## Create Standby Database Using Oracle 10g Enterprise Manager Grid Control

By vongates

Instance Type	Primary Instance	Physical Standby 1	Physical Standby 2
OS & Version	HP-UX 11i V1	HP-UX 11i V1	HP-UX 11i V1
Oracle Home Directory	/opt/oracle/product/10g/	/opt/oracle/product/10g/	/opt/oracle/product/10g/
Oracle Data Directory	/oradata//ora10g/	/oradata//ora10d/	/oradata//ora10s/
Database Name	Ora10g	Ora10g	Ora10g
DB Unique Name	Ora10g	Ora10d	Ora10s
DB Instance Name	Ora10g	Ora10d	Ora10s
Service Name	Ora10g	Ora10d	Ora10s
Host Name	Szvsx017	Szvsx017	Szvsx017

OS and Version:HP-UX 11i V1 64BitOracle EM Version:Oracle 10g R2 Enterprise Manager Grid ControlOracle DB Version:Oracle Database 10g Enterprise Edition Release 10.2.0.1.0Oracle Database Name : ora10g

## Create a new Physical Standby Database on single node step by step

#### →01.Open OEM Grid Control →Targets→Database→ Database Instance [ora10g]

🎒 Oracle Enterprise Manager (SYSMAN	i) - Databases - Qi	imonda							x
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u>	elp								
🗢 Back 🔹 🔿 👻 🙆 🚮 🗔 Sear	rch 🛛 🗽 Favorites	Media 🔇	) B- S (	zi 📃 💖	🎎 🖾				
Address 🕘 https://szvsx019:1159/em/cons	sole/targets\$ct×Type	e=Databases					•	∂Go Links	»
ORACLE Enterprise Manager Grid Control	10 <i>g</i>	Home	Targets	Deployme	ents Aler	<u>Setup</u> ts Polici	<u>Preferences</u> ies Jobs	<u>s Help Logc</u> Reports	•
Hosts   Databases   Application	n Servers   Web	Applications	:   Services	Systems	Groups	All Targ	ets		
Databases									
				Page R	efreshed	May 10, 20	007 1:05:52	РМ 🚯	
Search	Go Advance	ed Search							
Remove Configure   Add									
Select Name Type	Status Alerts	Policy s Violations	Compliance Score (%)	Version	Sessions: CPU	Sessions: I/O	Sessions: Other	Instance CPU (%)	
© ora10g Database Instance Primary	· 🕥 🛛 🖞	<u>732</u>	95	10.2.0.1.0	Q	Q	Q	<u>.08</u>	
<b>TIP</b> For an explanation of the icon	s and symbols u	sed in this pa	age, see the <u>lo</u>	<u>con Key.</u>				j	-
							200		
e							📑 Local intr-	anet	//

## →02. Database Instance: ora10g→Maintenance→Data Guard→Setup and Manage

🚰 Oracle Enterprise Manager (SYSMAN) - Database Instance: ora10g - Qimonda	
<u>File Edit View Favorites Iools H</u> elp	<b>1</b>
🗢 Back 🔹 🤿 🗸 🙆 🚰 🥘 Search 📓 Favorites 🛞 Media 🧭 🖏 🚽 🎒 🗐 🗐 🏀	
Address 🚳 https://szvsx019:1159/em/console/database/instance/sitemap?event=doLoad⌖=ora10g&type=oracle_database&pageNur 💌 🔗	Go Links »
ORACLE Enterprise Manager 10g	Help Logc 🔺
Grid Control Home Targets Deployments Alerts Policies Jobs	Reports
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets	
Logged in A	As SYS
Database Instance: ora10g	
Home Performance Administration Maintenance	
The Administration tab displays links that allow you to administer database objects and initiate database operations inside an database. The Maintenance tab displays links that provide functions that control the flow of data between or outside Oracle databases.	Oracle
High Availability	
Backup/Recovery Backup/Recovery Settings Data Guard	
Schedule Backup Backup Settings Setup and Manage	
Perform Recovery Recovery Settings	
Manage Current Backups Recovery Catalog Settings	
Manage Restore Points	-
	•
🗃 🗎 🔂 Local intrane	,t //

## →03. Add Standby Database

 $Database\ Instance: ora10g > Add\ Standby\ Database$ 

🚰 Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	
🗘 Back 🔹 🔿 🗸 🔯 🚮 🔯 Search 🕋 Favorites 🛞 Media 🎯	B- 4 z = 0 % 🙏 🕼
Address 🙆 https://szvsx019:1159/em/console/database/dataguard?redirect=true	e&event=doLoad⌖=ora10g&type=oracle_database 🔽 🔗 Go Links »
Grid Control	Setup Preferences Help Logout
Hosts   Databases   Application Servers   Web Applications	Services   Systems   Groups   All Targets
Database Instance: ora10g >	Logged in As SYS
Data Guard	
Page Refreshed May 10, 2007 10:28:08 AM GMT+08:00	View Data Real Time: Manual Refresh 💌 民
Overview	Standby Progress Summary
Data Guard Status <b>✓ Normal</b> Protection Mode <u>Maximum Performance</u> Fast-Start Failover <u>Disabled</u>	The transport lag is the time difference between the primary last update and the standby last received redo. The apply lag is the time difference between the primary last update and the standby last applied redo.
Primary Database	1.0
Name <u>ora10g</u> Host <u>SZVSX017</u> Data Guard Status ✔ <u>Normal</u>	0.5
Current Log 23	0.0
Properties <u>Car</u>	No data is currently available.
Standby Databases	Add Standby Database
Edit Remove Switchover Failover	Lost Dessigned Log Lost Applied Log Estimated Callover Time
	במא תכבועכע בטא במא אויוויפע בטא באווומנכע רמווטעפו דוווופ
Performance	Additional Administration
Performance Overview	Verify Configuration
	Remove Data Guard Configuration
(e)	📄 📑 🖉 Local intranet

#### **→**04.Select Standby database type:

 $\rightarrow$ Create a new physical standby database $\rightarrow$  Continue



#### **→**05. [Step 1of 6] Select Backup Type:

 $\rightarrow$ Perform a live backup of the primary database $\rightarrow$ Next



#### **→**06 [Step 2of 6]Fill in Backup Options: → Next

#### **Backup Files Direcory:**

Backup files Directory Location: /oradata/ORA10G/rmanbak

**Primary Host Credentials:** 

Username: oracle

Password: password

Save as Preferred Credential



#### →07. [Step 3 of 6] Confirm Standby database Location →Next

#### **Standby Database:**

Instance Name: ora10d

Database Storage: File System (or Raw Device)

#### Standby Host Credentials (Standby machine OS account and password)

Username: oracle

Password: password

Standby Databases Location (select or search standby machine for standby database)

Example: the same to primary machine (szvsx017)

🚰 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimonda
Elle Edit View Favorites Tools Help
$4$ -Back $\bullet \rightarrow - \bigcirc$ $2$ $2$ $2$ $2$ $2$ Search BeFavorites $2$ Media $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$
Address 🔕 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g8type=oracle_database 👱 🔗 Go Unks 😕
Grid Control
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Backup Type Backup Options Database Location File Locations Configuration Review
Add Standby Database: Database Location
Primary Database ora10g Cancel Back Step 3 of 6 Next Primary Host szvsx017
Standby Database
* Instance Name ora10d The instance name (also referred to as the SID) must be unique on the standby host.
Database Storage File System  Shoose whether the database files will be put on a conventional file system or on raw devices.
Standby Host Credentials
Enter the credentials of the user who owns the Oracle installation in the Oracle Home selected below.
* Username oracle
* Password
Standby Database Location The standby database can be created in any Oracle Home that has been discovered by Enterprise Manager. Only Oracle Homes on hosts that match the operating system of the primary host are shown. Select the Oracle Home in which to create the standby database.
Search For Host Go
Select Host A Oracle Home Oracle Server Version Operating System Operating System Version
szvsx017. /opt/oracle/product/10g 10.2.0.1.0 HP-UX B.11.11
Cancel Back Step 3 of 6 Negt
🗑 🚔 Local intranet

## **→**08 [Step 4 of 6] Confirm the Standby database File Location

## Standby Database File Locations→Customize

## Customize Storage :[/oradata/ORA10G/ora10d]

🕘 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimonda
Ejle Edit View Favorites Iools Help
↓=Back • → - ② ② 🖓 🖓 © Search 📾 Favorites ③ Media 🎯 🔄 • 🎯 📼 📄 💔 🚉 🎰
Address 🍓 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g8type=oracle_database 💌 🔗 Go Unks **
Grid Control
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Backup Type Backup Options Database Location File Locations Configuration Review
Add Standby Database: File Locations
Primary Database ora10g (Cancel) Back Step 4 of 6 Next Primary Host szvsx017 Standby Host szvsx017
Standby Database File Locations
Since the primary and standby databases are on the same host, the standby database files will be placed into an Oracle Optimal Flexible Architecture (OFA) directory structure. Click 'Customize' to modify individual file names. Total Disk Space Required 1310 MB
Network Configuration File Location
Data Guard will add configuration information for the standby database to the network configuration files (listener.ora and tnsnames.ora) in the specified directory on the standby host.
Configuration File Location /opt/oracle/product/10g/network/admin
Cancel Back Step 4 of 6 Next
🗟 🎆 Local intranet 🅢

## Fill in all files Location to [/oradata/ORA10G/ora10d]

e Edit Yew Pavorites Tools Help	
Back + → - 🕲 🖄 🕼 @ Search @ Pavorites @ Media 🥵 🔩 - 🍛 📼 🖃 🕫 🚉 🎰	
dress 🗃 https://szvsx019:1159/em/console/database/dataguard/create?target=orat0g&type=oracle_database	≖ @Go Link
Backup Type Backup Options Database Location File Locations Configuration Review	
ile Locations: Customize Tablespace Storage	
Primary Database ora10g Primary Host szvsx017 Standby Host szvsx017	(Cancel) (OK)
verride database file locations or edit file names and locations below.	
Set location for all files	
Set location for all files detected with our files	
Primary Database Name 🛆 Tablespace Status (KB) Standby Database Name	
/oradata/ORA10G/ora10g/system01.dbf SYSTEM SYSTEM 512000 /oradata/ORA10G/ora10d/system01.dbf	
/oradata/ORA10G/ora10g/undotbs01.dbfUNDOTBS1 ONLINE 204800 /oradata/ORA10G/ora10d/undotbs01.dbf	
/oradata/ORA10G/ora10g/sysaux01.dbf SYSAUX ONLINE 378880 /oradata/ORA10G/ora10d/sysaux01.dbf	
/oradata/ORA10G/ora10g/users01.dbf USERS ONLINE 5120 /oradata/ORA10G/ora10d/users01.dbf	
/oradata/ORA10G/ora10g/osiobuff01.dbf OSIOBUFF ONLINE 20480 /oradata/ORA10G/ora10d/osiobuff01.dbf	
ampfiles	
Set location for all files /oradata/ORA10G/ora10d	
Size	
Primary Database Name A Tablespace Status (KB) Standby Database Name	
/oradata/ORA10G/ora10g/temp01.dbfTEMP ONLINE 27648 //oradata/ORA10G/ora10d/temp01.dbf	
Log Files	
Set location for all files /oradata/ORA10G/ora10d	
Group 🛆 Primary Database Member (KB) Standby Database Member	
1 /oradata/ORA10G/ora10g/redo01.log 51200 /oradata/ORA10G/ora10d/redo01.log	
	1
2 /oradata/ORA10G/ora10g/redo02.log 51200 /oradata/ORA10G/ora10d/redo02.log	

