Dynamic Solutions
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Upgrading Linux Library Controller Software

The latest version of the Linux Library Controller software can be downloaded from the DSI Support web site under Software & Docs->TapeManager/LibraryManager/FileManager (Unisys).

Download the file named "**Install-DSICTL-0yy-x86_64.bsx**" (where "**yy**" represents the LLC version number) from the DSI ExaVault site under the *DSI Software/DSI Linux Library Controller* directory. This installation file can be used with the following instructions.
Contact support@dynamicsolutions.com if you cannot access the DSI ExaVault directory through the DSI Support site.

Installation

The installation of the Linux Library Controller uses a self-extracting script. To perform the installation, move the **Install-DSICTL-0yy-x86_64.bsx** file to the VTL server via WinSCP or other SFTP method. This file can be placed in whatever directory you choose. For this example, we use */tmp* directory and LLC version number 6.03.015. You will need to make sure the file is executable either through your SFTP program (file properties) or via the command line. You must also be logged on to the server as the super user, root.

> **NOTE: If you do not have the password for the root user, please contact your server administrator or DSI Support at the email address above.**

1. When the file has been placed on the VTL server and you are logged in as root, change to the file location:

   `# cd /tmp`

   Note: If you have placed the file in a different directory issue the cd command for that directory.

2. You can then modify the file to ensure it is readable and executable to the super user "root" by issuing:

   `# chmod 500 Install-DSICTL-015-x86_64.bsx`

   Note: The actual name may be different in your case.

3. The installation takes place when you run this file by entering its name:

   `# ./ Install-DSICTL-015-x86_64.bsx`

4. The package will install and copy files to the correct directories. Start the upgraded Library Controller software by running:

   `# DSICTL start`
   Verify by running:
   `# DSICTL status`

   NOTE: After the install, the current copy of the LLC will be saved in /usr/local/DSI/bin

as "old-LLC-<date><time>" (example: "old-LLC-0908211124")

Restoring the previous version of Linux Library Controller

If it becomes necessary to revert to the previous version it can be restored by copying the "old-LLC-<date><time>" file to the file name that gets run. This will return to the previous level of software.

1. On the VTL server enter the following commands:
   ```
   # cd /usr/local/DSI/bin
   # DSICTL stop
   # cp –p old-LLC-<date><time> LLC
   ```
   NOTE: This will ask for verification to overwrite the current LLC, answer 'y' or "yes")

   ```
   # DSICTL start
   ```

2. To verify that the previous version is running:
   ```
   # DSICTL status
   ```

   This should reflect the previous version number of the software.