

```
SQL> insert into emp (empno,ename) values (1000,'TOM');
```

```
1 row created.
```

```
SQL> commit;
```

```
Commit complete.
```

```
SQL> exit
```



Login

* User Name * Password Connect As

Database Instance: DB11G

[Home](#) [Performance](#) [Availability](#) **Server** [Schema](#) [Data Movement](#) [Software and Support](#)**Storage**

- [Control Files](#)
- [Tablespaces](#)
- [Temporary Tablespace Groups](#)
- [Datafiles](#)
- [Rollback Segments](#)
- [Redo Log Groups](#) ←
- [Archive Logs](#)
- [Migrate to ASM](#)
- [Make Tablespace Locally Managed](#)

Statistics Management

- [Automatic Workload Repository](#)
- [AWR Baselines](#)

Query Optimizer

- [Manage Optimizer Statistics](#)
- [SQL Plan Control](#)

Database Configuration

- [Memory Advisors](#)
- [Automatic Undo Management](#)
- [Initialization Parameters](#)
- [View Database Feature Usage](#)

Resource Manager

- [Getting Started](#)
- [Consumer Groups](#)
- [Consumer Group Mappings](#)
- [Plans](#)
- [Settings](#)
- [Statistics](#)
- [Parallel Statement Queue](#)

Change Database

- [Add Instance](#)
- [Delete Instance](#)

Oracle Scheduler

- [Jobs](#)
- [Chains](#)
- [Schedules](#)
- [Programs](#)
- [Job Classes](#)
- [Windows](#)
- [Window Groups](#)
- [Global Attributes](#)
- [Automated Maintenance Tasks](#)

Security

- [Users](#)
- [Roles](#)
- [Profiles](#)
- [Audit Settings](#)
- [Transparent Data Encryption](#)
- [Oracle Label Security](#)
- [Virtual Private Database](#)
- [Application Contexts](#)
- [Enterprise User Security](#)
- [Database Vault](#)

Redo Log Groups

Object Type

Search

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode
 Actions

Select	Group [△]	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Current	3	No	51200	79	845825
<input type="radio"/>	<u>2</u>	Inactive	3	No	51200	77	800477
<input type="radio"/>	<u>3</u>	Inactive	3	No	51200	78	817836

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

Database Instance: DB11G >

Logged in As SYS

Redo Log Groups

Object Type Redo Log Group

Search

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode Single

 Actions

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Current	3	No	51200	79	845825
<input type="radio"/>	<u>2</u>	Inactive	3	No	51200	77	800477
<input type="radio"/>	<u>3</u>	Inactive	3	No	51200	78	817836

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Database Instance: DB11G >

Logged in As SYS

Confirmation
Log group successfully switched.

Redo Log Groups

Object Type Redo Log Group

Search

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode Single

Actions

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	1	Active	3	No	51200	79	845825
<input type="radio"/>	2	Current	3	No	51200	80	860414
<input type="radio"/>	3	Inactive	3	No	51200	78	817836

Confirmation

Log group successfully switched.

Redo Log GroupsObject Type **Search**

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode
 Actions

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Active	3	No	51200	79	845825
<input type="radio"/>	<u>2</u>	Current	3	No	51200	80	860414
<input type="radio"/>	<u>3</u>	Inactive	3	No	51200	78	817836

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

Confirmation

Log group successfully switched.

Redo Log GroupsObject Type **Search**

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode
 Actions

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Active	3	No	51200	79	845825
<input type="radio"/>	<u>2</u>	Active	3	No	51200	80	860414
<input type="radio"/>	<u>3</u>	Current	3	No	51200	81	860454

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

Database Instance: DB11G >

Logged in As SYS

Confirmation
Log group successfully switched.

Redo Log Groups

Object Type Redo Log Group

Search

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode Single

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Active	3	No	51200	79	845825
<input type="radio"/>	<u>2</u>	Active	3	No	51200	80	860414
<input type="radio"/>	<u>3</u>	Current	3	No	51200	81	860454

Confirmation

Log group successfully switched.

Redo Log Groups

Object Type Redo Log Group

Search

Enter an object name to filter the data that is displayed in your results set.