# Locations Customize result: [The location customization has been successfully applied.]

🖉 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimonda 👘 👘 🖉 🖉 🖉 🖉 🖉
Ele Edit View Favorites Iools Help
$\Rightarrow$ Back $\bullet \Rightarrow - \bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$ Search $\textcircled{a}$ Favorites $\textcircled{b}$ Media $\textcircled{b}$ $\textcircled{b}$ $\bullet \bigcirc$ $\textcircled{b}$ $\textcircled{b}$ $\textcircled{b}$ $\textcircled{b}$ $\textcircled{b}$
Address 🍓 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g8type=oracle_database 💿 🔗 Go Links »
Grid Control
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Backup Type Backup Options Database Location File Locations Configuration Review
Add Standby Database: File Locations
Primary Database ora10g Primary Host szvsx017 Standby Host szvsx017
Standby Database File Locations
Since the primary and standby databases is on the same host, the standby database files will be placed into an Oracle Optimal Elexible Architecture (OFAr directory structure. Click 'Customize' to modify individual file names. Total Disk Space Required 1310 MB The location customization has been successfully applied.
Network Configuration File Location
Data Guard will add configuration information for the standby database to the network configuration files (listener.ora and the terms are in the specified directory on the standby host.
Configuration File Location /opt/oracle/product/10g/network/admin
Cancel) Back Step 4 of 6 Next
E Local intranet

Warning Report: The file sqlnet.ora does not exist at the specified location  $\rightarrow$  Yes



## →10. Add Standby database :Review→Finish

## List Primary and Standby database all related configuration informations

Elo E-	encerprise r minage	er (SYSMAN) - Add Standby Datal	base - Qimonda		
Die Eq	it View Favorites	<u>I</u> ools <u>H</u> elp			10
🕁 Back	• • • 🕲 🔄 🖞	🖞 🔞 Search 🐻 Favorites 🎯	Media 🎯 🖏 🖨 🖬 🧌 🍕	/• 🔍 🔛	_
Address	bttps://szvsx019:1	1159/em/console/database/dataguard	create?target=ora10g&type=orade_	database 💌 🔗 😡	Links »
		Manage 40		Sofue Destances Hale Las	
Grid C	CLE Enterprise	manager 10 <i>g</i>	Home Targets Deploy	ments Alerts Policies Jobs Reports	5
Host	s I Datahases I	Application Servers, J. Web App	lications   Services   System	s   Groups   All Targets	
		i ppilotitoli ocitoro 1 ittori pp			- 1
		Drawi	Configuration Pariam		
		Fiem	ous configuration review		
Add S	Standby Datab	ase: Review			$\sim$
				Cancel Back Step 6 of 6 Fin	nish
The sta	andby database cre	eation process runs as an Enterp Indiana added to the Data Guar	rrise Manager job. Standby data d configuration	abase ora10d will be created by job	_
DataG	ualucieatestanu	by and added to the Data Gdal	d conliguration.		
Pri	imary Database		Standby Database		
	Target Name	ora10g	Target Name	ora10d	
	Database Name	ora10g	Database Name	ora10g	
	Instance Name Database	oralug	Instance Name Oracle Server Version	ora100 10.2.0.1.0	
	Version	10.2.0.1.0	Oracle Home	/opt/oracle/product/10g	
	Oracle Home	/opt/oracle/product/10g	Host	szvsx017	
	Operating	S205X017.	Host Username	oracle	
	System	HP-UX B.11.11	Backup Type	New backup	
	Host Username Backup Eilee	oracle	Database Unique Name Standby Type	ora10d Physical Standby	
	Directory	/oradata/ORA10G/rmanbak	Flash Recovery Area	/oradata/ORA10G/ora10d/flash_recovery_a	area
	Location		Flash Recovery Area	2544M	
	Retain Backup Directory	No	Size (MB) Automatically Delete		
	Compress	No	Archived Redo Log Files	Yes	
	Backup Files	No			
<b>v</b> s	Standby Databa	se Storage			-
1					ت ر
Done				🔒 🞯 Local intranet	
<b>a</b> .					
Sta	ndhy datahas	e storage detail informat	ion: (data files temp files	s log files Control files)	
Sta	ndby databas	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	
Eile E	ndby databas dit View Favori	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	
Eile E	dit ⊻iew Favori → → ~ ② ③	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Eile E Back Address	indby database (dit ⊻iew Favori → → ② ⊉ ) (@) https://szvsx0 Standby Datab	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Sta Eile ⊑ ⇔ Back A <u>d</u> dress	dit View Favori → → · ③ ⊉ Mathematical Mathematical Ma	e storage detail informat tes Iools Help All All Search Favorites 19:1159/em/console/database/dat base Storage	ion: (data files, temp files Servedia 🎯 🖻 🥌 🥔 aguard/create?target=ora10g&ty	s, log files, Control files)	Links »
Eile E	dit View Favori → → · ② ② Mathematical Standby Data Datafiles	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Sta	dit View Favori → → · ② ② → https://szvsx0 Standby Datal Datafiles Primary Datab	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Sta	indby database       idit     ⊻jew       Payori       Image: Primary Database       Primary Database       /oradata/ORA10       /oradata/ORA10	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Sta	Andby database       (dit View Favori       → → ○ ② ②       (dit View Favori       → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       (dit View Favori       > → → ○ ③ ②       > ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links »
Sta Eile E G Back Agdress	Indby database       (dit View Favori       Image: standby Database       Image: standby Database       Datafiles       Primary Database       /oradata/ORA10	e storage detail informat	ion: (data files, temp files Media Media Media Media aguard/create?target=ora10g&ty STEM SYSTEM 512000 / DOTBS1 ONLINE 204800 / SAUX ONLINE 20480 / ERS ONLINE 5120 / OBUFF ONLINE 20480 /	s, log files, Control files)	Links »
Sta Eile E Back Address	dit View Favori → → · ② ② Standby Datal Datafiles Primary Datal /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10	e storage detail informat tes Iools Help 3 Search Favorites 19:1159/em/console/database/dat base Storage Tat DG/ora10g/system01.dbf SY3 DG/ora10g/system01.dbf SY3 DG/ora10g/sysux01.dbf SY3 DG/ora10g/sysus01.dbf SY3 DG/ora10g/sy	ion: (data files, temp files Media I III IIIIIIIIIIIIIIIIIIIIIIIIIIIIII	s, log files, Control files)	Links
Sta Eile E Back Address	dit View Favori → → · ② ② The primary Datable /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10	e storage detail informat tes Iools Help 3 Search Favorites 19:1159/em/console/database/dat base Storage DG/ora10g/system01.dbf VNI DG/ora10g/undotbs01.dbf VNI DG/ora10g/users01.dbf VSI DG/ora10g/users01.dbf VSI DG/ora10g/osiobuff01.dbf OSI DG/ora10g/osiobuff01.dbf OSI	ion: (data files, temp files Source Status Size (KB) STEM SYSTEM 512000 STEM SYSTEM 512000 STEM SYSTEM 512000 SAUX ONLINE 20480 SAUX ONLINE 378880 ERS ONLINE 5120 OBUFF ONLINE 5120 OBUFF ONLINE 5120 Space Status Size (KB) Stance	s, log files, Control files)	Links »
Sta Elle E Back Address	dit     ¥jew     Favori       i     i     Favori       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i       i     i     i	e storage detail informat	ion: (data files, temp files Media Media Media aguard/create?target=ora10g8ty STEM SYSTEM 512000 / STEM SYSTEM 512000 / SAUX ONLINE 204800 / SAUX ONLINE 378880 / ERS ONLINE 5120 / OBUFF ONLINE 20480 / Space Status Size (KB) Stance ONLINE 27648 /orada	s, log files, Control files)	Links »
Sta Eile E Back Address	dit     ¥jew     Favori       i     i     Yew       i     i     i	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage DG/ora10g/system01.dbf SY3 DG/ora10g/system01.dbf SY3 DG/ora	ion: (data files, temp files (data files, temp files) (data files)	s, log files, Control files)	Links »
Sta	dit     Yiew     Favori       dit     Yiew     Favori       i     i     i       i     i <t< td=""><td>e storage detail informat</td><td>ion: (data files, temp files Media Media Media</td><td>s, log files, Control files)</td><td>Links »</td></t<>	e storage detail informat	ion: (data files, temp files Media Media	s, log files, Control files)	Links »
Sta	dit View Favori → → · ② ② Tempfiles Primary Datab /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 Datab Primary Datab /oradata/ORA10 Datab Primary Datab /oradata/ORA10	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage Table DG/ora10g/system01.dbf SY: DG/ora10g/system01.dbf SY: DG/ora10g/sysux01.dbf SY: DG/ora10g/sy	ion: (data files, temp files ion: (data files, temp files) ion: (data files)	s, log files, Control files)	Links »
Sta Eile E Back Address	dit View Favori → → · ② ② The primary Database /oradata/ORA10 /oradata/OR	e storage detail informat tes Iools Help Carl Search Favorites 19:1159/em/console/database/dat base Storage DG/ora10g/system01.dbf SY3 DG/ora10g/system01.dbf SY3 DG/ora10g/sysaux01.dbf UNI DG/ora10g/sysaux01.dbf USI DG/ora10g/sysaux01.dbf USI D	ion: (data files, temp files implementation of the second	s, log files, Control files)	Links »
Sta Eile E Back Address	dit View Favori → → · ② ② The primary Database /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 I /oradata/ORA10 Database Primary Database /oradata/ORA10 /oradata/ORA1	e storage detail informat	ion: (data files, temp files	s, log files, Control files)	Links
Sta Eile E Back Address	dit View Favori → → · ② ② The primary Database Voradata/ORA10 /oradata/OR	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files) i	s, log files, Control files)	Links »
Sta	dit yjew Favori → → · ② ② Temperature Datafiles Primary Datab /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 Datafiles Primary Datab /oradata/ORA10 Datafiles Primary Datab /oradata/ORA10 /orada	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files) ion: (da	s, log files, Control files)	Links »
Sta Eile E Back Address	dit yjew Favori dit yjew Favori → → ○ ○ ○ Standby Datal Datafiles Primary Datab /oradata/ORA10 /oradat	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files) ion: (data files, temp files) ion: (data files	s, log files, Control files)	
Sta	dit       ¥jew       Favori         dit       ¥jew       Favori         i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage Table DG/ora10g/system01.dbf SY: DG/ora10g/system01.dbf SY: DG/ora10g/sysu01.dbf SY: DG/ora10g/sysu01.dbf SY: DG/ora10g/searc01.dbf USI DG/ora10g/searc01.dbf USI DG/ora10g/searc01.dbf USI DG/ora10g/control01.dbf TEMP ary Database Member ata/ORA10G/ora10g/redo01. ata/ORA10G/ora10g/redo02. ata/ORA10G/ora10g/redo03. ata/ORA10G/ora10g/redo03. ata/ORA10G/ora10g/redo04. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo06. ata/ORA10G/ora10g/redo06. ata/ORA10G/ora10g/redo06. ata/ORA10G/ora10g/redo07. DG/ora10g/control01.ctl DG/ora10g/control01.ctl	ion: (data files, temp files ion: (data files, temp files) ion: (data files) ion:	s, log files, Control files)	
Sta	dit View Pavori dit View Pavori → → ⓒ ⓒ ⓒ Standby Datal Datafiles Primary DataB /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 Control Files Primary DataB /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10 /oradata/ORA10	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage Tate DG/ora10g/system01.dbf SY: DG/ora10g/system01.dbf SY: DG/ora10g/sysaux01.dbf SY: DG/ora10g/control01.dbf OS: ata/ORA10G/ora10g/redo02. ata/ORA10G/ora10g/redo03. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/redo05. ata/ORA10G/ora10g/red05. ata/ORA10G/or	ion: (data files, temp files ion: (data files, temp files) ion: (data fil	s, log files, Control files)	Links »
Sta	dit       Yiew       Favori         i       i       i         i       i       i       i         i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage DG/ora10g/system01.dbf SY3 DG/ora10g/system01.dbf SY3 DG/ora10g/sysaux01.dbf SY3 DG/ora10g/control01.dbf OSI ata/ORA10G/ora10g/red001. ata/ORA10G/ora10g/red003. ata/ORA10G/ora10g/red004. ata/ORA10G/ora10g/red005. ata/	ion: (data files, temp files	s, log files, Control files)	
Sta Elle E Dack Address	dit       Yiew       Favori         dit       Yiew       Favori         i       i       i       i         i       i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i	e storage detail informat tes Iools Help Search Favorites 19:1159/em/console/database/dat base Storage Tat DG/ora10g/system01.dbf SY3 DG/ora10g/sysaux01.dbf SY3 DG/ora10g/control01.dbf USI DG/ora10g/control02.ct1 DG/ora10g/control01.ct1 DG/ora10g/control01.ct1 DG/ora10g/control03.ct1 S DG/ora10g/control03.ct1 S	ion: (data files, temp files ion: (data files, temp files) ion: (data	s, log files, Control files)	
Sta	dit       Yjew       Favori         dit       Yjew       Favori         i       i       i       i         i       i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files	s, log files, Control files)	
Sta Eile E Back Address	dit       Yjew       Favori         dit       Yjew       Favori         i       i       i       i         i       i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files) ion: (dat	s, log files, Control files)	
Sta Eile E Back Address	dit       Yjew       Favori         i       Yjew       Favori         i       I       I         i       Https://szvsx0       I         Standby Datal       Datafiles       I         Primary Datab       /oradata/ORA10       I         /oradata/ORA10       /oradata/ORA10       I         /oradata/ORA10       I       I         /oradata/OR	e storage detail informat tes Iools Help 3 Search Favorites 19:1159/em/console/database/dat 5 ase Storage 19:1159/em/console/database/dat 5 ase Name 10:10:10:10:10:10:10:10 10:10:10:10:10:10:10:10:10:10:10:10:10:1	ion: (data files, temp files ion: (data files, temp files) ion: (data files	s, log files, Control files)	
Sta Elle E > Back Agdress	dit       Yjew       Favori         dit       Yjew       Favori         i       i       i       i         i       i       i       i       i         i       i       i       i       i         i       i       i       i       i       i         i       i       i       i       i       i       i         i	e storage detail informat	ion: (data files, temp files ion: (data files, temp files) ion: (data files) ion: (data files, temp files) ion: (data files)	s, log files, Control files)	

