drwxr-----. 4 oracle oinstall 4096 Jan 11 22:04 .
drwxr-x---. 5 oracle oinstall 4096 Jan 11 22:01 ..
drwxr-----. 3 oracle oinstall 4096 Jan 11 22:04 autobackup
drwxr-----. 3 oracle oinstall 4096 Jan 11 22:01 backupset
[oracle@ol6-ag-rac1 DB11G]$ ls -la /u01/app/oracle/fra/DB11G/DB11G/autobackup/
total 12
drwxr-----. 3 oracle oinstall 4096 Jan 11 22:04 .
drwxr-----. 4 oracle oinstall 4096 Jan 11 22:04 ..
drwxr-----. 2 oracle oinstall 4096 Jan 11 22:17 2017_01_11
[oracle@ol6-ag-rac1 DB11G]$ ls -la /u01/app/oracle/fra/DB11G/DB11G/autobackup/2017_01_11/
total 9608
drwxr-----. 2 oracle oinstall    4096 Jan 11 22:17 .
drwxr-----. 3 oracle oinstall    4096 Jan 11 22:04 ..
-rw-r-----. 1 oracle oinstall 9830400 Jan 11 22:04 o1_mf_s_933026446_d7f7hv5t_.bkp
[oracle@ol6-ag-rac1 DB11G]$ ls -la /u01/app/oracle/fra/DB11G/DB11G/backupset/
total 12
drwxr-----. 3 oracle oinstall 4096 Jan 11 22:01 .
drwxr-----. 4 oracle oinstall 4096 Jan 11 22:04 ..
drwxr-----. 2 oracle oinstall 4096 Jan 11 22:15 2017_01_11
[oracle@ol6-ag-rac1 DB11G]$ ls -la /u01/app/oracle/fra/DB11G/DB11G/backupset/2017_01_11/
total 1074244
drwxr-----. 2 oracle oinstall    4096 Jan 11 22:15 .
drwxr-----. 3 oracle oinstall    4096 Jan 11 22:01 ..
-rw-r-----. 1 oracle oinstall 1100013568 Jan 11 22:04 o1_mf_nnndf_BACKUP_DB11G_000000_0_d7f78fxn_.bkp
```