



Splunk® Enterprise Search Tutorial 7.3.1

Install Splunk Enterprise

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Install Splunk Enterprise

You can install Splunk Enterprise on the following operating systems.

- Linux installation instructions
- Windows installation instructions
- Mac OS X installation instructions

For other installers or other supported operating systems, see the step-by-step installation instructions for those platforms. After installing Splunk Enterprise, you can continue to Navigating Splunk Web.

Linux installation instructions

Splunk Enterprise provides three Linux installer options: an RPM, a DEB, or a .tgz file.

Prerequisite

You must have access to a command-line interface (CLI). When you type in the installation commands, replace `splunk_package_name` with the file name of the Splunk Enterprise installer that you downloaded.

Install the Splunk Enterprise RPM

You can install the Splunk Enterprise RPM in the default directory `/opt/splunk`, or in a different directory.

1. Use the CLI to install Splunk Enterprise.
 - ◆ To install into the default directory, type `rpm -i splunk_package_name.rpm`.
 - ◆ To install into a different directory, add the `--prefix` flag to the installation command.
For example, type `rpm -i --prefix=/opt/new_directory splunk_package_name.rpm`.
2. A command line window prompts you to create an administrator password. You need this password for your initial Splunk Enterprise login.
This appears to be your first time running this version of Splunk.
An Admin password must be set before installation proceeds.
Password must contain at least:
 - * 8 total printable ASCII character(s).Please enter a new password:
Please confirm new password:

- If you have enabled `--no prompt` in the command line, you are not prompted to create the administrator credentials needed to log into Splunk Enterprise for the first time. There are several ways you can create these credentials at startup. See [Start Splunk Enterprise for the first time](#).
3. Go to the steps to Launch Splunk Web.

Install the Splunk Enterprise DEB package

- You can install the Splunk Enterprise DEB only into the `/opt/splunk` directory.
- This location must be a regular directory, and cannot be a symbolic link.
- You must have access to the root user or have sudo permissions to install the package.
- The package does not create environment variables to access the Splunk Enterprise installation directory. You must set those variables on your own.

If you need to install Splunk Enterprise somewhere else, or if you use a symbolic link for `/opt/splunk`, then use a TAR file to install the software.

1. In the CLI, type `dpkg -i splunk_package_name.deb`.
2. Go to the steps to Launch Splunk Web.

Install the Splunk Enterprise .tgz file

Knowing the following items helps ensure a successful installation with a compressed TAR file:

- Some non-GNU versions of `tar` might not have the `-C` argument available. In this case, to install in `/opt/splunk`, either `cd` to `/opt` or place the tar file in `/opt` before you run the `tar` command. This method works for any accessible directory on your host file system.
- Splunk Enterprise does not create the `splunk` user. If you want Splunk Enterprise to run as a specific user, you must create the user manually before you install.
- Confirm that the disk partition has enough space to hold the uncompressed volume of the data you plan to keep indexed.

1. To install Splunk Enterprise on a Linux system, expand the TAR file into an appropriate directory using the `tar` command. The default installation directory is `splunk` in the current working directory.

To install into `/opt/splunk`, use the following command with the `-C` argument.

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

2. A command line window prompts you to create an administrator password. You will need this password for you initial Splunk Enterprise login. This appears to be your first time running this version of Splunk.

An Admin password must be set before installation proceeds.

Password must contain at least:

- * 8 total printable ASCII character(s).

Please enter a new password:

Please confirm new password:

If you have enabled `--no prompt` in the command line, you are not prompted to create the administrator credentials needed to log into Splunk Enterprise for the first time. There are several ways you can create these credentials at startup. See [Start Splunk Enterprise for the first time](#).

3. Go to the steps to Launch Splunk Web.

Windows installation instructions

For this tutorial you will install Splunk Enterprise using the default installation settings, which run the software as the Local System user, `admin`.

1. Navigate to the folder or directory where the installer is located.
2. Double-click the `splunk.msi` file to start the installer.
3. In the Welcome panel, read the License Agreement and click **Check this box to accept the license agreement**.
4. Click **Next**.
5. A terminal window appears and you are prompted to specify a userid and password to use with the Splunk Trial.

The password must be at least 8 characters in length. The cursor will not advance as you type. Make note of the userid and password. You will use these credentials to logon Splunk Web.

6. Click **Next**.
7. (Optional) You are prompted to create a shortcut on the Start Menu. If you want to do this, click **Create Start Menu shortcut**.
8. Click **Install**.
9. In the Installation Complete panel, confirm that the **Launch browser with Splunk** check box is selected.

10. Click **Finish**.

The installation finishes, Splunk Enterprise starts, and Splunk Web launches in a browser window.

11. Go to the steps to Launch Splunk Web.

For other user options or to perform a custom installation, see the instructions for Install on Windows in the *Installation Manual*.

Mac OS X installation instructions

1. Navigate to the folder or directory where the installer is located.

2. Double-click the DMG file.

A Finder window that contains the `splunk.pkg` opens.

3. Double-click the `Install Splunk` icon to start the installer.

4. The **Introduction** panel lists version and copyright information. Click **Continue**.

5. The **License** panel lists shows the software license agreement. Click **Continue**.

6. You will be asked to agree to the terms of the software license agreement. Click **Agree**.

7. In the **Installation Type** panel, click **Install**. This installs Splunk Enterprise in the default directory `/Applications/splunk`.

8. You are prompted to type the password that you use to login to your computer.

9. When the installation finishes, a popup informs you that an initialization must be performed. Click **OK**.

10. A terminal window appears and you are prompted to specify a userid and password to use with the Splunk Trial.

The password must be at least 8 characters in length. The cursor will not advance as you type. Make note of the userid and password. You will use these credentials to logon Splunk Web.

11. A popup appears asking what you would like to do. Click **Start and Show Splunk**. The login page for Splunk Enterprise opens in your browser window.

12. Close the **Install Splunk** window.

The installer places a shortcut on the Desktop so that you can launch Splunk Enterprise from your Desktop any time.

13. Go to the steps to Launch Splunk Web.

Next step

Launch Splunk Web

See also

Install on Linux in the *Installation Manual*.