#### →11. The standby database creation process runs as an enterprise manager job

Eile       Edit       View       Favorites       Tools       Help         Image: Provide the second sec
<ul> <li>         → Back          → →          S         <ul> <li></li></ul></li></ul>
Address Image: https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g&type=oracle_database       Image: console/database/dataguard/create?target=ora10g&type=oracle_database         ORACLE: Enterprise Manager 10g       Setup Preferences       Help Locout         Grid Control       Home       Targets       Deployments       Alerts       Policies       Jobs       Reports
ORACLE Enterprise Manager 10g         Setup         Preferences         Help         Logout           Grid Control         Home         Targets         Deployments         Alerts         Policies         Jobs         Reports
Grid Control Home Targets Deployments Alerts Policies Jobs Reports
Heste I. Deteksesse I. Application Servers I. Mek Applications, I. Services, J. Sustema, J. Crewns, J. All Terrete
Hosts   Databases   Application Servers   web Applications   Services   Systems   Groups   All Targets
🛞 Processing: Add Standby Database
The standby database creation process runs as an Enterprise Manager job.
The job will be submitted after completion of several preliminary steps. After all steps are complete, you will be returned to the Data Guard overview page.
Creating Data Guard configuration     Preparing standby database creation job
Submitting standby database creation job
Adding standby database target
(i)The process can be cancelled prior to submission of the standby database creation job.
Cancel
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout
Copyright © 1996, 2005, 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.
🖉 Done

🚰 Oracle Enterprise Manager (SYSMAN) - Processing: Add Standby Database - Qimonda 📃 🗌 🗙
Eile Edit View Favorites Tools Help
🖙 Back 🔹 🤿 🗸 🔯 🖓 Search 🕋 Favorites 🛞 Media 🧭 🛃 🖬 🛃 👘 🏭 %
Address 🗃 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g&type=oracle_database 🔽 🔗 Links »
ORACLE Enterprise Manager 10g         Setup         Preferences         Help         Logout         A           Grid Control         Home         Targets         Deployments         Alerts         Policies         Jobs         Reports
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Processing: Add Standby Database
The standby database creation process runs as an Enterprise Manager job.
The job will be submitted after completion of several preliminary steps. After all steps are complete, you will be returned to the Data Guard overview page.
<ul> <li>Creating Data Guard configuration</li> <li>Preparing standby database creation job</li> <li>Submitting standby database creation job</li> <li>Adding standby database target</li> </ul>
Cancel Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout Copyright © 1996, 2005, 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

## →12.Auto go back to Data Guard setup and maintains GUI

## The standby database creation in progress

Data Guard Status: Creation in progress

Eile Edit View Favorites Iools Help	
Address i https://szvsx019:1159/em/console/database/dataguard?redirect=tru	ue&event=doLoad⌖=ora10g&type=oracle_database
CRACLE Enterprise Manager 10g     Grid Control     Hosts   Databases   Application Servers   Web Applications       Database Instance: ora10g >     Data Guard	Setup Preferences Help Logout Home Targets Deployments Alerts Policies Jobs Reports   Services   Systems   Groups   All Targets Logged in As SYS
Page Refreshed May 10, 2007 10:28:08 AM GMT+08:00	View Data Real Time: Manual Refresh 💌 🚯
Overview         Data Guard Status <ul> <li>Protection Mode</li> <li>Fast-Start Failover</li> <li>Disabled</li> </ul> Primary Database         Name       ora10g         Host       SZVSX017         Data Guard Status <ul> <li>Normal</li> <li>Current Log</li> <li>Properties</li> <li>Edit</li> </ul>	Standby Progress Summary The transport lag is the time difference between the primary last update and the standby last received redo. The apply lag is the time difference between the primary last update and the standby last applied redo.  1.0 0.5 0.0 No data is currently available.
Standby Databases	
(Edit) Remove) Switchover) Failover)         Select Name       Host         Ora10d       szvsx017	Last Received Log     Last Applied Log     Estimated Failover Time       Standby     n/a     n/a
Performance Performance Log File Details	Additional Administration Verify Configuration Remove Data Guard Configuration
	Construction Description of the second secon
→13: Finished the standby database Creation: [Dat	ta Guard Status: Normal
Constant Constant Management (CMCMAN) Date Constant Olevanda	
Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda     File Edit View Favorites Tools Help	
<sup>(a)</sup> Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda             Eile Edit View Favorites Iools Help             → Back          →          ×          (a)             → Back          →         ×         (a)	× ∎ ₽- ⊉ ∎ • •• ¥, (⊵
<sup>2</sup> Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda          Elle       Edit       View       Favorites       Tools       Help <sup>1</sup> Back           → <sup>2</sup> Back          → <sup>2</sup> Back          → <sup>2</sup> Address	Links »
<ul> <li>② Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda</li> <li>Elle Edit View Favorites Tools Help</li> <li>⇒ Back • → • ⊗ ② △ © △ © Search  Favorites @Media ③</li> <li>Address ● https://szvsx019:1159/em/console/database/dataguard?redirect=true</li> <li>ORACLE: Enterprise Manager 10g</li> <li>Grid Control</li> <li>Hosts   Databases   Application Servers   Web Applications  </li> <li>Database Instance: ora10g &gt;</li> <li>Data Guard</li> </ul>	Logged in As SYS
<ul> <li>② Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda</li> <li>Elle Edit View Favorites Tools Help</li> <li>⇒ Back • ⇒ • ⊗ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</li></ul>	Logged in As SYS
② Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda         Elle       Edit       View       Favorites       Iools       Help         ♀ Back • → • ②       ②       ③       Search       Favorites       Image: Media       Image: Similar Status         Address       ⓐ       https://szvsx019:1159/em/console/database/dataguard?redirect=tru         ORACLE: Enterprise Manager 10g         Grid Control         Hosts       Databases       Application Servers       Web Applications         Database Instance: ora10g       >         Data Guard       >         Page Refreshed May 10, 2007 10:37:16 AM GMT+08:00         Overview       Data Guard Status       ✓ Normal         Protection Mode       Maximum Performance         Fast-Start Failover       Disabled         Primary Database       Name         Name       ora10g         Host       SZVSX017         Data Guard Status       ✓ Normal         Current Log       27         Properties       Edit	Logged in As SYS
② Oracle Enterprise Manager (SYSMAN) - Data Guard - Qimonda         Elle       Edit       View       Favorites       Tools       Help         ↓ Back • → · · · · · · · · · · · · · · · · · ·	Last Received Log Last Republic Log Last Republic Log Last Received Log Last Republic Log Last Received Log Last Republic Log Last Received Log Last Republic Log Last Received Log
Prace Enterprise Manager (SYSMAN) - Data Guard - Qimonda         Eile       Edit       Yew Favorites       Tools       Help         Image: Back       Image: Pavorites       Image: Pavorites       Image: Pavorites       Image: Pavorites         Address       Image: Pavorites       Image: Pavorites       Image: Pavorites       Image: Pavorites       Image: Pavorites         ORACLE: Enterprise Manager 10g       Image: Pavorites       Image: Pavorites       Image: Pavorites       Image: Pavorites         ORACLE: Enterprise Manager 10g       Image: Pavorites       Image: Pavorites       Image: Pavorites       Image: Pavorites         Data Bases       Application Servers       Web Applications       Image: Pavorites       Image: Pavorites         Data Guard       Page Refreshed May 10, 2007 10:37:16 AM GMT+08:00       Image: Pavorites       Image: Pavorites       Image: Pavorites         Overview       Data Guard Status <ul> <li>Normal</li> <li>Protection Mode</li> <li>Maximum Performance</li> <li>Data Guard Status</li> <li>Normal</li> <li>Properties</li> <li>Edit</li> <li>Standby Databases</li> <li>Edit</li> <li>Standby Databases</li> <li>Edit</li> <li>Standby Databases</li> <li>Edit</li> <li>Performance</li> <li>Performance Overview</li> <li>Log File Details</li> <li>Image: Pavorites</li> <li>Image: Pavorites</li> <li>Image: Pavorites</li> <li>Image: Pavorites</li></ul>	Last Received Log Last Applied Log Estimated Failover Time andby 26 2 0 seconds Additional Administration Verify Configuration Remove Data Guard Configuration

