
Oracle cold backup preparation

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 18.01
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Description:

We are planning to do the oracle cold backup tomorrow(11/4/2009) around 4:00pm on production system. One purpose for this backup is free some disk space. I want make sure the steps that we are going to take is correct:

1. Make sure we have enough space for the cold backup.

```
>>df -k
```

```
Filesystem 1K-blocks Used Available Use% Mounted on
/dev/sdc1 640951500 569960756 38432212 94% /exlibris
/dev/sdd1 640951500 99331300 509061668 17% /exlibris1
/dev/sde1 640951500 33254192 575138776 6% /exlibris2
```

Do you think we have enough disk space on /exlibris?

2. shutdown the oracle: util/o/1/2

3. shutdown aleph:

```
cd /exlibris/aleph/u18_1/alephe
aleph_shutdown
```

4. Our system Admin will perform the backup process. It may take 4 hours.

5. After the cold backup is done. restart the aleph and oracle (aleph_startup, util/o/1/1)

6. Delete the old arch files in /exlibris/oradata/aleph1/arch:

examples:

```
>>ls -lrt /exlibris/oradata/aleph1/arch|more
total 289616456
-rw-r----- 1 oracle dba 120320 Nov 19 2007 arch_aleph1_1_1_639049151.dbf
-rw-r----- 1 oracle dba 43193856 Nov 19 2007 arch_aleph1_1_2_639049151.dbf
-rw-r----- 1 oracle dba 43193344 Nov 19 2007 arch_aleph1_1_3_639049151.dbf
-rw-r----- 1 oracle dba 43193856 Nov 19 2007 arch_aleph1_1_4_639049151.dbf
-rw-r----- 1 oracle dba 43193856 Nov 19 2007 arch_aleph1_1_5_639049151.dbf
..... up to today's date files.
```

command :

```
su - oracle
```

```
ORACLE>> cd /exlibris/oradata/aleph1/arch
```

```
ORACLE>> rm arch_aleph1_1_1_639049151.dbf
```

Please let us know if this correct or not.

Resolution:

The oradata which you are backing up is on /exlibris , so you do **not** want to write the backup files to /exlibris. (If the disk fails you will lose the /oradata **and** the backup.) You need to write the backup to /exlibris1, /exlibris2, or to tape.

In doing a cold backup, no files are created on the disk you are backing up from. (When you do a hot backup, some files are generated on the disk you are backing up from.)

aleph needs to be stopped before oracle and started after Oracle. Thus, the steps should be:

2. shutdown aleph:

```
cd /exlibris/aleph/u18_1/alephe
```

```
aleph_shutdown
```

3. shutdown the oracle: util/o/1/2

4. ...

5. After the cold backup is done, restart the oracle and aleph (util/o/1/1, aleph_startup)

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