***Control file management***

Practical steps for controlfile multiplexing:

**How to display all control files?**

Sql>select name from v$controlfile;

***Steps for multiplexing the control files***

1. Shutdown the database server if it is up and running

**Sql>shut immediate;**

**Sql>host <host>**

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1. Open the parameter file which is located at $ORACLE\_HOME/dbs and add 2 new location in the controlfile parameter.

**$cd $ORACLE\_HOME/dbs**

**Dbs] $vi initprd.ora**

Control\_files=/home/prd/control1.ctl,

/home/prd/control2.ctl,

**/opt/control1.ctl**

**/opt/control2.ctl**

:wq

Note:-

Whatever we specify in the parameter file that must exist physically otherwise we cannot start an oracle instance in the open stage.

1. Copy the controlfile to the new location in OS level.

**Dbs] $cd /home/prd**

**Prd]$cp \*.ctl /opt**

1. Start on oracle instance in open stage

**Prd] $sqlplus ‘/as sysdba’**

**Sql> startup;**

1. Check the control file

**Sql>select name from v$controlfile;**

Output:-

/home/prd/control1.ctl

/home/prd/control2.ctl

**/opt/control1.ctl**

**/opt/control2.ctl**

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***2.How to perform restore recovery when we loose original control files?***

Go to /home/prd folder and delete original control files.

**#su – oracle**

**$cd /home/prd**

**Prd]$rm \*.ctl**

**Prd]$sqlplus ‘/as sysdba’**

**Sql>shut abort;**

**Sql>startup;**

It will throw an error because then no.of control files in the parameter file is not matched with physical files.

**Step1**: Shutdown the databse server

**Sql>shut abort;**

**Sql>host <enter>**

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**Step2:** Go to /opt folder and copy backup control file into the original location i.e /home/prd

**$cd /opt**

**Opt)$cp \*.ctl /home/prd**

**Step3**: Start an oracle instance in the open stage

**Opt)$sqlplus ‘/as sysdba’**

**Sql>startup;**

**Step4:** Check the control file

**Sql> select name from v$controlfile;**

Output:

/home/prd/control.ctl

/home/prd/control2.ctl

/opt/control1.ctl

/opt/control2.ctl

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