e

📋 📃 Local Intra

## →14: Check the targets database list if include the standby database instance [ora10d]

🎽 Oracle Enterprise Manager (SYSMAN) - Database:	s - Qimonda						_ [
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp							
🗢 Back 🔹 🤿 🖉 👔 🔞 Search 💿 Favori	tes 🌒 Media 🎯	B- 4 d	📃 eye 🚉	Ê			
Address 🕘 https://szvsx019:1159/em/console/targets\$ct:	<type=databases< th=""><th></th><th></th><th></th><th></th><th><u>▼</u> ∂∞</th><th>Lin</th></type=databases<>					<u>▼</u> ∂∞	Lin
Grid Control	Home	Targets De	ployments	Alerts	Policies Job	s Repo	rts
Hosts   <b>Databases</b>   Application Servers   N	Neb Applications	Services   Sy	ystems   I	Groups   /	All Targets		
Databases							
			Page F	efreshed	May 10, 2007 4:	40:17 PM	ß
Search Go Adv	<u>anced Search</u>						
(Remove) (Configure)   (Add)							
	Poli	y Compliance		Sessions:	Sessions: Sessi	ions: Insta	ince
Select Name A Type Status	Alerts Violation	ns Score (%)	Version	СРИ	I/O 0	ther CPL	J (%)
Physical Standby	<u>U</u> 3 U U	0 100	10.2.0.1.0				
C ora10g Database Instance: ① Primary	<u>05</u> Z3	2 95	10.2.0.1.0	<u>0</u>	Ū	<u>0</u>	<u>.08</u>
<b>TIP</b> For an explanation of the icons and symbol	ils used in this pag	e, see the <u>lcon</u>	<u>Key.</u>				
<u>9</u>					🔄 📋 📴 Loc	al intranet	
15. Go back to The data guard maintain	ns GUI→Verify	configuration	0 <b>n</b>				
🖥 Oracle Enterprise Manager (SYSMAN) - Data Gu	ard - Qimonda						
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp							
두 Back 🔻 🔿 🔹 🙆 🙆 🖓 😡 Search 💿 Fave	orites 🛞 Media 🤅	3 B- 5 B	a 📄 📣	🎎 🖾			
Address 💩 https://szvsx019:1159/em/console/database	:/dataguard?redirect=	true&event=doLo	ad⌖=	ora10g&type	=oracle_database	<u>▼</u> ∂⊙	Lir
Hosts   Databases   Application Servers   Database Instance: ora10g > Data Guard Page Refreshed May 10, 2007, 10:59:33 AM (6)	Web Applications	:   Services	Systems View Detr	Groups	All Targets Log	ged in As	SYS
Page Refleshed May 10, 2007 10:55:55 AM C	MT+00:00		View Data	a [Real Th	ie. Manual Reire	sn 🗾	ED
Overview	Standby	Progress Su	mmary				
Data Guard Status 🗸 Normal	The transport received red	: lag is the time diff 5. The apply lag is f	erence betw the time diffe	rence betwe	ary last update and een the primary last	the standby update and	/ last the
Protection Maximum Performance	standby last :	applied redo.					
Fast-Start Dischlad	15			12			
Failover Disabled	<b>g</b> <sup>12</sup>			12			
Primary Database	9					Apply Lag	Lag
Name <u>ora10g</u> Host ST/SY017	<b>%</b> 6	4					
Data Guard Vormal	3 🖵		ora10d				
Status Current Log 28							
Properties <u>Edit</u>							
Standby Databases					Add Oten	dhy Dotob	200
(Edit) (Remove) (Switchover) (Failover)					(Aud Stan	uby Databa	ase
Data Guard	Dala	Last Receive	ed Las	st Applied	Estimated	Failover	
ora10d S7/SX017 A Normal	Physical	27	27	3	Lime O secondo		
	Standby	<u> </u>	21		o seconds		
Performance		Additiona	d Admini	stration			
Performance Overview		Verify Conf	iguration	$\sum$			
Log File Details		<u>Remove Da</u>	ita Guard (	Configuratio	<u>on</u>		
9 9					A 👰	al intranat	

<u>File Edit View Favorites Iools H</u> elp	غ لك،
	-
💠 Back 🔹 🔿 🖌 🔯 🖓 🚱 Search 👔 Favorites 🛞 Media 🧭 🛃 🚽 🎒 📝 🗐 🎲	
Address 🕘 https://szvsx019:1159/em/console/database/dataguard?redirect=true&event=verify⌖=ora10g&type=oracle_database 💽 🔗 Go 🛛 Li	inks '
ORACLE Enterprise Manager 10g	qout
Grid Control Home Targets Deployments Alerts Policies Jobs Report	ts
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets	
Logged in As SY	S
le Processing: Verify	_
Verify checks various standby database settings.	
The results of the verify will be shown upon completion. You can click Cancel to stop processing at any time.	
<ul> <li>✓ Initializing</li> <li>✓ Switching current log</li> </ul>	
<ul> <li>Performing bealth check</li> </ul>	
Updating Data Guard information	
Checking standby redo log files	
Checking Data Guard status	
Checking properties	
Saving detailed results	
Canad	<u> </u>
Home   Largets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout	•
Converiant @ 1996_2005_Oracle_All rights reserved	▶
🍯 Done 🛛 🕹 📴 Local intranet	
🖓 Oracle Enternrise Manager (SYSMAN) - Processing: Verify - Oimonda	
File Edit View Favorites Tools Help	
😓 Back 🔻 🔿 🛪 🖾 🕼 🖓 🛛 🚱 Search 🛛 📾 Favorites 🖾 Media 🖓 🕼 🖘 🖚 📨 🗐 📰 🚱	
$\Rightarrow$ Back $\bullet \rightarrow \bullet \otimes \odot$ $\odot$ $\odot$ Search $\cong$ Favorites $\odot$ Media $\odot$ $\otimes$	inks <b>'</b>
← Back • → · ② ② ② ③ ④ ③ ◎ Search ③ Favorites ③ Media ③ □ □ · ④ ◎ □ □ · ● · ○ □ □ · ○ · ○ □ □ · ○ · ○ □ □ · ○ · ○	.inks >
→ Back · → · ③ ④ ④ ③ Search ▲ Favorites ④ Media ③ ▷ · ④ ☑ ● ^/• 값 ⊾         Address ● https://szvsx019:1159/em/console/database/dataguard?redirect=true&event=verify⌖=ora10g&type=oracle_database         ORACLE Enterprise Manager 10g         Grid Control	inks >
← Back • → · ② ② ③ ④ ② Search ▲ Favorites ③ Media ③ ▲ · ④ ② ● ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	inks * gout ts
<ul> <li>← Back • → • ⊗ ⓓ ⓓ ℚ Search ▲ Favorites ♥ Media ⊗ E∆ • ⓓ ♥ ♠ ⊠ ⊡ ♥ ♣ E </li> <li>Address ⓓ https://szvsx019:1159/em/console/database/dataguard?redirect=true&amp;event=verify⌖=ora10g&amp;type=oracle_database</li> <li>CRACLE Enterprise Manager 10g</li> <li>Grid Control</li> <li>Home Targets</li> <li>Deployments</li> <li>Alerts</li> <li>Policies</li> <li>Policies</li> <li>Alerts</li> <li>Policies</li> <li>Congred in As SY</li> </ul>	inks * gout ts
<ul> <li>⇔ Back • → • ⊗ @ @ @ Search @ Favorites @ Media @ E • @ @ @ @ • @ @ @ @ • @ @ @ @ @ @ @</li></ul>	inks * gout ts
<ul> <li>⇒ Back • → • ⊗ ▲ ▲ Qsearch ▲ Favorites ♥ Media ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲</li></ul>	inks <sup>3</sup> gout Is S
<ul> <li>⇒ Back • → • S I G Search Favorites Media I Favorites Media I G Search Favorites Media I Favorites Media I Favorites I Favor</li></ul>	inks ' gout ts
<ul> <li>⇒ Back • → • ⊗ @ @ @ Search @ Favorites @ Media @ @ • @ @ @ @ • @ @ @ @ @ @ @ @ @ @ @</li></ul>	inks <sup>3</sup>
Back • • • • • • • • • • • • • • • • • • •	inks ' gout ts
Back	inks * gout ts
Back • • • • • • • • • • • • • • • • • • •	inks *
<ul> <li>→ Back → → ○ △ △ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○</li></ul>	inks <sup>3</sup> gout ts
Back	inks <sup>3</sup> gout is
Back      B	inks <sup>3</sup> gout ts
→ Back → → ◇ ② ② ③ ③ ③ Search ● Favorites ⑦ Media ② ○ △ ② ◎ ○ ○ ◎ ◎ ⑦ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	inks <sup>3</sup> gout ts
Back      B	inks <sup>3</sup> gout ts S
Back • • • • • • • • • • • • • • • • • • •	inks '
Back	inks <sup>3</sup> gout s
Back	inks <sup>*</sup> gout s
Careet       Careet         Home       Targets         Address       https://sxvs.019:1159/em/console/database/dataguard?redirect=true&event=verify⌖=ora10g&type=oracle_database         Address       https://sxvs.019:1159/em/console/database/dataguard?redirect=true&event=verify⌖=ora10g&type=oracle_database         Address       https://sxvs.019:1159/em/console/database/dataguard?redirect=true&event=verify⌖=ora10g&type=oracle_database         Address       https://sxvs.019:1159/em/console/database/dataguard?redirect=true&vent=verify⌖=ora10g&type=oracle_database         Address       Application Servers       Web Applications       Services       Systems       Groups       All Targets         Address       Application Servers       Web Applications       Services       Systems       Groups       All Targets         Back       Address       Application Servers       Web Applications       Services       Systems       Groups       All Targets         Werify checks       Varify       Processing:       Verify       Verify       Cancel       Logged in As SY:         Verify checks       Varify checks       Varify ing protection       Node       Switching current log       Performing health check       Opdating Data Guard status       Verifying protection mode       Checking standby redo log files       Ochecking properies       Verifying log switch<	inks <sup>3</sup> gout s



🚰 Oracle Enterprise Manager (SYSMAN) - Processing: Verify - Qimonda 📃 🖉	
<u>File Edit View Favorites Tools H</u> elp	
🖙 Back 🔹 🤿 🖌 🙆 🚰 🥘 Search 📾 Favorites 🎯 Media 🧭 🖏 🚽 🎒 🖬 🗐 💔 🚉 🏠	
Address 🙆 https://szvsx019:1159/em/console/database/dataguard?target=ora10g&type=oracle_database	Links »
ORACLE Enterprise Manager 10g	
Home / Targets Deployments Alerts Policies Jobs	RE
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   An Targets	
Logged in As SY	/s
Processing: Verify Completed	_
Verify completed successfully. Check the detailed results for more information.	
Detailed Results	
Initializing Connected to instance SZVSXD17:ora10g Starting alert log monitor Updating Data Guard link on database homepage Data Protection Settings: Protection mode : Maximum Performance Log Transport Mode settings: ora10g: ASYNC ora10d: ASYNC Checking Standby redo log filesOK Checking Data Guard status ora10g : Normal ora10d : Normal Checking Inconsistent Properties	
😂 🔤 🔂 Local intranet	/_

Detailed Results:

```
Initializing

Connected to instance SZVSX017:oralOg

Starting alert log monitor...

Updating Data Guard link on database homepage...

Data Protection Settings:

Protection mode : Maximum Performance

Log Transport Mode settings:

oralOg: ASYNC

oralOd: ASYNC

Checking Standby redo log files....OK

Checking Standby redo log files....OK

Checking Data Guard status

oralOd : Normal

oralOd : Normal

Checking agent status

oralOd ... OK

oralOd ... OK

Switching log file 27.Done

Checking applied log on oralOd...OK

Processing completed.
```

## Add exist standby database instance into 10g OEM Grid Control step by step

Primary DB Name:	ora10g
Standby DB Name:	ora10s
Standby type:	Physical standby
DB Version:	10.2.0.1 EE
Host Name:	szvsx017

