
Turning Oracle archive logging off for p_manage_01

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
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Description:

We have 1.5 million bib records. We are planning to run p_manage_01. Should we turn Oracle archive logging off when we do this?

Resolution:

There are two reasons you might want to turn archiving off in running manage-01 (or manage-02):

1. Disk space -- there have been problems with the /arch directory filling up the disk it resides on; see the following article in this regard: [Analyzing space problems due to excessive Oracle archive logs](#) . You should check how much space is available on the ./oradata/arch disk.
2. Time -- Running manage-01 on 1.5 million records used to take 12 - 20 hours. Turning archiving off while it was running could save 4-6 hours. But recently (in 2017), with modern disks, controllers, etc., sites have found manage-01 running much faster (in one case, 5 hours for 2 million bib records)

Running the job with archiving off requires a complete cold backup both before and after the job. Savings from turning archiving off depends on how long the cold backup takes.

Running the job with Oracle archiving off involves:

- Prepare p_manage_01 csh command to run from command line
- Shut down Aleph and Oracle
- Do complete cold Oracle backup
- Bring Oracle and Aleph back up
- Immediately do:
 - util w/2/1 to shut down all servers
 - util w/5 T 1 to Toggle System down
 - Do util o/7/2 (or native Oracle command) to turn Oracle archiving off
 - Enter p_manage_01 csh command prepared in first step
 - <p_manage_01 runs>
 - util w/5 T 2 to toggle www_server UP
 - util w/3/1 to start www_server
 - Do test OPAC Word searches to confirm Word indexing is OK
- Shut down Aleph and Oracle
- Do complete cold Oracle backup
- Bring Oracle and Aleph back up
- Do util o/7/1 (or native Oracle command) to turn Oracle archiving on

- Make sure that util w/5 shows the processes as Up and available

Additional Information

Oracle archive logging p_manage_01

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