Object Name

By default, the search returns all uppercase matches beginning with the string you entered. To run an exact or case-sensitive match, double quote the search string. You can use the wildcard symbol (%) in a double quoted string.

Selection Mode Single

 Actions

Select	Group	Status	# of Members	Archived	Size (KB)	Sequence	First Change#
<input checked="" type="radio"/>	<u>1</u>	Current	3	No	51200	82	860474
<input type="radio"/>	<u>2</u>	Active	3	No	51200	80	860414
<input type="radio"/>	<u>3</u>	Active	3	No	51200	81	860454

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

Database Instance: DB11G

[Home](#) [Performance](#) [Availability](#) [Server](#) [Schema](#) [Data Movement](#) [Software and Support](#)

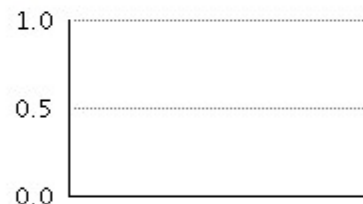
Page Refreshed Jan 12, 2017 12:28:48 PM CET

[Refresh](#)View Data ↕

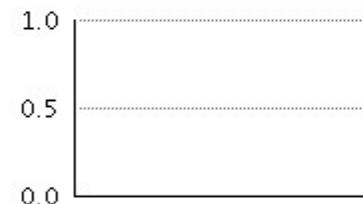
General

[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

Load [0.00](#) Paging [0.00](#)

Active Sessions

Core Count **1**

SQL Response Time

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 Recommendations	0
Policy Violations	0
Dump Area Used (%)	84

High Availability

Console	Details
Oracle Restart	n/a
Instance Recovery Time (sec)	15
Last Backup	Jan 11, 2017 10:15:01 PM
Usable Fast Recovery Area (%)	48.32
Flashback Database Logging	Disabled

Database Instance: DB11G >

Logged in As SYS Cancel OK

Startup/Shutdown:Specify Host and Target Database Credentials

Specify the following credentials in order to change the status of the database.

Host Credentials

Specify the OS user name and password to login to target database machine.

* Username

* Password

Database Credentials

Specify the credentials for the target database.

To use OS authentication, leave the user name and password fields blank.

* Username

* Password

Database **DB11G**

* Connect As

Save as Preferred Credential

Note that you need to login to the database as SYSDBA or SYSOPER in order to change the status of the database.

Cancel OK

Startup/Shutdown:Specify Host and Target Database Credentials

Specify the following credentials in order to change the status of the database.

Host Credentials

Specify the OS user name and password to login to target database machine.
* Username
* Password

Database Credentials

Specify the credentials for the target database.
To use OS authentication, leave the user name and password fields blank.
* Username
* Password
Database **DB11G**
* Connect As
 Save as Preferred Credential

Note that you need to login to the database as SYSDBA or SYSOPER in order to change the status of the database.

Cancel OK

 **Startup/Shutdown:Confirmation**Current Status **open**Operation **shutdown immediate**

Are you sure you want to perform this operation?

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Startup/Shutdown:Activity Information

The database is currently being shutdown, this operation may take some time. Once this operation is complete you can press refresh and be returned to Database Control.

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

✘ Error

Internal Error has occurred. Check the log file for details.

OK

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

Copyright © 1996, 2011, Oracle. All rights reserved.
Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)



File Edit View Search Terminal Help

```
[oracle@ol6-ag-rac1 ~]$ sqlplus / as sysdba
```

```
SQL*Plus: Release 11.2.0.3.0 Production on Thu Jan 12 12:34:13 2017
```

```
Copyright (c) 1982, 2011, Oracle. All rights reserved.
```

```
Connected to an idle instance.
```

```
SQL> exit
```

```
Disconnected
```

```
[oracle@ol6-ag-rac1 ~]$ emctl status dbconsole
```

```
Oracle Enterprise Manager 11g Database Control Release 11.2.0.3.0
```

```
Copyright (c) 1996, 2011 Oracle Corporation. All rights reserved.
```

```
https://ol6-ag-rac1.localdomain:1158/em/console/aboutApplication
```

```
Oracle Enterprise Manager 11g is running.
```

```
-----  
Logs are generated in directory /u01/app/oracle/product/11.2.0/db_1/ol6-ag-rac1.
```

```
localdomain_DB11G/sysman/log
```

```
[oracle@ol6-ag-rac1 ~]$ █
```