## →01 Go Back to OEM→Targets→Databases→Add

🖹 Oracle Enterpri	ise Manager (SYSMAN)	) - Databas	es - Qimono	la								
<u>File E</u> dit <u>V</u> iew	F <u>a</u> vorites <u>T</u> ools <u>H</u> e	elp										
🔃 Back 🔹 🔿 👻	🙆 😰 🖓 😡 Sean	ch 🛛 🙀 Favi	orites 🛞 M	ledia 🌀	B- 🥑 I	zi L	🛛 oyo 🚉	È				
Address 🥘 https:/	//szvsx019:1159/em/cons	ole/targets\$	ct×Type=Dat	abases						•	∂°60	Links
Grid Control				Home	Targets	Dep	loyments	Alerts	Policies	Jobs	Repor	ts .
Hosts   Data	abases   Application	i Servers	Web Appl	ications	Services	Sys	stems   I	Groups   .	All Targets			
Databases												
							Page F	Refreshed	May 10, 2	007 4:40:1	7 PM	B
Search		Go Ac	dvanced Se	arch								
(Remove) C	http://www.com											
				Polic	v Complia	nce		Sessions	: Sessions:	Sessions	: Insta	nce
Select Name /	🗅 Туре	Status	Alerts	Violation	is Score	(%) \	/ersion	CPU	J I/O	Othe	r CPU	(%)
⊙ <u>ora10d</u>	Database Instance: Physical Standby	•	<u>Q</u> <u>3</u>	0 0	0	100 1	10.2.0.1.0					
C <u>ora10g</u>	Database Instance: Primary	٢	05	<u>Z</u> 3	2	95 1	10.2.0.1.0	<u>0</u>	Q	<u>0</u>		.08
<b>TIP</b> For an ex	xplanation of the icon:	s and syml	bols used ir	n this pag	e, see the <u>l</u>	<u>con K</u>	<u>(ey.</u>					
E a la écolo de la c												
9										🔠 Local in	tranet	
Oracle Enterpr	ise Manager (SYSMA	N) - Add D	atabase In:	stance Ta	rget: Specil	iy Hos	st - Qimor	nda				
Eile Edit ⊻iew	Favorites Tools	Help				_						
⇔Back ▼ ⇒ →	୍ ତ୍ର ଅ <u>ଜ୍ଞା</u> ପ୍ରାରେ	arch 💽 Fa	avorites 🧐	jî Media €	<b>3</b>   Br é	9 🖂	I 📃 (Y)					1
dress 🥘 https:	://szvsx019:1159/em/cor	nsole/admin/	/rep/emdConi	fig/targetA	ddSelectHost	?type•	=oracle_da	tabase8.ct×	Type=Datab	ases8r 💌	@Go	Links
ORACLE	Enterprise Manage	r 10 <i>g</i>				_			Setu	p <u>Preferer</u>	nces H	<u>elp Lo</u>
Grid Control	lan anan Qan Guuratian	. I. Manaa		Hom	e Target	s /	Deploym	ents Ale	erts / Poli	cies Jo	bs Y	Repoi
Enterprise M	lanager Configuration	i   Manag	jement Ser	vices and	r Repositor	y   P	Agents				O o utiu	
Add Databa	a la trata da Tar									ancel	Contin	ue
In order to add	targets to be menitor	get: Spo rod by Ent	ecity Ho: amrica Ma	SC noner vo	u muet fire	t eno	cify the h	oet on wh	ich thaca t	arnote roe	ido	
Type the host r	name or click the ico	n to select	t the hest.	nager, ye	a mast ma	r ohe	city the fi	iost on wh	ich nose t	aigets ies	iue.	
* Host szvsx	017						Overvi	ew				
Ø TIP If the ho- process the clust	<del>st you specify is a m</del> will allow you to add ter.	<del>lember of</del> I cluster da	a cluster ta atabase tar	arget, the rgets on			This proc listeners, (ASM) as is an enti administe Enterpris these typ	ess allow and Auto monitore ty that yo ar using E e Manage es on the	s you to ad mated Stor d targets. / u want to n nterprise M r will searc host that y	ld databas rage Mana A monitor nonitor an lanager. h for targe /ou specif	es, agers ed targ d ets of y.	et
									C	ancel	Contin	ue

Þ

🔒 🔠 Local intranet

https://szvsx019:1159/em/console/functions

→03: Specify Host→Continue→ Auto Discovery

Eile Edit View Favorites Iools Help	19. 19.
💠 Back 🔹 🔿 🖉 🙆 🚰 🥘 Search 🝙 Favorites 🎯 Media 🧭 🛃 🚽 🗃 🖃 💔 📖 🕍	
Address a https://szvsx019:1159/em/console/database/config?type=oracle_database&mode=add&emdUrl=https%	3A//szvsx017.szv.inf▼ 🔗 Go Links ≫
ORACLE Enterprise Manager 10g         Home         Targets         Deployments         Ale           Grid Control         Home         Targets         Deployments         Ale           Hosts         Øatabases         Application Servers         Web Applications         Services         Systems         Groups	Setup Preferences Help Log rts Policies Jobs Reports s   All Targets
🛞 Targets Discovered on Host: szvsx017	
Target discovery is in progress.	
This operation may take several minutes. This page will automatically forward to the next page when	done.
ranget discovery is in progress. This may take several minutes.	
IP This operation cannot be cancelled. It will continue even if the browser window is closed.	
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Prefe	rences   Help   Logout
Copyright © 1996, 2005, Oracle. All rights reserved. Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other na About Oracle Enterprise Manager	ames may be trademarks of their respect
Done	A Calintranet
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin	nonda 📃 🗆 🗶
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin     Ele Edit View Favorites Tools Help	nonda
<ul> <li>         Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin         Eile Edit View Favorites Tools Help         ← Back • → • ③ ④ ④ ④ ③ Search  Favorites ⑨ Media ④ ⑤ • ④ ☑ ● ♥♥ ǚ, ⑥.     </li> </ul>	nonda
	nonda _□×
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin          Ele Edit Vew Favorites Tools Help                ← Back              ← →	Ierts Policies Jobs Repor
Oracle Enterprise Manager (SY5MAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin          Ele Edit Wew Favorites Tools Help	Ierts Policies Jobs Repor ps   All Targets
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin         Ele Edit Wew Favorites Tools Help            → Back - → - ② ⑦ ① ① ③ Search ③ Favorites ③ Media ③ ◎ · → ③ ② ◎ · ● · ◎ ○ · ● · ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	Ierts Policies Jobs Repor ps   All Targets Cancel OK wered can be added manually.
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvisk017.szv.infineon.com - Qin         Ele Edit Vew Favorites Iools Help         Image: Back - Image: Provide	Interest and the set targets, click on targets, click
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin         Ele Edit View Favorites Tools Help         Image: Back + Image: Provide Tools Help         Address Image: Address Provide Tools Help         Image: Provide Tools Help	Image: Setup Preferences Help Lot       Setup Preferences Help Lot       Jerts Policies Jobs Repor       ps   All Targets       Cancel OK       wered can be added manually.       ne of these targets, click on
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szysx017.szy.infineon.com - Qim         Ele       Edit       Yew       Favorites       Tools       Help         Image: Back + Image: Pavorites       Image: Pavorites <t< td=""><td>Image: Setup Preferences Help Lo   Setup Preferences Help Lo   Ierts Policies Jobs Repor   ps All Targets   Cancel OK   wered can be added manually.    ne of these targets, click on   Configure Metrics</td></t<>	Image: Setup Preferences Help Lo   Setup Preferences Help Lo   Ierts Policies Jobs Repor   ps All Targets   Cancel OK   wered can be added manually.    ne of these targets, click on   Configure Metrics
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qim         Ele       Edt       Wew       Favorites       Tools       Help         Image: Back - Image: Provide and Provides       Image:	Image: Setup Preferences   Setup Preferences   Help Lot   Ierts   Policies   Jobs   Report   ps   All Targets    Cancel OK     wered can be added manually.  ne of these targets, click on      Configure  Metrics
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szysx017.szy.infineon.com - Qim         Ele       Edit       Wew       Favorites       Tools       Help         → Back - → - ②       ②       ③       ③       ③       ●	Image: Setup Preferences Help Lot   Setup Preferences Help Lot   Jerts Policies Jobs Report   ps   All Targets     Cancel OK   wered can be added manually.    wered can be added manually.   ne of these targets, click on     Configure Metrics
Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qin Elle Edit View Favorites Tools Help → Back - → - ② ② ③ ④ ③ Search ■ Favorites ③ Media ③ ◎ • ④ ◎ ◎ ● ● ◎ ◎ ◎ ● ● ◎ ◎ ● ● ○ ● ○ ● ○ ● ○	Image: Setup Preferences   Setup Preferences   Help Lo   Jerts   Policies   Jobs   Repor   ps   All Targets     Cancel   OK   wered can be added manually.    ne of these targets, click on     Configure   Metrics

Modify the configure to Normal  $\rightarrow$  Input monitor password and test connection  $\rightarrow$  Failed

🕗 Oracle Enterprise Manager (SYSMAN) - Configure Da	tabase Instance: Properties - Qi	imonda	
Eile Edit Yiew Favorites Iools Help			
🖙 Back 🔹 🤿 🖉 😰 🖓 🔞 Search 💿 Favorites	: @Media 🧭 🛃 🍜 🗃	🗐 💔 🚉 🏠	
Address 🕘 https://szvsx019:1159/em/console/database/con	fig?target=		▼ 🖉 Go Links »
Grid Control	Home Targets De	eployments Alerts	s Policies Jobs Repo
Hosts   Databases   Application Servers   We	b Applications   Services   S	ystems   Groups	All Targets
		Can	cel) Step 1 of 5 Next)
Validation Error			
Please correct the following error(s).			
Monitor Password - Password must be spec	ified		
Properties Install F	ackages Credentials Parar	meters Review	
Configure Database instance. Propertie	15		
* Name  ora10s			
Type Database Instance			
			Test Connection
Name	Value		
Oracle home path	/opt/oracle/product/10g		
Monitor Username	dbsnmp		
Monitor Password	Provent for the specified		
Role	Normal		
Listener Machine Name	szvsx017		
Port	1521		
Database SID	ora10s		
		Can	cel) Step 1 of 5 Next)
Home   Tarnets   Denloyments   Alerts	I Policies I John I Reports I	Setun I Preferenc	
https://szvsx019:1159/em/console/database/config?target-	=#		🔒 🚉 Local intranet 🛛 🖉

→Test connection Result: ORA-604

Oracle Enterprise Manager (SYSMAN)	- Configure Database Instance: Properties - Qimonda
file Edit View Favorites Tools He	
⊨Back + → - 🕝 😰 🚮 😡 Seard	h 📷 Favorites 🧐 Media 🎲 🔁 🛨 🎯 🖾 🖃 🥬 🔝 🎼
ddress 😂 https://szvsx019:1159/em/cons	le/database/config?target=
ORACLE Enterprise Manager	0g Setup Preferences Help L
Hoste   Databases   Application	Servers   Web Applications   Services   Systems   Groups   All Targets
Tiosts   Databases   Application	Servers   Web Applications   Services   Systems   Stroops   An Targets
	Cancel Step 1 of 5 Next
Error	er ODA 2000/ error economic of recursive 20th Javel 1, ODA 21219; detabase not energy
queries allowed on fixed tables/	e: ORA-00204: error occurred at recursive SGEHeven TORA-01219: database not open: iews only
	O
Configure Database Instance	es Install Paskages Credentials Parameters Review
configure Database instance	
* Name  ora10s	
Type Database Instance	
N	(Test Connection)
Name	Value
Uracle nome path	dhannan
Monitor Osemanie	4051mp
	Nermal
Role	amon 017
Listener Machine Name	szyskult.
Port	1521
Database SID	ora10s
	Cancel Step 1 of 5 Negt
Done	🔒 🕅 Local intranet
Change Role and Monitor User	name(Because the Standby is not open)
Oracle Enterprise Manager (SYSMAN)	- Configure Database Instance: Properties - Qimonda

Ele Edit Yew Favorites Iools Help	
↔ Back + → - 🙆 😰 🖄 🔞 Search 💮 Favorites	@Media 🚷 🛃 🗃 🗐 🔛 🎎 🅍
Address (a) https://szvsx019:1159/em/console/database/con	ig?target=
Hoste   Databases   Application Servers   We	h Annlications   Senices   Systems   Grouns   All Targets
Tibers   Databases   Application Devels   We	D'Applications   Centres   Cystems   Croups   Air raigets
	Cancel Step 1 of 5 Negt
Configure Database Instance: Propertie	s
a Name and 10a	-
* Name jora lus	
Type Database Instance	(Test Connection)
Namo	Value
Oracle home noth	/opt/oracle/product/10g
Maritas Harman	
Monitor Osemame	5/5
Monitor Password	
Role	SYSDBA -
Listener Machine Name	szvsx017
Port	1521
Database SID	ons10s
	Cancel Stan 1 of 5 Nevt
Users I Transfe I Devision of a lister	Belisized John J. Bernste J. Berlenner J. Historie I.
é)	🕒 🚰 Local intranet 🥢

