



# Splunk® Enterprise Installation Manual

## 7.1.0

### Install on Mac OS X

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# Install on Mac OS X

You can install Splunk Enterprise on Mac OS X with a DMG package or a tar file.

To install the Splunk **universal forwarder**, see *Install a \*nix universal forwarder* in the *Universal Forwarder* manual. The universal forwarder is a separate executable, with its own set of installation procedures.

## *Upgrading?*

If you are upgrading, review "How to upgrade Splunk Enterprise" for instructions and migration considerations before proceeding.

## Installation options

The Mac OS installation package comes in two forms: a DMG package and a tar file.

If you require two installations in different locations on the same host, use the tar file. The DMG installer cannot install a second instance. If one exists, it removes that instance upon successful install of the second.

## *Graphical installation*

1. Double-click on the DMG file. A **Finder** window containing splunk.pkg opens.
2. In the **Finder** window, double-click on splunk.pkg. The installer opens and displays the **Introduction**, which lists version and copyright information.
3. Click **Continue**. The **Select a Destination** window opens.
4. Choose a location to install Splunk Enterprise.
  - ◆ To install in the default directory, /Applications/splunk, click on the harddrive icon.
  - ◆ To select a different location, click **Choose Folder...**
5. Click **Continue**. The pre-installation summary displays. If you need to make changes:
  - ◆ Click **Change Install Location** to choose a new folder, or
  - ◆ Click **Back** to go back a step.
6. Click **Install**. The installation begins. It might take a few minutes to complete.
  - ◆ A text window displays a request for credentials. You will use these credentials to log into Splunk.

7. When your install completes, click **Finish**. The installer places a shortcut on the Desktop.

### ***Command line installation***

To install Splunk Enterprise on Mac OS X from the command line, you must use the root user, or elevate privileges using the `sudo` command. **If you use `sudo`, your account must be an Administrator-level account.**

1. To mount the DMG file, run:

```
sudo hdid splunk_package_name.dmg
```

The Finder mounts the disk image onto the desktop. The image is available under `/Volumes/SplunkForwarder <version>` (note the space).

2. To Install the software:

- ◆ To the root volume:

```
cd /Volumes/SplunkForwarder\ <version>
sudo installer -pkg .payload/splunk.pkg -target /
```

There is a space in the disk image name. Use a backslash to escape the space or wrap the disk image name in quotes.

- ◆ To a different disk or partition:

```
cd /Volumes/SplunkForwarder\ <version>
sudo installer -pkg .payload/splunk.pkg -target /Volumes\ Disk
```

There is a space in the disk image name. Use a backslash to escape the space or wrap the disk image name in quotes.

`-target` specifies a target volume, such as another disk, where Splunk will be installed in `/Applications/splunk`.

To install into a directory other than `/Applications/splunk` on any volume, see the graphical installation instructions.

### ***tar file install***

The tar file is a manual form of installation. When you install Splunk Enterprise with a tar file:

- Splunk Enterprise does not create the `splunk` user automatically. If you want it to run as a specific user, you must create the user manually before

- installing.
- Ensure that the disk partition has enough space to hold the uncompressed volume of the data you plan to keep indexed.

To install Splunk Enterprise on Mac OS X, expand the tar file into an appropriate directory using the `tar` command:

```
tar xvzf splunk_package_name.tgz
```

The default install directory is `splunk` in the current working directory. To install into `/Applications/splunk`, use the following command:

```
tar xvzf splunk_package_name.tgz -C /Applications
```

## Next steps

Now that you have installed Splunk Enterprise:

- Start it, if it has not started already.
- Configure it to start at boot time. See [Configure Splunk software to start at boot time](#).
- Learn what comes next.

## Uninstall Splunk Enterprise

To learn how to uninstall Splunk Enterprise, see [Uninstall Splunk Enterprise](#) in this manual.