[Continue](#)**Information**

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

* User Name

* Password

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Left	File	Command	Options	Right																																																																	
<table border="1"> <thead> <tr> <th>'n</th> <th>Name</th> <th>Size</th> <th>Modify</th> <th>time</th> </tr> </thead> <tbody> <tr> <td>/..</td> <td></td> <td>UP--DIR</td> <td>Dec 14</td> <td>12:42</td> </tr> <tr> <td>index01</td> <td></td> <td>5251072</td> <td>Jan 12</td> <td>12:32</td> </tr> <tr> <td>sysaux01</td> <td></td> <td>614408K</td> <td>Jan 12</td> <td>12:32</td> </tr> <tr> <td>system01</td> <td></td> <td>727048K</td> <td>Jan 12</td> <td>12:32</td> </tr> <tr> <td>temp01</td> <td></td> <td>60424K</td> <td>Jan 12</td> <td>11:55</td> </tr> <tr> <td>undo01</td> <td></td> <td>696328K</td> <td>Jan 12</td> <td>12:32</td> </tr> <tr> <td>users01</td> <td></td> <td>5251072</td> <td>Jan 12</td> <td>12:32</td> </tr> </tbody> </table>		'n	Name	Size	Modify	time	/..		UP--DIR	Dec 14	12:42	index01		5251072	Jan 12	12:32	sysaux01		614408K	Jan 12	12:32	system01		727048K	Jan 12	12:32	temp01		60424K	Jan 12	11:55	undo01		696328K	Jan 12	12:32	users01		5251072	Jan 12	12:32	<table border="1"> <thead> <tr> <th>'n</th> <th>Name</th> <th>Size</th> <th>Modify</th> <th>time</th> </tr> </thead> <tbody> <tr> <td>/..</td> <td></td> <td>UP--DIR</td> <td>Dec 14</td> <td>12:42</td> </tr> <tr> <td>/controlfiles</td> <td></td> <td>4096</td> <td>Dec 14</td> <td>12:43</td> </tr> <tr> <td>/datafiles</td> <td></td> <td>4096</td> <td>Dec 14</td> <td>12:46</td> </tr> <tr> <td>/logfiles</td> <td></td> <td>4096</td> <td>Dec 14</td> <td>12:43</td> </tr> </tbody> </table>			'n	Name	Size	Modify	time	/..		UP--DIR	Dec 14	12:42	/controlfiles		4096	Dec 14	12:43	/datafiles		4096	Dec 14	12:46	/logfiles		4096	Dec 14	12:43
'n	Name	Size	Modify	time																																																																	
/..		UP--DIR	Dec 14	12:42																																																																	
index01		5251072	Jan 12	12:32																																																																	
sysaux01		614408K	Jan 12	12:32																																																																	
system01		727048K	Jan 12	12:32																																																																	
temp01		60424K	Jan 12	11:55																																																																	
undo01		696328K	Jan 12	12:32																																																																	
users01		5251072	Jan 12	12:32																																																																	
'n	Name	Size	Modify	time																																																																	
/..		UP--DIR	Dec 14	12:42																																																																	
/controlfiles		4096	Dec 14	12:43																																																																	
/datafiles		4096	Dec 14	12:46																																																																	
/logfiles		4096	Dec 14	12:43																																																																	
<p>system01</p> <p>2471M/16G (15%)</p>		<p>/controlfiles</p> <p>2471M/16G (15%)</p>																																																																			

Hint: You can disable all requests for confirmation in Options/Confirmation.