Test connection was successful

🚰 Oracle Enterprise Manager (SYSMAN) - I	Configure Database Instance: Properties - Qimonda	
Ele Edit Yew Favorites Tools Help		18) 19
↔ Back • → • ② ② ঐ 础 ③Search	📷 Favorites 🎯 Media 🧭 🛃 🎒 🖾 📃 🚧 🚉 🏠	
Address ) https://szvsx019:1159/em/console,	/database/config?target=	▼ ⊘Go Links »
Hosts   Databases   Application S	ervers   Web Applications   Services   Systems   Groups   All Targets	-
	(Cancel) Step	0 1 of 5 Next)
ASuccess		
The connection test was successf	ful.	
Propertie	s Install Packages Credentials Parameters Review	
Configure Database Instance:	Properties	
* Name ora10s		
Type Database Instance		
	Tes	st Connection
Name	Value	
Oracle home path	/opt/oracle/product/10g	
Monitor Username	sys	
Monitor Password	*****	
Role	SYSDBA -	
Listener Machine Name	szvsx017	
Port	1521	
Database SID	ora10s	
	(Cancel) Step	1 of 5 Next
4		
<u>)</u>	🔤 🙆 🏙 Loca	il intranet //
Oracle Enterprise Manager (SYSMAN) -	Configure Database Instance: Review - Qimonda	_D_×
Ele Edit Yew Favorites Tools Help		10
↔ Back • → • 🕥 🕼 🚮   Q Search	🔄 Favorites 🐨 Media 🎲 🗠 - 🍜 🖾 📃 👐 🔍 🔛	
Agdress E https://szvsx019:1159/em/console	/database/config?target=	Go Links *
These   Databases   Application S	reneral reneral of the services of the service	
	(Cancel) (Back Step 5 d	15 OK

Review the changes made below for this database. Select "OK" when you are done, or select "Back" to edit the changes. Name **ora10s** 

Properties Install Packages Credentials Parameters Review

#### Properties

Configure Database Instance: Review

Name	Value	
Oracle home path	/opt/oracle/product/10g	
Monitor Username	sys	
Monitor Password	*****	
Role	SYSDBA	
Listener Machine Name	szvsx017	
Port	1521	
Database SID	ora10s	
<b>TIP</b> Configuration changes w	ill only take effect for those databases that are added as targets.	
TIP Configuration changes w	ill only take effect for those databases that are added as targets.	
TIP Configuration changes w nstall Monitor Objects Skip these steps. These metric	ill only take effect for those databases that are added as targets. s will remain disabled.	
<b>TIP</b> Configuration changes w nstall Monitor Objects Skip these steps. These metric r Name DBSNMP	ill only take effect for those databases that are added as targets. s will remain disabled.	
<b>TIP</b> Configuration changes w <b>nstall Monitor Objects</b> Skip these steps. These metric r Name <b>DBSNMP</b> issword	ill only take effect for those databases that are added as targets. s will remain disabled.	
<b>TIP</b> Configuration changes w <b>nstall Monitor Objects</b> Skip these steps. These metric r Name <b>DBSNMP</b> assword	ill only take effect for those databases that are added as targets. s will remain disabled.	

→04.The database Instance ora10s configure status to normal→OK

🚰 Oracle Enterprise Manager (SYSMAN) - Targets Discovered on Host: szvsx017.szv.infineon.com - Qimonda	×
Eile Edit View Favorites Iools Help	1
💠 Back 🔹 🤿 🖉 🚰 🔞 Search 🔊 Favorites 🛞 Media 🔇 🖏 🖏 🎒 🖬 🗐 🕪 📖	
Address 🕘 https://szvsx019:1159/em/console/database/config?pageName=summary⌖=&mode=add&emdUrl=https%3A%2F%2F; 🗸 🔗 Go Link	5 <sup>33</sup>
Grid Control  CRACLE Enterprise Manager 10g Home Targets Deployments Alerts Policies Jobs Rep	
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets	
Targets Discovered on Host: szvsx017	
Databases	
The following databases have been discovered on this host. A database that has not been discovered can be added manually. A database may be further configured by clicking the associated "Configure" button.	
Select All Select None	
Select Name Configure Metrics	
ora10s ( 🖄 ) 🥅	
(Manually Add	
IP Configuration changes will only take effect for those databases that are added as targets.	
	-
	Г
🙆 Done 🕒 🔒 🔠 Local intranet	1

#### **→**05.Saving the database instance into the OEM database.

🖉 Database Instance Configuration Result - Qimonda 📃 🗆 🗙
Eile Edit View Favorites Tools Help
🗢 Back 🔹 🤿 🖉 👔 🖓 🥘 Search 🕋 Favorites 🎯 Media 🧭 🛃 🚽 🎒 📝 🗐 💔 🚉 🏠
Address 🙆 https://szvsx019:1159/em/console/database/config?target=&cancelURL=
Setup         Preferences         Help         Loar           Grid         Control         Home         Targets         Deployments         Alerts         Policies         Jobs         Reports
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Database Instance Configuration Result
Target saving is in progress.
This operation may take several minutes. This page will automatically forward to the next page when done.
$\bigcirc$
Target saving is in progress. This may take several minutes.
IP This operation cannot be cancelled. It will continue even if the browser window is closed.
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout
Copyright © 1996, 2005, 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 respect About Oracle Enterprise Manager
🙆 🕒 Cocal intranet 🥢

**→**06.Database Instance Configuration Result is successful **→**OK

🚰 Oracle Enterprise Manager (SYSMAN) - Database Instance Configuration Result - Qimonda	
Eile Edit <u>Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	1
🗢 Back 🔹 🤿 🗸 🔯 🖓 Search 🕋 Favorites 🎯 Media 🧭 🛃 😅 🚍 🚧 🏭 🏀	
Address 🙆 https://szvsx019:1159/em/console/database/config	Links »
Grid Control C	<u>elp</u> L_▲ Repo
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets	
	ĸ
Database Instance Configuration Result	
<b>ora10s:</b> Properties for instance <b>ora10s</b> have been updated.	
	ĸ
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout	
Copyright © 1996, 2005, 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 About Oracle Enterprise Manager	r resp
j@ j 📙 📴 Local intranet	

# →07.OEM Grid Control→Targets→databases→ora10%

🚰 Oracle Enterprise Manager (SYSMAN) - Databases - Qirxionda	<u>- 0 ×</u>			
Eile Edit View Favorites Iools Help				
💠 Back 🔹 🔿 🗸 🙆 🚮 🔞 Search 📾 Fevorites 🛞 Media 🧭 🖏 🚽 🎒 🖬 📃 💔 🚉 🎰				
Address 🕘 https://szvsx019:1159/em/console/targets\$ctxType=Databases				
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets				
Databases				
Page Refreshed May 10, 2007 12:26:37 PM	B			
Search Ora10% Go, Advanced Search				
(Remove) Configure) (Add)				
Policy Compliance         Sessions: Sessions: Sessions: Insta           Select Name △         Type         Status Alerts Violations         Score (%) Version         CPU         I/O         Other         CPU	nce (%)			
Image: Construct of the state of the sta				
O         ora10g         Database Instance: Primary         O         E         Z         3         2         95         10.2.0.1.0         .1         .01         O         2	.38			
O     Ora10s     Database Instance:     O     Q     2     0     0     10.2.0.1.0				
TIP For an explanation of the icons and symbols used in this page, see the Icon Key				
A state of the				

## **→**08.Add the standby database instance into the data guard group

10g OEM Grid control  $\rightarrow$  Targets  $\rightarrow$  Databases  $\rightarrow$  ora10g

databases instance:ora10g $\rightarrow$ Maintenance $\rightarrow$ Data Guard $\rightarrow$ Setup and Manage

