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## oradata filesystem almost full; RMAN

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 20
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### Problem Symptoms:

The space usage for /exlibris1 partition, holding only oradata, is at 96%. Note: This is under RMAN.

### Cause:

RMAN settings needed adjustment.

### Resolution:

- 1) Change the Redundancy value in RMAN from 1 to 3. This will allow a 3-backup rotation schedule. (A value of 1 indicates no rotation at all.)
- 2) Change the Archive Log Deletion value from <default> to 30, which will retain only the last 30 days of Archives, supporting the 3-backup rotation schedule (and assuming a weekly cold backup).
- 3) Manually delete Archive Logs older than 45 days. (In this case, reducing the Use% value of the /exlibris1 file system from 97% to 21%.) (Do this deletion only under these special procedures. Normally, if RMAN is being used, you should never remove Archive Logs manually, yourself.)
- 4) Run CROSSCHECK in RMAN to re-synchronize it with the manual deletion of old Archives (performed in the preceding step 3).
- 5) Restart Oracle to make the RMAN changes take effect. (The next cold backup will do this automatically.)

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## Additional Information

This should be handled by the Oracle database administrator.

**Category:** Oracle (500)

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