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## Disk almost filled; cleaning up disk space

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 16.02
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### Description:

I've been noticing space in our /exlibris directory on our production server is increasing between 1-3% daily and is now at 94% capacity. I do not know what files I am able to delete in this directory to free up space. Is there a document anywhere that details what files I can clean up. Please advise

### Resolution:

[Note: This is multi-ADM site with about 50 ADM libraries.]

The "du -sk" command can be used to see where space is being used.

Of the 192 gig. used on /exlibris, 10% is on app; 6%, on oradata; and 77%, on aleph:

```
apollo-a16(1) >>cd /exlibris/app  
apollo-a16(1) >>du -sk  
20559832
```

app is \*not\* going to have delete-able files on it.

```
a16(1) >>cd ../oradata  
a16(1) >>du -sk  
12748530
```

oradata can sometimes include archive logs which are of no use after a complete backup is done and should be moved or deleted. (If you take a hot backup, then the archive logs that were generated during the backup are needed.) In this case, the archive logs are on a different disk (not /exlibris) and there is nothing in this oradata to be deleted.

```
a16(1) >>cd ../aleph  
a16(1) >>du -sk  
148598045 .  
a16(1) >>cd u16_1  
a16(1) >>du -sk  
82297626 <<-- 82 gig here
```

```
16(1) SYS01-ALEPH>>cd $LOGDIR  
16(1) SYS01-ALEPH>>rm pc_ser_6991.* <<-- this command deleted 5 gig of files.
```

This command " rm pc\_ser\_6991.\* " will delete the older pc\_ser\_6991 files while preserving the current.

Note: the pc\_ser\_6991 are \*not\* pc\_server\_6991.log. The latter is the log you would normally look at in diagnosing problems.

The pc\_ser would be used in running the "pc\_server view" and "pc\_server check" functions -- which are rarely used. You don't need more than the current pc\_ser log. You can turn off pc\_ser logging entirely by specifying "setenv

pc\_transactions\_log N" in pc\_server\_defaults.

Do util x/2 to delete \$data\_scratch files more than a year old in all libraries. (It asked me to take all the servers, etc., down, but since files more than a year old are \*not\* going to be in current use, I ignored this.)

This reduced the space used on /exlibris from 89% to 61%. \$data\_scratch files are, by definition, temporary files.

\*\*The people creating them should be cleaning them up.\*\* If they don't, you can periodically do this util x/2 for files older than 365 days

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## Additional Information

disk space

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- **Article last edited:** 10/8/2013