Oracle Enterprise Manager (SYSMAN) - Datal	base Instance: ora10g - Qimonda	_ 🗆
le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
• Back 🔹 🔿 👻 😰 🚮 🛛 🧟 Search 🛛 😹 F	Favorites 🛞 Media 🧭 🛃 🍰 🖾 📃 💔 📖 🕍	
dress 🥘 https://szvsx019:1159/em/console/datab	base/instance/sitemap?event=doLoad⌖=ora10g&type=oracle_da	atabase&p 🔽 🤗 Go 🛛 Links
		Logged in As SYS
atabase Instance: ora10g		
<u>Home Performance Administrat</u>	tion Maintenance	
e Administration tab displays links that all acle database. The Maintenance tab displa acle databases.	low you to administer database objects and initiate database ays links that provide functions that control the flow of data	e operations inside an between or outside
High Availability		
Backup/Recovery	Backup/Recovery Settings Pata Guard	
Schedule Backup	Backup Settings Setup and Mar	<u>nage</u>
<u>Henorm Recovery</u> Manage Current Backups	Recovery Catalog Settings	
Manage Restore Points	<u></u>	
<u>Backup Reports</u>		
Data Movement		
		🔤 Local intrapet
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Iools Help 3ack - → - ② ② △ △ ◎ Search  F	Guard - Qimonda Favorites 🛞 Media 🧭 🛃 🎒 🖬 🗐 🎌 🚉 🏠	
D <b>racle Enterprise Manager (SYSMAN) - Data</b> : Edit View F <u>a</u> vorites Tools Help Back ▼ → ▼ ② ② △ △ ○ Search  F ress  https://szvsx019:1159/em/console/datab	Guard - Qimonda Favorites 《 Media 《 La Par J Media 《 La Participation ( Media ) Participation ( Media) ( Media	 pracle_dat ▼ (∂Go Link
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Iools Help Back → → → ② ② △ ◎ Search  F ress  https://szvsx019:1159/em/console/datab	Guard - Qimonda Favorites @Media 🞯 🗟 - Ə 🖻 🗐 १९० 🚉 😥 base/dataguard?redirect=true&event=doLoad⌖=ora10g&type=c	oracle_dat <mark>▼</mark> ∂Go Link
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Tools Help Back - → - ② ② △ ◎ △ ○ Search  F ress ③ https://szvsx019:1159/em/console/datab tabase Instance: ora10g > ata Guard	Guard - Qimonda Favorites @Media 🎯 🗟 → 🎒 🗃 📄 💖 🚉 🕍 base/dataguard?redirect=true&event=doLoad⌖=ora10g&type=d	oracle_dat ▼ ∂Go Link Logged in As SYS
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Tools Help Back - → - ② ② △ ◎ △ ○ Search  F ess ③ https://szvsx019:1159/em/console/datab tabase Instance: ora10g > ata Guard ge Refreshed May 10, 2007 12:03:35 PM	Guard - Qimonda Favorites Media I III IIII IIIIIIIIIIIIIIIIIIIIIIIII	oracle_dat ▼ ∂Go Link Logged in As SYS
Iracle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       →       (2)       (2)       (2)       (2)         Back       →       →       (2)       (2)       (2)       (2)       (2)       (2)         Back       →       →       (2)       (2)       (2)       (2)       (2)       (2)         Back       →       →       (2)	Guard - Qimonda         Favorites       Image: Amage: A	ual Refresh    €
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       → <ul> <li>Image: Colspan="2"&gt;Colspan="2"&gt;Help</li> <li>Back</li> <li>Image: Colspan="2"&gt;→</li> <li>Image: Colspan="2"&gt;Output</li> <li>Image: Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Help</li> <li>Image: Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Help         Back       →       →       Image: Colspan="2"&gt;Image: Colspan="2"&gt;Colspan="2"         Back       →       →       Image: Colspan="2"&gt;Colspan="2"       Image: Colspan="2"&gt;Colspan="2"       Image: Colspan="2"       Image: Colspa</li></ul>	Guard - Qimonda         Favorites       Media       Image: Content of the second	oracle_dat ▼ ∂Go Link Logged in As SYS ual Refresh ▼ €
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Tools Help Back • → • ② ② △ ◎ Search 🐋 F ess ⓐ https://szvsx019:1159/em/console/datat tabase Instance: ora10g > ata Guard nge Refreshed May 10, 2007 12:03:35 PN Overview Data Guard Status	Guard - Qimonda         Favorites       Media       Image: Content of the second	oracle_dat ▼ ເ∂Go Link Logged in As SYS ual Refresh ▼ €
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Tools Help back  → →	Guard - Qimonda         Favorites       Media       Image: Content of the system	oracle_dat ▼ ∂Go Link Logged in As SYS ual Refresh ▼ € pdate and the standby last imary last update and the
racle Enterprise Manager (SYSMAN) - Data Edit View Favorites Tools Help Back  → →  ② ② ② △ ② Search  F F ess ③ https://szvsx019:1159/em/console/datate tabase Instance: ora10g > ata Guard ge Refreshed May 10, 2007 12:03:35 PN Overview Data Guard Status Protection Mode Fast-Start Disabled	Guard - Qimonda         Favorites       Media       Image: Content of the second	oracle_dat ▼ 🖓 Go Link Logged in As SYS ual Refresh ▼ 💽
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       → <ul> <li>Image: Search</li> <li>Image: Search<!--</td--><td>Guard - Qimonda         Favorites       Media       Solar       Mail       Mail<!--</td--><td>oracle_dat ▼ ∂Go Link Logged in As SYS ual Refresh ▼ €</td></td></li></ul>	Guard - Qimonda         Favorites       Media       Solar       Mail       Mail </td <td>oracle_dat ▼ ∂Go Link Logged in As SYS ual Refresh ▼ €</td>	oracle_dat ▼ ∂Go Link Logged in As SYS ual Refresh ▼ €
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       →       (a)       (a)       Search       (a)       F         Back       →       →       (a)       (a)       Search       (a)       F         Back       →       (a)       (a)       (a)       Search       (a)       F         Back       →       (a)       (a)       (a)       (a)       (a)       (a)         Itabase Instance: orallog       >       (a)       (a)       (a)       (a)       (a)         tabase Instance: orallog       >       (a)       (a)       (a)       (a)       (a)         tabase Instance: orallog       >       (a)       (a)       (a)       (a)       (a)         tabase Instance: orallog       >       (a)       (a)       (a)       (a)       (a)         tabase Instance: orallog       >       (a)       (	Guard - Qimonda         Favorites       Media       Solar       Mail       Mail </td <td>Dracle_dat ▼ 🖓 Go Link Logged in As SYS ual Refresh ▼ 💽</td>	Dracle_dat ▼ 🖓 Go Link Logged in As SYS ual Refresh ▼ 💽
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       → <ul> <li>Image: Search</li> <li>Image: Search<td>Guard - Qimonda         Favorites       Media       Solar       Mark       Mark<!--</td--><td>oracle_dat ▼ 🖉 Go Link Logged in As SYS ual Refresh ▼ 💽 update and the standby last imary last update and the Transport Lag ■ Apply Lag</td></td></li></ul>	Guard - Qimonda         Favorites       Media       Solar       Mark       Mark </td <td>oracle_dat ▼ 🖉 Go Link Logged in As SYS ual Refresh ▼ 💽 update and the standby last imary last update and the Transport Lag ■ Apply Lag</td>	oracle_dat ▼ 🖉 Go Link Logged in As SYS ual Refresh ▼ 💽 update and the standby last imary last update and the Transport Lag ■ Apply Lag
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       →       (2)       (2)       (2)       (2)         States       Instance: orallog       >       (3)       (4)       (4)         tabase Instance: orallog       >       (3)       (4)       (4)         tabase Instance: orallog       >       (4)       (4)         tabase Instance: orallog       >       (4)       (4)         tabase Instance: orallog       >       (4)       (4)         ata Guard       ✓       Normal       (4)       (4)         Overview       Data Guard       ✓       Normal       (4)         Protection       Maximum Performance       (4)       (4)         Failover       Disabled       (4)       (4)         Primary Database       Name       (5)       (5)       (5)	Guard - Qimonda         Favorites       Media       Image: Colspan="2">Image: Colspan="2">Image: Colspan="2" Image:	Dracle_dat ▼ Co Link Logged in As SYS ual Refresh ▼ ES
Tracle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       → <ul> <li>Image: Search</li> <li>Image: Search&lt;</li></ul>	Guard - Qimonda         Favorites       Media       Image: Colspan="2">Image: Colspan="2" Image:	oracle_dat ▼ Co Link Logged in As SYS ual Refresh ▼ E pdate and the standby last imary last update and the Transport Lag Apply Lag
racle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       →       (2)       (2)       (2)       Search       (2)       F         Fess       (2)       (2)       (2)       (2)       (2)       (2)       (2)         tabase Instance: ora10g       >       (3)       (2)       (3)       (4)       (2)         tabase Instance: ora10g       >       (3)       (4)       (3)       (4)       (4)         tabase Instance: ora10g       >       (4)       (4)       (4)       (4)       (4)         tabase Instance: ora10g       >       (4)       (4)       (4)       (4)       (4)         tabase Instance: ora10g       >       (4)       (4)       (4)       (4)       (4)         tabase Instance: ora10g        Maximum Performance       (4)	Guard - Qimonda         Favorites       Image: Media       Image: Ima	Dracle_dat ▼ 🖓 Go Link Logged in As SYS ual Refresh ▼ 💽 update and the standby last imary last update and the 
Tracle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back       →       →	Guard - Qimonda         Favorites       Media       Image: Content of the system	oracle_dat ▼ Co Link Logged in As SYS ual Refresh ▼ E pdate and the standby last imary last update and the Transport Lag Apply Lag
Iracle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back • → • ②       ②       ③       Search       Image F         ress       Image https://szvsx019:1159/em/console/datat         itabase Instance: ora10g       >         ata Guard       >         itabase Instance: ora10g       >         ata Guard       >         ope Refreshed May 10, 2007 12:03:35 PM         Overview       >         Data Guard          Status       Protection         Mode       Fast-Start         Failover       Disabled         Primary Database          Name       ora10g         Host       SZVSX017         Data Guard          Status       Current Log         Properties       Edit	Guard - Qimonda         Favorites       Media       Image: Content of the system	Dracle_dat ▼ 🖉 Go Link Logged in As SYS ual Refresh ▼ 💽 💽 update and the standby last imary last update and the mary last update and the Apply Lag
Iracle Enterprise Manager (SYSMAN) - Data         Edit       View       Favorites       Tools       Help         Back • → • ②       ②       ③       Search       Image: Factor	Guard - Qimonda         Favorites Image: Media Image:	oracle_dat ▼ Co Link Logged in As SYS ual Refresh ▼ E update and the standby last imary last update and the Transport Lag Apply Lag
Dracle Enterprise Manager (SYSMAN) - Data         a Edit View Favorites Tools Help         Back • → • ② ③ ④ △ ③ Search ④ F         itress ④ https://szvsx019:1159/em/console/datat         atabase Instance: ora10g >         atabase Instance: ora10g >         ata Guard         age Refreshed May 10, 2007 12:03:35 PN         Overview         Data Guard       < Normal	Guard - Qimonda         Favorites       Media       Image: Control of the second	Dracle_dat ▼ CGo Link Logged in As SYS ual Refresh ▼ ES update and the standby last imary last update and the mary last update and the Apply Lag

Select Name Host Role Time Status Log Log Physical Standby <u>27</u> <u>27</u>  $\odot$ ora10d SZVSX017 <u>Normal</u> O seconds ┛ 🔒 選 Local intranet ۲

▼

⊾

🚰 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimono	
Eile Edit View Favorites Iools Help	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100
🗢 Back 🔹 🔿 🚽 🔯 🖓 🔯 🐼 Back 😨 Favorites 🛞 Media 🎲 🖣	à• ∌ ⊠ 🖹 🎌 🛍 🏠
Address 🚳 https://szvsx019:1159/em/console/database/dataguard/create?target=	ora10g&type=oracle_database 💽 🔗 Go Links »
Thors I paranases I Whitemon pervers I wen Whitemons I o	ennees I aliserius I anante I wii randers
Database Instance: ora10g > Data Guard >	
Add Standby Database	
	Cancel (Continue)
This wizard adds an additional standby database to your existing	① Standby Database Types
Data Guard configuration. Select how to add the standby	Physical standby database characteristics:
<ul> <li>database.</li> <li>Create a new physical standby database A physical standby database is maintained as an exact copy of the primary database.</li> <li>Create a new logical standby database A logical standby database duplicates the data from the primary database at the SQL level.</li> <li>Manage an existing standby database with Data Guard broker The existing standby database must be fully configured to function as a standby database for the primary database.</li> <li>Create a primary database backup only Instead of creating a standby database, this option creates a primary database backup that can be used for a future standby database creation.</li> </ul>	<ul> <li>Physically identical to the primary database</li> <li>Mounted (not open) when in recovery mode</li> <li>Can be opened read only</li> <li>Supports all datatypes and DDL</li> <li>Logical standby database characteristics:</li> <li>Not physically identical to primary database</li> <li>Open read/write when in recovery mode</li> <li>Can be used for data protection and reporting</li> <li>Does not support some datatypes, some DDL</li> </ul>
E Done	🔰 📋 📴 Local intranet

🖉 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimonda
Ele Edit View Favorites Tools Help
4-Back - → - 🙆 🗿 🚮 🥘 Search 📷 Favorites 🧐 Media 🧭 🛃 - 🎒 📰 📄 👎 🚉 🏠
Address 🙆 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g&type=oracle_database 🔹 🔗 Go 🛛 Links 🎽
ORACLE Enterprise Manager 10g Alerts Preferences Heb Alerts Policies Jobs Rep
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Select Existing Standby Database Configuration Review
Add Standby Database: Select Existing Standby Database
(Cancel) Step 1 of 3 Next)
Select an existing standby database to be managed by Data Guard broker. The database you choose must have been created from the primary database and must be configured to function as a standby database.
Only databases that match the version (10.2.0.1.0) and operating system (HP-UX) of the primary database are listed in the table.
Select Database Host
📀 ora10s szvsx017
(Cancel) Step 1 of R Next)
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout
Copyright @ 1996, 2005, 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 res
🕙 Done 🕒 🚰 🔂 Local intranet 🥢

🚰 Oracle Enterprise Manager (SYSMAN) - Add Standby Database - Qimonda 📃 📕	JN
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	1
🗘 Back 🔹 🤿 🗸 🔯 🖓 Search 👔 Favorites 🛞 Media 🧭 🖏 🚽 🎒 🗐 🙌 🚉 🏠	
Address 🙆 https://szvsx019:1159/em/console/database/dataguard/create?target=ora10g&type=oracle_database 🔽 🔗 Go 🛛 Lin	ıks »
Grid Control	2 ep
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets	
Select Existing Standby Database Configuration Review	
Add Standby Database: Configuration	
Cancel Back Step 2 of 3 Next Optionally change the following standby database parameters.	
* Standby Archive Location USE_DB_RECOVERY_FILE_DEST	
A flash recovery area is currently being used for archived redo log files.	
Cancel Back Step 2 of Rext	)
Home   Targets   Deployments   Alerts   Policies   Jobs   Reports   Setup   Preferences   Help   Logout	
Copyright © 1996, 2005, 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 r <u>About Oracle Enterprise Manager</u>	es
🔊	

🚰 Oracle Enterprise Manager (SYSMAN) - Ad	d Standby Database - Qimonda 📃 🗌 🗙
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	
🗢 Back 🔹 🔿 🤟 🙆 🕼 🧔 Search 🔒	🛛 Favorites 🛞 Media 🎲 🛃 🍜 🖅 🚍 柳 🚉 🏡
Address 🕘 https://szvsx019:1159/em/console/da	tabase/dataguard/create?target=ora10g&type=oracle_database 💽 🎅 Go Links »
Grid Control	Setup Preferences Help Home Targets Deployments Alerts Policies Jobs Rep
Hosts   Databases   Application Serve	ers   Web Applications   Services   Systems   Groups   All Targets
Select E	Existing Standby Database Configuration Review
Add Standby Database: Review	(Consol) (Dock) Oten 2 of 2 (Finish)
Standby database <b>ora10s</b> will be added to	the Data Guard configuration
,, _,, _	
Primary Database	Standby Database
Target Name ога10g Host SZVSX017	Target Name ora10s Host SZVSX017 Instance Name ora10s Oracle Home /opt/oracle/product/10g Standby Type Physical Standby Standby Archive Location USE_DB_RECOVERY_FILE_DEST
Home   Taraets   Deployments	Alerts I Policies I Jobs I Reports I Setup I Preferences I Help I Logoot
<b>é</b>	📄 🗎 🔀 Local intranet 🥢

