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## Is our disk space enough for reindexing?

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

We are preparing a global reindexation of Aleph for Thursday night and worry if current allocated disk space will be sufficient.

Here's the disk space available for Aleph (server ANAXAGORE):

```
Filesystem 1K-blocks Used Available Use% Mounted on
/dev/sda3 90709056 4792604 81308612 6% /
/dev/sda1 101086 12344 83523 13% /boot
none 8317608 0 8317608 0% /dev/shm
/dev/sda2 181113132 79515640 92397472 47% /exlibris
...:/primo_publishing
57685536 2430112 52325152 5% /primo_publishing
```

Here's the disk sapce available for Aleph Oracle Database (server PLINE):

```
$ df -k
Filesystem 1K-blocks Used Available Use% Mounted on
/dev/sda3 90709056 4587920 81513296 6% /
/dev/sda1 101086 14882 80985 16% /boot
none 8208184 0 8208184 0% /dev/shm
/dev/sda2 181113132 133462396 38450716 78% /exlibris
/dev/sdc1 247701680 128940008 106179164 55% /exlibris1
/dev/sdb1 39420684 2308692 35109492 7% /primo_indexing
...:/primo_publishing
57685536 2430112 52325152 5% /primo_publishing
...:/backup
83309888 68939328 10138656 88% /anaximandre_backup
/dev/sde1 287945376 71773132 201545468 27% /bkp_ora
```

Please note that 'achives' will stay 'on' during this process but these files reside on a separate mount point '/bkp\_ora' that has plenty of space.

### Resolution:

Unless you have made changes to the abc01 tab11\_word or tab11\_acc which will result in significantly larger Word or ACC indexes, reindexing should not result in an increase in the need for Oracle space. (Plus, the PLINE /exlibris1 has plenty of space available even if there were a significant increase.)

The other consideration is work space. "select count(\*) from z00;" for abc01 shows that you have 1.1 million bib records. In section 5 of the "How To Run Index Jobs" document, we describe a run of p\_manage\_01 for 1.5 million bib records which

took 30-38 gig of work space. UTIL-A-17-11-2 for the abc01 z95, z97, and z98 tables show that the size of these table is not excessive in relation to number of bib records.

Thus, the 92 gig. of space in the /exlibris directory should be much more than enough for the uqm01 p\_manage\_01 -- which is the index job with the largest space requirements.

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## Additional Information

faq

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