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| Hostname : primary\_os  IP : 192.168.24.103  Db\_name : db1  Db\_unique\_name : primary | Hostname : standby\_os  IP : 192.168.24.118  Db\_name : dbstandby  Db\_unique\_name : standby |

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| Primary | Standby |
| 1. Archivelog Mode 2. Force Logging Standby 3. Add standby redo log   ***standby logfile group = Redo log group + 1***  ***size = size redo log group***  (Using OFM)  Sql > Alter database add standby logfile group 11 size 200M;  Sql > Alter database add standby logfile group 12 size 200M;  Sql > Alter database add standby logfile group 13 size 200M;  Sql > Alter database add standby logfile group 14 size 200M;   1. Sql > Alter system set standby\_file\_management=auto 2. Copy pfileprimary.ora, orapwdb1 🡺 | pfileprimary.ora :  \*.db\_unique\_name=’standby’  Edit name control\_file   * Add all path in pfileprimary.ora (OS level )   orapwdb1 |
| 1. Config listener.ora   LISTENER =  (DESCRIPTION\_LIST =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST = primary\_os)(PORT = 1521))  (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1521))  )  )  SID\_LIST\_LISTENER =  (SID\_LIST =  (SID\_DESC =  (ORACLE\_HOME = /u01/app/oracle/product/19.0.0/dbhome\_1)  (SID =db1)  )  )   1. Config tnsnames.ora   LISTENER =  (ADDRESS = (PROTOCOL = TCP)(HOST =primary\_os)(PORT = 1521))  primary =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST = primary\_os)(PORT = 1521))  (CONNECT\_DATA =  (SERVER = DEDICATED)  (SID = db1)  )  )  standby =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST = 192.168.24.118)(PORT = 1521))  (CONNECT\_DATA =  (SERVER = DEDICATED)  (SID = dbstandby)  )  ) | 1. Config listener.ora   LISTENER =  (DESCRIPTION\_LIST =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST = standby\_os)(PORT = 1521))  (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1521))  )  )  SID\_LIST\_LISTENER =  (SID\_LIST =  (SID\_DESC =  (ORACLE\_HOME = /u01/app/oracle/product/19.0.0/dbhome\_1)  (SID =dbstandby)  )  )   1. Config tnsnames.ora   LISTENER =  (ADDRESS = (PROTOCOL = TCP)(HOST =standby\_os)(PORT = 1521))  primary =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST =192.168.24.103)(PORT = 1521))  (CONNECT\_DATA =  (SERVER = DEDICATED)  (SID = db1)  )  )  standby =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP)(HOST =standby\_os)(PORT = 1521))  (CONNECT\_DATA =  (SERVER = DEDICATED)  (SID = dbstandby)  )  ) |
|  | 1. sql > ***starup nomount pfile***=’/home/oracle/ pfileprimary.ora’ 2. sql > create spfile from pfile=’/home/oracle/ pfileprimary.ora’ 3. oracle@standby > Cp ~/ orapwdb1 $ORACLE\_HOME/dbs/ orapwdbstandby 4. Create script duplicate.sql :   run {  duplicate target database for standby from active database dorecover nofilenamecheck;  } |
|  | oracle@standby : ***nohup rman*** target sys/admin@primary auxiliary sys/admin@standby cmdfile=/home/oracle/scripts/duplicate.sql log=/home/oracle/scripts/duplicate.log &;  sql > alter database open; |
| Sql > alter system set log\_archive\_config=’dg\_config=(primary,standby)’;  Sql > alter system set log\_archive\_dest\_2=’service=standby valid\_for=(online\_logfiles,primary\_roles) db\_unique\_name=standby’;  Sql > alter system set log\_archive\_dest\_state\_2=enable; |  |
|  | Sql > altter database recover managed standby database using current logfile disconnect from session;  Sql > select process, sequence#, thread#, status from v$managed\_standby;  MRP 🡪 applying\_log |