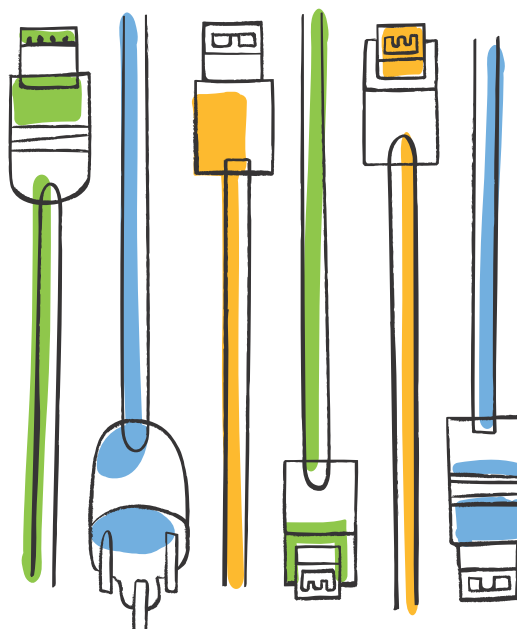




# SANtricity® Storage Manager 11.10

## AIX Installation Procedures



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# Installing the Storage Management Software on the AIX OS Using the Command Prompt

Use this procedure to install the storage management software packages on the AIX OS. When you install the new software, earlier versions of the software are automatically removed as part of that process.

For this procedure, you must first obtain an installation file that is specific to your operating system and to the release level of the storage management software from your storage vendor. In the following steps, the installation file is identified as `SMIA-AIX-11.10.nnnn.nnnn.bin`. The characters `nnnn.nnnn` are, in practice, alpha-numeric characters: for example, `SMIA-AIX-11.10.0000.0178.bin`.

1. Make sure that you have root privileges, which are required to install the software.
2. Download or copy the installation file, `SMIA-AIX-11.10.nnnn.nnnn.bin`, to a directory on your host.
  - To download the installation file, navigate to <http://mysupport.netapp.com> and download the E-Series/EF-Series SANtricity Storage Manager 11.10.nnnn.nnnn and Related Software package for AIX.
3. Change your current directory to the installation directory by typing `cd <install>` on the command line and then pressing **Enter**.  
`<install>` is the name of the directory on your server to which you downloaded the installation file.
4. Change the file permissions for the installer using the `chmod 777 SMIA-AIX-11.10.*.bin` command.  
This action allows you to run the installer.
5. Execute the installer using the `./SMIA-AIX-11.10.*.bin` command.  
The following messages appear in the console window:

```
Preparing to install...
Extracting the JRE from the installer archive...
Unpacking the JRE...
Extracting the installation resources from the installer archive...
Configuring the installer for this system's environment...
Launching installer...
Graphical installers are not supported by the VM. The console mode
will be used instead...
=====
SANtricity (created with InstallAnywhere)
-----
Preparing CONSOLE Mode Installation...
=====
Introduction
-----
The installation program will allow you to select and install
the storage array host software and tools required to configure,
manage, and monitor a storage array.
Respond to each prompt to proceed to the next step in the installation.
If you want to change something on a previous step, type 'back'.
You may cancel this installation at any time by typing 'quit'.
PRESS <ENTER> TO CONTINUE:
```

6. Press **Enter** when prompted.  
The first section of the license agreement is displayed in the console window.
7. Continue pressing **Enter** as you read through the license agreement.
8. When asked `DO YOU ACCEPT THE TERMS OF THIS LICENSE AGREEMENT? (Y/N)`: enter **Y** to accept.  
You are prompted to select your installation type.

9. Based on the type of installation that you are performing, select one of these options by entering the corresponding number.

The steps in this procedure describe a typical (full) installation.

- Enter **1** to choose **Typical (Full Installation)**. This selection, which is the default, installs all of the packages on the system. Choose this option if you do not know which installation type to select.
- Enter **2** to choose **Management Station**. This selection installs the software that is needed to configure, manage, and monitor a storage array. This option is for your workstation or management computer.
- Enter **3** to choose **Host**. This selection installs the storage array server software. Use this type of installation for the host (server) that is connected to the storage array.
- Enter **4** to choose **Customize**. This selection lets you customize the features to be installed.

A pre-installation summary appears.

```
=====
Pre-Installation Summary
-----
Please Review the Following Before Continuing:
Install Folder:
/opt/StorageManager
Required Disk Space
875 MB
Available Disk Space
5,032 MB
PRESS <ENTER> TO CONTINUE:
```

10. Press **Enter** to continue.

The installation may take several minutes. After it has completed, the following message appears:

```
=====
Installation Complete
-----
Congratulations. SANtricity has been successfully installed to:
/opt/StorageManager
PRESS <ENTER> TO EXIT THE INSTALLER:
```

11. Press **Enter** to exit the installer.

Several files and program packages are installed to the `/opt/SMgr` directory and the `/opt/StorageManager` directory.

12. Issue a re-scan on the server by typing `cfgmgr`.

A re-scan allows the server to recognize the changes you have made without rebooting.

AIX uses the native MPIO (non-ALUA) for failover. After you have installed the host package, see the *Multipath Drivers Guide* to configure the multipath driver.

## Installing E-Series Entries in the ODM on AIX and VIOS

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**NOTE** If you have installed the SANtricity Storage Manager package on the AIX host, you do not need to perform this procedure. The ODM package will already be installed.

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**NOTE** You must install the ODM package on all AIX I/O attached hosts.

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