[oracle@ol6-ag-rac1 datafiles]\$

Left	File	Command	Options	Right
<	/u01/app/oracle/oradata/DB11G/datafiles			>
'n	Name	Size	Modify time	'n
UP--DIR				UP--DIR
Dec 14				Dec 14
12:42				12:42
index01	5251072	Jan 12	12:32	/controlfiles
sysaux01	614408K	Jan 12	12:32	/datafiles
system01	727048K	Jan 12	12:32	/logfiles
temp01	60424K	Jan 12	11:55	
undo01	696328K	Jan 12	12:32	
users01	5251072	Jan 12	12:32	

Move

Move file "system01" with source mask:

* [^]

[x] Using shell patterns

to:

/u01/app/oracle/oradata/DB11G/ [^]

[] follow Links [] diVe into subDir if exists

[x] preserve Attributes [] Stable Symlinks

[< OK >] [Background] [Cancel]

system01 2471M/16G (15%) UP--DIR 2471M/16G (15%)

Hint: Use M-p and M-n to access the command history.

[oracle@ol6-ag-rac1 datafiles]\$

Left				Right			
File	Command	Options	Right	File	Command	Options	Right
← /u01/app/oracle/oradata/DB11G/datafiles .[^]>				← /u01/app/oracle/oradata/DB11G .[^]>			
'n	Name	Size	Modify time	'n	Name	Size	Modify time
UP--DIR				UP--DIR			
index01		5251072	Jan 12 12:32	/controlfiles		4096	Dec 14 12:43
sysaux01		614408K	Jan 12 12:32	/datafiles		4096	Jan 12 12:39
temp01		60424K	Jan 12 11:55	/logfiles		4096	Dec 14 12:43
undo01		696328K	Jan 12 12:32	system01		727048K	Jan 12 12:32
users01		5251072	Jan 12 12:32				

UP--DIR

2471M/16G (15%)

system01

2471M/16G (15%)

Hint: Setting the CDPATH variable can save you keystrokes in cd commands.

[oracle@ol6-ag-rac1 DB11G]\$

[^]

File Edit View Search Terminal Help

Left /u01/app/oracle/oradata/DB11G/datafiles .[^]>

'n	Name	Size	Modify	time
	/..	UP--DIR	Jan 12	12:39
	index01	5251072	Jan 12	12:32
	sysaux01	614408K	Jan 12	12:32
	temp01	60424K	Jan 12	11:55
	undo01	696328K	Jan 12	12:32
	users01	5251072	Jan 12	12:32

Right /u01/app/oracle/oradata/DB11G .[^]>

'n	Name	Size	Modify	time
	/..	UP--DIR	Dec 14	12:42
	/controlfiles	4096	Dec 14	12:43
	/datafiles	4096	Jan 12	12:39
	/logfiles	4096	Dec 14	12:43
	system01	727048K	Jan 12	12:32

UP--DIR 2468M/16G (15%)

system01 2471M/16G (15%)

Hint: Setting the CDPATH variable can save you keystrokes in cd commands.

[oracle@ol6-ag-rac1 datafiles]\$

File Edit View Search Terminal Help

```
[oracle@ol6-ag-rac1 ~]$ sqlplus / as sysdba
```

```
SQL*Plus: Release 11.2.0.3.0 Production on Thu Jan 12 13:30:39 2017
```

```
Copyright (c) 1982, 2011, Oracle. All rights reserved.
```

```
Connected to an idle instance.
```

```
SQL> startup
```

```
ORACLE instance started.
```

```
Total System Global Area 1653518336 bytes
```

```
Fixed Size 2228904 bytes
```

```
Variable Size 1023413592 bytes
```

```
Database Buffers 620756992 bytes
```

```
Redo Buffers 7118848 bytes
```

```
Database mounted.
```

```
ORA-01157: cannot identify/lock data file 1 - see DBWR trace file
```

```
ORA-01110: data file 1: '/u01/app/oracle/oradata/DB11G/datafiles/system01'
```

```
SQL> exit
```

```
Disconnected from Oracle Database 11g Enterprise Edition Release 11.2.0.3.0 - 64  
bit Production
```

```
With the Partitioning, OLAP, Data Mining and Real Application Testing options
```

```
[oracle@ol6-ag-rac1 ~]$ emctl status dbconsole
```

```
Oracle Enterprise Manager 11g Database Control Release 11.2.0.3.0
```

```
Copyright (c) 1996, 2011 Oracle Corporation. All rights reserved.
```

```
https://ol6-ag-rac1.localdomain:1158/em/console/aboutApplication
```

```
Oracle Enterprise Manager 11g is running.
```

```
-----  
Logs are generated in directory /u01/app/oracle/product/11.2.0/db_1/ol6-ag-rac1.
```

```
localdomain_DB11G/sysman/log
```

```
[oracle@ol6-ag-rac1 ~]$
```

