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## How to reinstall Cobol license

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

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### *Desired Outcome Goal:*

Reinstall Cobol license (because of Semaphore failure, corruption of Microfocus Cobol license, new version of Red Hat, etc.)

### *Procedure:*

1. Download the Aleph Installation Kit (AIK) document (at Ex Libris Documentation Center > Aleph > Technical Documentation > Version 21 > Installation and Upgrade Information).
2. Download Software from ftp Server (Step 1 in AIK document).. See KB 16384-26545 ("Download information UEX kits and AIK Aleph 21") for ftp password.
3. Log on as root
4. `# cd /exlibris/ftp_from_exlibris/AIK21`
5. `# bash cob_dev_lic`
6. `# bash cob_run_lic`
7. Then switch to user aleph and start the processes of Aleph 21. Make sure that you don't receive any error messages related to the COBOL environment.
- 8 . Run run util x/7 to clear out the UTF files, so a correct version of \$aleph\_utf/utf\_files/.../alephe/tab\_version (and others?) can be created. (This may not be necessary in every case.)

Contact Ex Libris Support if you have questions about this procedure.

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## Additional Information

### *Related Articles:*

["How to reinstall the licenses of the COBOL environment for Aleph "](#)

"Installing COBOL 5.0 development license fails" (KB 16384-66481)

**Category:** System Management (500)

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