

Updating the DCS software using the repo-rpm file.

1. What is the repo-rpm file?

The repo-rpm file is a rpm file that contains LSI's DCS software. The file actually contains several other rpm files and the instructions to create an rpm repository on the DCS that will allow you to update the individual software packages. A version of this file is already installed on the DCS at the factory and contains the currently installed DCS software. If you download a newer version, you will be updating the factory files.

2. Copying the file onto the DCS.

Your first task is to get the file onto the DCS. One method is to use scp to copy the file. A Windows version of the scp program is called '**pscp**' and is available with the communications package '**putty**'. When copying the file, we suggest you place it in the */tmp* directory on the DCS.

The DCS also supports anonymous ftp uploads. You may login to the DCS ftp server using the user name 'anonymous' and as a password use your first name. Next, type the command: 'cd uploads'. Finally, use the 'put' command to copy the file to the DCS. Please note that the file will be stored in the directory: */var/ftp/uploads*.

3. Updating the repo-rpm file.

You need to know the full file name of the update file. A sample name is: **repo-rpm-1.1-3.noarch.rpm**. The numbers will vary, but the remainder of the name will stay the same. This is important because there may be several older versions of the file already on the DCS.

The command to upgrade is:

```
yum -y localupdate [path-to-file]/repo-rpm-X.Y-Z-noarch.rpm
```

path-to-file is the directory where you placed the file (*/tmp* or */var/ftp/uploads*)
X.Y-Z is the version of the file you are using (example: 1.1-3)

When finished, you have made available to the DCS system the latest software, but have not installed it. Another step is required in order to update to the latest software.

4. Updating the DCS software.

The command to update the DCS software is: **yum -y upgrade**

This will locate and install any newer DCS software from the local repository that was created by the repo-rpm file.

5. Reboot the DCS.