Continue

Information

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

* User Name * Password

Continue

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

[Continue](#)**Validation Error**

Examine and correct the following errors, then retry the operation:

Host Credentials - Connection to host as user sys failed.ERROR: Invalid username and/or password

* User Name

* Password

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

[Continue](#)**Validation Error**

Examine and correct the following errors, then retry the operation:

Host Credentials - Connection to host as user sys failed.ERROR: Invalid username and/or password

* User Name

* Password

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

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 12, 2017 1:40:16 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](#)

Database Instance: DB11G >

Perform Recovery: Credentials

Cancel

Continue

i Information

Information - Enterprise Manager cannot connect to the database. You must specify the host credentials to continue. The host user must be in the DBA group.

Host Credentials

* Username

* Password

 Save as Preferred Credential

Cancel

Continue

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Perform Recovery: Credentials

Cancel

Continue

i Information

Information - Enterprise Manager cannot connect to the database. You must specify the host credentials to continue. The host user must be in the DBA group.

Host Credentials

* Username * Password Save as Preferred Credential

Cancel

Continue

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

Connecting...



https://ol6-ag-rac1.localdomain:1158/em/console/page/progressPage?ipMsgID=9d348134



Google



ORACLE Enterprise Manager 11g

Database Control

Help

Database

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.

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Database Instance: DB11G >

 Information

1. [Database Failures](#) - 1
2. [Current Status](#) - MOUNTED

Perform Recovery

Oracle Advised Recovery

The Data Recovery Advisor has detected failures. Click on "Advise and Recover" to have Oracle analyze and produce recovery advice.

[Advise and Recover](#)

Failures Detected **Critical: 1 High: 0 Low: 0**
Failure Description **System datafile 1: '/u01/app/oracle/oradata/DB11G/datafiles/system01' is missing**

User Directed Recovery

Recovery Scope [Recover](#)Operation Type Restore all datafiles

Specify Time, SCN or log sequence. The backup taken at or prior to that time will be used. No recovery will be performed in this operation.

▶ Decrypt Backups

Host Credentials

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

* Username
* Password

 Save as Preferred Credential Overview

- Recover database failures as advised by Oracle
- Restore and/or recover the entire database or selected objects
- Restore files to a new location
- Recover tablespaces to a point-in-time based on a timestamp, system change number (SCN), or log sequence number
- Recover datafile data blocks that are marked as corrupted, or based on datafile block IDs or tablespace block addresses
- Flashback database or tables to a specific system change number (SCN) or timestamp

Database Instance: DB11G >

View and Manage Failures

Last Refresh January 12, 2017 9:01:29 PM CET

Select dropdown values and optionally enter failure description and impact strings to filter the data that is displayed in your results set.

Failure Description Impact Priority Status Time Detected

CRITICAL or HIGH OPEN All

Select failures and ...

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

Select	Failure Description	Impact	Priority	Status	Time Detected
<input type="checkbox"/>	Data Failures				
<input checked="" type="checkbox"/>	System datafile 1: '/u01/app/oracle/oradata/DB11G/datafiles/system01' is missing	Database cannot be opened	CRITICAL	OPEN	2017-01-12 13:07:05.0

TIP All CRITICAL failures must be selected before "Advise". All CRITICAL failures must be unselected before "Set Priority High" or "Set Priority Low".

Use a Recovery Catalog

Recovery Catalog Database **Not specified**

Related Links

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

 Processing: Advise

Advise



Step: Advise

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

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)



Database Instance: DB11G >

Manual Actions

Cancel

Re-assess Failures

Continue with Advise

The following user actions may provide a faster recovery path for certain simple failures. Click "Re-assess Failures" if user actions are performed. Otherwise, click "Continue with Advise" to use the recovery advice generated for the failures selected.

