
What tasks are required to maintain the Voyager server?

- **Article Type:** Q&A
 - **Product:** Voyager
 - **Relevant for Installation Type:** Local;
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Question

What common tasks are required in order to maintain my Voyager system and keep it running smoothly?

Answer

Backups

- Maintaining, and testing the quality of backups is an obligation.
- Ex Libris installs a default backup script that stops the software, takes a disk snapshot, starts the software, then writes the snapshot to tape
- Alternate backups are allowed, and Ex Libris recommends that backups are: run nightly, full, and cold

Reboots

- While many applications can be run indefinitely in linux/unix without issue, periodic reboots of the Voyager server are mandatory to ensure correct functionality.
 - Recommended: Daily reboot of server.
 - Minimum: Weekly restart of Oracle, and Voyager application.
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Note

Voyager Support recommends rebooting the server on a weekly or monthly basis. If Support receives a report of mysterious issues with Voyager and the server has been up for more than a month, our recommendation will be to reboot it. If the server has been up for more than a year, we will recommend the server be rebooted during the day -- to ensure there are no problems bringing it back up.

Regens

- KEYWORD regens are a periodically required maintenance procedure. Frequency depends on usage and database size.
- Failing to run a keyword regen when required, will result in slower search performance, or the failure of the search to retrieve all relevant records.
- A keyword regen is required if a bulk import is conducted without keyword indexing.
- A keyword regen is required if the size of the dynamic index file is greater than half the size of the largest static index

file.

- A FULL regen reindexes all the Voyager indexes (see: [Types of Voyager regens](#)). FULL regens are done during a server upgrade as part of the procedure. There are other times when a FULL regen is required, such as after an authority load project or when enormous numbers of records are deleted or reloaded (such as during significant data cleanup).

Rotate Logs/Monitor Disk Space

- Monitor disk space usage using `df -h /m1`. If /m1 usage is >80% Ex Libris recommends taking measures to clear or add disk space.
- Rotate OS and Voyager log files on a regularly or automation rotation. Maintaining logs on the system for >14 days is usually not necessary.
- If `log.voyager` becomes 2 GB or larger in size, Voyager application components associated with this log will fail to start.

Additional Information

Backups

[How to Restart Voyager Processes Daily](#)

[For an upgrade, when do I need to do a backup?](#)

Regens

[Who can run a keyword regen?](#)

[How do I determine if keyword regen is needed?](#)

[What kind of impact to Voyager during keyword regen?](#)

[Are MARC records read-only during regens?](#)

Disk Space

[Clearing disk space on the Voyager server](#)

WebVoyage

[How to Properly Restart Voyager, Apache & Tomcat](#)

[Creating new skins in WebVoyage](#)

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