

# Duplicate database with RMAN

## Using Enterprise Manager to duplicate databases with RMAN

```
Kennwortdatei wurde erfolgreich erstellt
Instanzname erfolgreich in oratab hinzugefügt.
Server Parameter File erfolgreich erstellt
Konfiguration abgeschlossen.

Recovery Manager: Release 11.2.0.4.0 - Production on Sun Sep 7 16:00:55 2014

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RMAN>
connected to target database: PCERA (DBID=2671027734)
using target database control file instead of recovery catalog

RMAN>
connected to auxiliary database: CERAUTF8 (not mounted)

RMAN>
echo set on

RMAN> run {
2> allocate auxiliary channel oem_restore_disk_0 type disk;
3> allocate auxiliary channel oem_restore_disk_1 type disk;
4> allocate auxiliary channel oem_restore_disk_2 type disk;
5> allocate auxiliary channel oem_restore_disk_3 type disk;
6> duplicate target database to 'cerautf8';
7> }
allocated channel: oem_restore_disk_0
channel oem_restore_disk_0: SID=156 device type=DISK

allocated channel: oem_restore_disk_1
channel oem_restore_disk_1: SID=310 device type=DISK

allocated channel: oem_restore_disk_2
channel oem_restore_disk_2: SID=463 device type=DISK

allocated channel: oem_restore_disk_3
channel oem_restore_disk_3: SID=616 device type=DISK

Starting Duplicate Db at 07-SEP-14

contents of Memory Script:
{
  sql clone "alter system set control_files =
'+DATA/cerautf8/controlfile/current.497.857664061', '+RECO/cerautf8/controlfile/current.485.857664061'"
comment=
'Set by RMAN' scope=spfile";
  sql clone "alter system set db_name =
'PCERA' comment=
'Modified by RMAN duplicate' scope=spfile";
  sql clone "alter system set db_unique_name =
'CERAUTF8' comment=
'Modified by RMAN duplicate' scope=spfile";
  shutdown clone immediate;
  startup clone force nomount
  restore clone primary controlfile;
  alter clone database mount;
}
executing Memory Script

sql statement: alter system set control_files = '+DATA/cerautf8/controlfile/current.497.857664061',
'+RECO/cerautf8/controlfile/current.485.857664061' comment= 'Set by RMAN' scope=spfile

sql statement: alter system set db_name = 'PCERA' comment= 'Modified by RMAN duplicate' scope=spfile

sql statement: alter system set db_unique_name = 'CERAUTF8' comment= 'Modified by RMAN duplicate'
scope=spfile

Oracle instance shut down

Oracle instance started
```

Total System Global Area 4275781632 bytes

Fixed Size 2260088 bytes

Variable Size 805307272 bytes

Database Buffers 3422552064 bytes

Redo Buffers 45662208 bytes

allocated channel: oem\_restore\_disk\_0

channel oem\_restore\_disk\_0: SID=769 device type=DISK

allocated channel: oem\_restore\_disk\_1

channel oem\_restore\_disk\_1: SID=922 device type=DISK

allocated channel: oem\_restore\_disk\_2

channel oem\_restore\_disk\_2: SID=1072 device type=DISK

allocated channel: oem\_restore\_disk\_3

channel oem\_restore\_disk\_3: SID=4 device type=DISK

Starting restore at 07-SEP-14

channel oem\_restore\_disk\_0: starting datafile backup set restore

channel oem\_restore\_disk\_0: restoring control file

channel oem\_restore\_disk\_0: reading from backup piece +RECO/pcera/autobackup/2014\_09\_07/s\_857611484.491.857611485

channel oem\_restore\_disk\_0: piece handle=+RECO/pcera/autobackup/2014\_09\_07/s\_857611484.491.857611485 tag=TAG20140907T012444

channel oem\_restore\_disk\_0: restored backup piece 1

channel oem\_restore\_disk\_0: restore complete, elapsed time: 00:00:03

output file name=+DATA/cerautf8/controlfile/current.497.857664061

output file name=+RECO/cerautf8/controlfile/current.485.857664061

Finished restore at 07-SEP-14

database mounted

contents of Memory Script:

```
{
  set until scn 28491428539;
  set newname for clone datafile 1 to new;
  ...
  set newname for clone datafile 296 to new;
  restore
  clone database
  ;
}
```

executing Memory Script

executing command: SET until clause

executing command: SET NEWNAME

Starting restore at 07-SEP-14

channel oem\_restore\_disk\_0: starting datafile backup set restore

...