Manual Action Details

If file /u01/app/oracle/oradata/DB11G/datafiles/system01 was unintentionally renamed or moved, restore it

Cancel

Re-assess Failures

Continue with Advise

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)



Database Instance: DB11G >

Recovery Advice

Cancel

Continue

The repair includes recovery in NOARCHIVELOG mode with some data loss

RMAN Script

```
# database restore and recover until cancel
restore database;
recover database;
alter database open resetlogs;
```

Cancel

Continue

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

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Review

Cancel

Execute Recovery

The repair includes recovery in NOARCHIVELOG mode with some data loss

Failures That Will Be Resolved

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

Failure Description

Impact

Priority

Failures That Will Be Resolved

Failure Description	Impact	Priority
System datafile 1: '/u01/app/oracle/oradata/DB11G/datafiles/system01' is missing	Database cannot be opened	CRITICAL

CRITICAL

RMAN Script

```
# database restore and recover until cancel
restore database;
recover database;
alter database open resetlogs;
```

Cancel

Execute Recovery

 **Processing: Execute Recovery****Execute Recovery**

Step: Execute Recovery

 **TIP** This operation cannot be canceled. It will continue even if the browser window is closed.[Database](#) | [Help](#)

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

[About Oracle Enterprise Manager](#)

Recovery Succeeded

Recovery succeeded. See Recovery Results below.

Recovery Results

Open Database

OK

Recovery Results

Recovery Manager: Release 11.2.0.3.0 - Production on Thu Jan 12 21:05:58 2017

Copyright (c) 1982, 2011, Oracle and/or its affiliates. All rights reserved.

RMAN>

connected to target database: DB11G (DBID=400243355, not open)

using target database control file instead of recovery catalog

RMAN>

echo set on

RMAN> REPAIR FAILURE USING REPAIRID 262 NO OPEN DATABASE NOPROMPT;

Strategy: The repair includes recovery in NOARCHIVELOG mode with some data loss

Repair script: /u01/app/oracle/diag/rdbms/db11g/DB11G/hm/reco_981114038.hm

contents of repair script:

```
# database restore and recover until cancel
restore database;
recover database;
executing repair script
```

Starting restore at 12-JAN-17

allocated channel: ORA_DISK_1

channel ORA_DISK_1: SID=21 device type=DISK

channel ORA_DISK_1: starting datafile backup set restore

channel ORA_DISK_1: specifying datafile(s) to restore from backup set

channel ORA_DISK_1: restoring datafile 00001 to /u01/app/oracle/oradata/DB11G/datafiles/system01

channel ORA_DISK_1: restoring datafile 00002 to /u01/app/oracle/oradata/DB11G/datafiles/sysaux01

channel ORA_DISK_1: restoring datafile 00003 to /u01/app/oracle/oradata/DB11G/datafiles/undo01

channel ORA_DISK_1: restoring datafile 00004 to /u01/app/oracle/oradata/DB11G/datafiles/index01

channel ORA_DISK_1: restoring datafile 00005 to /u01/app/oracle/oradata/DB11G/datafiles/users01

channel ORA_DISK_1: reading from backup piece /u01/app/oracle/fra/DB11G/DB11G/backupset/2017_01_11

/o1_mf_nnndf_BACKUP_DB11G_00000_0_d7f78fxn_.bkp

channel ORA_DISK_1: piece handle=/u01/app/oracle/fra/DB11G/DB11G/backupset/2017_01_11

/o1_mf_nnndf_BACKUP_DB11G_00000_0_d7f78fxn_.bkp tag=BACKUP_DB11G_00000_011117100010

channel ORA_DISK_1: restored backup piece 1

channel ORA_DISK_1: restore complete, elapsed time: 00:04:49

Finished restore at 12-JAN-17

Starting recover at 12-JAN-17
using channel ORA_DISK_1

starting media recovery

archived log for thread 1 with sequence 80 is already on disk as file /u01/app/oracle/fra/DB11G/logfiles/redo02c
archived log for thread 1 with sequence 81 is already on disk as file /u01/app/oracle/fra/DB11G/logfiles/redo03c
archived log for thread 1 with sequence 82 is already on disk as file /u01/app/oracle/fra/DB11G/logfiles/redo01c
RMAN-08187: WARNING: media recovery until SCN 807694 complete

Finished recover at 12-JAN-17
repair failure complete

RMAN> exit;

Recovery Manager complete.

