



Splunk® Enterprise Installation Manual

7.1.0

Upgrade to 7.1 on UNIX

Generated: 5/21/2018 4:50 pm

Upgrade to 7.1 on UNIX

Before you upgrade

Before you upgrade, see About upgrading to 7.1: READ THIS FIRST for information on changes in the new version that can impact you if you upgrade from an existing version.

Splunk Enterprise does not provide a means of downgrading to previous versions. If you need to revert to an older Splunk release, uninstall the upgraded version and reinstall the version you want.

Back your files up

Before you perform the upgrade, **back up all of your files**, including Splunk Enterprise configurations, indexed data, and binaries.

For information on backing up data, see Back up indexed data in the *Managing Indexers and Clusters Manual*.

For information on backing up configurations, see Back up configuration information in the *Admin Manual*.

How upgrading works

To upgrade a Splunk Enterprise installation, you must install the new version directly on top of the old version (into the same installation directory.) When Splunk Enterprise starts after an upgrade, it detects that the files have changed and asks whether or not you want to preview the migration changes before it performs the upgrade.

If you choose to view the changes before proceeding, the upgrade script writes the proposed changes to the

`$SPLUNK_HOME/var/log/splunk/migration.log.<timestamp>` file.

Splunk Enterprise does not change your configuration until after you restart it.

Upgrade Splunk Enterprise

1. Open a shell prompt on the machine that has the instance that you want to upgrade.
2. Change to the `$SPLUNK_HOME/bin` directory.

3. Run the `$SPLUNK_HOME/bin/splunk stop` command to stop the instance.
4. Confirm that no other processes can automatically start Splunk Enterprise.
5. To upgrade and migrate, install the Splunk Enterprise package directly over your existing deployment.

- ◆ If you use a `.tar` file, expand it into the same directory with the same ownership as your existing Splunk Enterprise instance. This overwrites and replaces matching files but does not remove unique files.
`tar xzf splunk-7.x.x-<version-info>.tgz -C /splunk/parent/directory`
- ◆ If you use a package manager, such as RPM, type `rpm -U splunk_package_name.rpm`
- ◆ If you use a `.dmg` file on Mac OS X, double-click it and follow the instructions. Specify the same installation directory as your existing installation.

6. Run the `$SPLUNK_HOME/bin/splunk start` command.

Splunk Enterprise displays the following output.

This appears to be an upgrade of Splunk.

```
Splunk has detected an older version of Splunk installed on this
machine. To
finish upgrading to the new version, Splunk's installer will
automatically
update and alter your current configuration files. Deprecated
configuration
files will be renamed with a .deprecated extension.
You can choose to preview the changes that will be made to your
configuration
files before proceeding with the migration and upgrade:
If you want to migrate and upgrade without previewing the changes
that will be
made to your existing configuration files, choose 'y'.
If you want to see what changes will be made before you proceed
with the
upgrade, choose 'n'.
Perform migration and upgrade without previewing configuration
changes? [y/n]
```

7. Choose whether or not you want to run the migration preview script to see proposed changes to your existing configuration files, or proceed with the migration and upgrade right away. If you choose to view the expected changes, the script provides a list.
8. After you review these changes and are ready to proceed with migration and upgrade, run `$SPLUNK_HOME/bin/splunk start` again.

Upgrade and accept the license agreement simultaneously

After you place the new files in the Splunk Enterprise installation directory, you

can accept the license and perform the upgrade in one command.

- To accept the license and view the expected changes (answer 'n') before continuing the upgrade, use the following command.

```
$SPLUNK_HOME/bin/splunk start --accept-license --answer-no
```

- To accept the license and begin the upgrade without viewing the changes (answer 'y').

```
$SPLUNK_HOME/bin/splunk start --accept-license --answer-yes
```