🖉 Oracle Enterprise Mar	nager (SYSMAN) - Process	sing: Add Standby	' Database - Qimonda			
<u>File E</u> dit <u>V</u> iew F <u>a</u> vor	rites <u>T</u> ools <u>H</u> elp					
🗢 Back 🔹 🤿 🖉 🔮	) 🚮 🔕 Search 🛛 🙀 Fa	vorites 🎯 Media	3 B- 4 I.	🗐 💔 🎎 🕵		
Address 🙆 https://szvsx0	)19:1159/em/console/databas	e/dataguard/create	?target=ora10g&type=c	pracle_database	<b>▼</b> 🔗 Go	Links »
ORACLE Enterp	rise Manager 10g		ma Targeta Da		Setup Preferences	
Hosts   Databases	s I Application Servers	UVeh Applicatio	ine Targets De	stems   Groups	All Targets	Кер
					1.1.1.1.1.9000	
🕀 Processing: A	dd Standby Datab	ase	<b>6</b> 4			
The standby databas	se will be added to the	Data Guard co	nfiguration.			
After the process is co	omplete, you will be retur	ned to the Data I	Guard overview page.			
	=					
		► Undating Data	Guard configuration			
		Updating stan	dby database target			
TIP This process ca	annot be cancelled. It wil	I continue even if	the browser window	is closed.		
· · · · · · · · · · · · · · · · · · ·						
<u>Home</u>   <u>Targe</u>	ts   Deployments   Ale	erts   Policies	Jobs   Reports   S	<u>Setup</u>   <u>Preferenc</u>	<u>ces   Help   Logout</u>	
Copyright © 1996, 2005, O Oracle, JD Edwards, Peop	racle. All rights reserved. leSoft, and Retek are register.	ed trademarks of Or	acle Corporation and/or i	ts affiliates. Other na	mes may be trademarks of	their res
About Oracle Enterpris	<u>se Manager</u>					
1						▼
E Done					🔒 📴 Local intranet	
🖉 Oracle Enterprise Man	ager (SYSMAN) - Data Gua	ard - Oimonda				
File Edit View Favori	ites Tools Help					
(+= Back + → + 🙆 🕅	 ] 🖓 🔯 Search 🖓 Favo	rites (@Media (	3 B- <i></i> I	oyo 📖 🎰		
Address Chttps://szvsx0:	19:1159/em/console/database	/dataguard?redirect=	=true&event=doLoad&tar	get=ora10g&type=or	racle_database 🔻 🔗 Go	) Links »
Database Instance: ora1	10g >				Logged in As	SYS 🔺
Data Guard						
Page Refreshed May	10, 2007 12:31:18 PM G	MT+08:00	View	/ Data Real Time:	: Manual Refresh 📃 💌	B
0		Charles alless				
Data Guard		The transpo	Progress Summa rt lag is the time difference	i <b>ry</b> e between the primary	v last update and the standk	v last
Status	🗸 Normal	received rec	to. The apply lag is the tim	e difference betweer	the primary last update and	the
Protection Mode	<u>Maximum Performance</u>	stanuby last	applica read.			
Fast-Start	Disabled	12				
Failover		<b>spi</b> 8				nelt
Primary Databas	ie	6 ·····			Apply Lag	j j
Name Host	<u>ora10g</u> S7VSV017	4		4		
Data Guard	V Normal	2	ora10d	ora10s		
Status Current Log	31					
Properties	<u>Edit</u>					
Standby Databa	ses					
					Add Standby Datab	ase)
Edit Remove	Switchover Failover					
Select Name Hos	t Status	Bale	Last Received	Last Applied	Estimated Failover Time	
	/SX017 Vormal	Physical	30	30	O seconds	
		Standby				
ora10s SZV	<u>SXU17</u> <hr/> Normal	Standhy	30	<u>3U</u>	8 seconds	-
					A 📇 Local interact	
<b>E</b>						

	onda
Eile Edit View Favorites Tools Help	
Address https://szvsx019:1159/em/console/database/dataguard	d?redirect=true&event=dol oad⌖=ora10g&type=oracle_database
Hosts   Databases   Application Servers   Web App	plications   Services   Systems   Groups   All Targets
Database Instance: ora10g >	Logged in As SYS
Data Guard	
Page Refreshed May 10, 2007 5:22:30 PM GMT+08:00	D View Data Real Time: Manual Refresh 💌 🖹
Overview         Data Guard       ✓ Normal         Status       Protection         Mode       Maximum Performance         Fast-Start       Disabled         Failover       Disabled         Primary Database       Name         Name       ora10g         Host       SZVSX017         Data Guard       ✓ Normal         Current Log       31         Properties       Edit         Standby Databases       Edit	Standby Progress Summary The transport lag is the time difference between the primary last update and the standby last exceived redo. The apply lag is the time difference between the primary last update and the standby last standby last applied redo.
Select Name Host Data Guard Status Role	Last Received Log Last Applied Log Estimated Failover Time
ora10d SZ√SX017  ✓ Normal Physic	ical Standby <u>30</u> 0 seconds
C ora10s SZ√SX017 ✓ Normal Physic	ical Standby 30 30 8 seconds
Performance Performance Overview Log File Details	Additional Administration Verify Configuration Remove Data Guard Configuration
	🔰 📋 📴 Local intranet 🖉
🖉 Oracle Enternrice Manager (SYGMAN) - Drocessing: Verify	A - Dimonda
Oracle Enterprise Manager (SYSMAN) - Processing: Verify      File Edit View Eavorites Tools Help	r - Qimonda
Oracle Enterprise Manager (SYSMAN) - Processing: Verify     Eile Edit View Favorites Iools Help     Generation Favorites Iools Help	r - Qimonda□×
Oracle Enterprise Manager (SYSMAN) - Processing: Verify     Eile Edit View Favorites Iools Help     ⊕ Back • → • ③ ② ③ △ ◎ Search  Favorites ③     Address  https://szvsx019:1159/em/console/database/dataguard	✓ - Qimonda          ✓ - Qimonda       _ □ ×         ✓ - Qimonda       _ □ ×         ✓ Media       ④ ⊡ ♥ ※
Oracle Enterprise Manager (SYSMAN) - Processing: Verify     Eile Edit View Favorites Iools Help     ⊕ Back • → • ② ③ △ ◎ ③ △ ◎ Search 중 Favorites ③     Address ③ https://szvsx019:1159/em/console/database/dataguard     ORACL E Enterprise Manager 10 <i>a</i>	✓ Qimonda ✓ Qimonda ✓ Media ③ E · ④ ◎ ● · ○ ▲ € Øredirect=true&event=verify⌖=ora10g&type=oracle_database ✓ Co Links » Setup Preferences Help Logout
Oracle Enterprise Manager (SYSMAN) - Processing: Verify File Edit View Favorites Tools Help Fack • = • ② ② ③ △ ③ Search Favorites ③ Address ④ https://szvsx019:1159/em/console/database/dataguard ORACLE: Enterprise Manager 10g Grid Control Hosts Databases Application Servers Web App	Cocal intranet      C
Oracle Enterprise Manager (SYSMAN) - Processing: Verify Eile Edit View Favorites Tools Help Back • • • • ② ② ③ ④ ③ Search ③ Favorites ③ Address ③ https://szvsx019:1159/em/console/database/dataguard ORACLE Enterprise Manager 10g Grid Control Hosts   Databases   Application Servers   Web App	Alerts Policies Jobs Reports     Plications   Services   Systems   Groups   All Targets     Logged in As SYS
Oracle Enterprise Manager (SYSMAN) - Processing: Verify     Eile Edit View Favorites Iools Help     ⊕ Back      →      ② ③ △ ◎ Search ▲ Favorites ③     Address ▲ https://szvsx019:1159/em/console/database/dataguard     ORACLE: Enterprise Manager 10g     Grid Control     Hosts   Databases   Application Servers   Web App     ⊕ Processing: Verify	A - Qimonda     A - Qimo
Oracle Enterprise Manager (SYSMAN) - Processing: Verify Eile Edit View Favorites Tools Help Back • • • • • • • • • • • • • • • • • • •	A lefts Policies Jobs Reports     Preferences Help Locaut     Alerts Policies Jobs Reports     plications   Services   Systems   Groups   All Targets     Logged in As SYS
Oracle Enterprise Manager (SYSMAN) - Processing: Verify Eile Edit View Favorites Tools Help Back • → • ② ② ③ △ ③ ③ Search ③ Favorites ③ Address ③ https://szvsx019:1159/em/console/database/dataguard ORACLE® Enterprise Manager 10g Grid Control Hosts   Databases   Application Servers   Web App ③ Processing: Verify Verify checks various standby database settings. The results of the verify will be shown upon completion. Yeile	▲ Local intranet A Qimonda Media  A Qimonda <
Image:       Oracle Enterprise Manager (SYSMAN) - Processing: Verify         Eile       Edit       View       Favorites       Lools       Help         Image:       Image:       Image:       Image:       Image:       Image:         Address       Image:       Image:       Image:       Image:       Image:       Image:         Address       Image:       I	Interview of the second status secking properties erifying log switch axing detailed results
<ul> <li>Cracle Enterprise Manager (SYSMAN) - Processing: Verify</li> <li>Eile Edit View Favorites Iools Help</li> <li>         → Back          →          →          <ul> <li>Address</li> <li>https://szvsx019:1159/em/console/database/dataguard</li> </ul> </li> <li>ORACLE: Enterprise Manager 10g         <ul> <li>Grid Control</li> <li>Hosts   Databases   Application Servers   Web App</li> <li></li></ul></li></ul>	Cancel
Image:       Oracle Enterprise Manager (SYSMAN) - Processing: Verify         Eile       Edit       View       Favorites       Loois       Help         Image:       Back       Image:       Image: <td< td=""><td>Cancel     Cancel     Cancel</td></td<>	Cancel
Image: State interprise Manager (SYSMAN) - Processing: Verify         Elle       Edit       View       Favorites       Lools       Help         Image: Back       Image: Search       Image: Favorites       Image: Search       Image: Favorites       Image: Search         Address       Image: https://szvsx019:1159/em/console/database/dataguard       Image: Search       Image: Favorites       Image: Search         Address       Image: Enterprise Manager 10g       Image: Search       Image: Favorites       Image: Search         Image: Hosts       Databases       Application Servers       Web App         Image: Processing: Verify       Verify checks various standby database settings.         The results of the verify will be shown upon completion. Yee       Image: Im	Contract      Contrac

🚰 Oracle Enterprise Manager (SYSMAN) - Processing: Verify - Qimonda
Eile Edit View Favorites Tools Help
年 Back 🔻 🔿 🗸 🙆 🚮 🕺 Search 📾 Favorites 🎯 Media 🧭 🛃 🚽 🎒 📝 🗐 🕪
Address 🕘 https://szvsx019:1159/em/console/database/dataguard?target=ora10g&type=oracle_database 🔽 🔗 Links *
Setun Preferences Heln
ORACLE Enterprise Manager 10g
Grid Control Home Targets Deployments Alerts Policies Jobs Rep
Hosts   Databases   Application Servers   Web Applications   Services   Systems   Groups   All Targets
Leaved in As RVR
Eugged in As SYS
Varify completed avecantfully. Check the detailed results for more information
Verify completed successiony. Check the detailed results for more information.
Detailed Results
Checking Data Guard status
ora10d : Normal
ora10s : Normal
Checking Inconsistent Properties
Checking agent status
ora10g OK
ora10d OK
ora10s OK
Switching log file 30.Done
Checking applied log on ora10dOK
Checking applied log on ora10sOK
🕲 Done