Open Database

OK

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

Left				Right			
File	Command	Options		File	Command	Options	
< ..e/oradata/DB11G/datafiles .[^]>				/ .[^]>			
'n	Name	Size	Modify time	'n	Name	Size	Modify time
/..	UP--DIR		Jan 12 12:39	/.dbus		4096	Nov 4 14:56
index01	5251072		Jan 12 21:10	/bin		4096	Dec 14 08:29
sysaux01	614408K		Jan 12 21:10	/boot		1024	Nov 4 14:52
system01	727048K		Jan 12 21:10	/cgroup		4096	Nov 22 2013
temp01	60424K		Jan 12 11:55	/dev		4380	Jan 11 20:51
undo01	696328K		Jan 12 21:10	/etc		12288	Jan 11 21:37
users01	5251072		Jan 12 21:10	/home		4096	Nov 4 17:07
				/lib		4096	Dec 13 19:39
				/lib64		12288	Nov 4 18:25
				/lost+found		16384	Nov 4 14:13
				/media		4096	Dec 13 19:53
				/misc		0	Jan 11 20:51
				/mnt		4096	Nov 1 2011
				/net		0	Jan 11 20:51
				/opt		4096	Dec 14 09:03
system01				/home			
1653M/16G (10%)				3754M/7931M (47%)			

Hint: FTP is built in the Midnight Commander, check the File/FTP link menu.

[oracle@ol6-ag-rac1 datafiles]\$

**Recovery Succeeded**

Recovery succeeded. See Recovery Results below.

Recovery Results

Open Database

OK

Recovery Results

Recovery Manager: Release 11.2.0.3.0 - Production on Thu Jan 12 21:05:58 2017

Copyright (c) 1982, 2011, Oracle and/or its affiliates. All rights reserved.

```
RMAN>
connected to target database: DB11G (DBID=400243355, not open)
using target database control file instead of recovery catalog
```

```
RMAN>
echo set on
```

```
RMAN> REPAIR FAILURE USING REPAIRID 262 NO OPEN DATABASE NOPROMPT;
Strategy: The repair includes recovery in NOARCHIVELOG mode with some data loss
Repair script: /u01/app/oracle/diag/rdbms/db11g/DB11G/hm/reco_981114038.hm
```

```
contents of repair script:
# database restore and recover until cancel
restore database;
```

Database Instance: DB11G >

i The database has been opened successfully.

Recovery Results

OK

The output of the operation is shown below. You can continue to open the database.

```
Recovery Manager: Release 11.2.0.3.0 - Production on Thu Jan 12 21:19:53 2017
```

```
Copyright (c) 1982, 2011, Oracle and/or its affiliates. All rights reserved.
```

```
RMAN>  
connected to target database: DB11G (DBID=400243355, not open)  
using target database control file instead of recovery catalog
```

```
RMAN>  
echo set on
```

```
RMAN> alter database open resetlogs;  
database opened
```

OK

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



Login

* User Name * Password Connect As

Copyright © 1996, 2011, Oracle. All rights reserved.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Unauthorized access is strictly prohibited.

Database Instance: DB11G

[Home](#) [Performance](#) [Availability](#) [Server](#) [Schema](#) [Data Movement](#) [Software and Support](#)

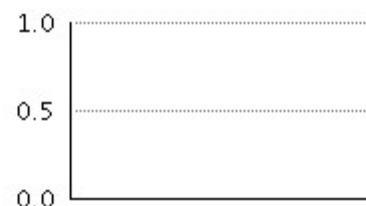
Page Refreshed Jan 12, 2017 9:23:14 PM CET

[Refresh](#)View Data [Automatically \(60 sec\)](#) ↕

General

[Shutdown](#) [Black Out](#)Status [Up](#)Up Since **Jan 12, 2017 1:30:45 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 [0](#)
 Recommendations [0](#)
 Policy Violations **0**
 Dump Area Used (%) [77](#)

High Availability

Console [Details](#)
 Oracle Restart [n/a](#)
 Instance Recovery Time (sec) [16](#)
 Last Backup [Jan 11, 2017 10:15:01 PM](#)
 Usable Fast Recovery Area (%) [48.32](#)
 Flashback Database Logging [Disabled](#)