



Upgrade your plug-in packages

SnapCenter Software

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The plug-in packages are distributed as part of the SnapCenter upgrade.

What you will need

- If you are a non-root user with access to the Linux machines, you should update the `/etc/sudoers` file with the latest checksum values before performing the upgrade operation.
- By default SnapCenter detects `JAVA_HOME` from the environment. If you want to use a fixed `JAVA_HOME` and if you are upgrading the plug-ins on a Linux host, you should manually add the `SKIP_JAVAHOME_UPDATE` parameter in the `spl.properties` file located at `/var/opt/snapcenter/spl/etc/` and set the value to `TRUE`.

The value of `JAVA_HOME` gets updated when the plug-in is upgraded or when the SnapCenter plug-in loader (SPL) service restarts. Before upgrading or restarting the SPL, if you add the `SKIP_JAVAHOME_UPDATE` parameter and set the value to `TRUE`, the value of `JAVA_HOME` is not updated.

- You should have backed up all the SnapCenter configuration files that you have modified either on the SnapCenter Server host or the plug-in host.

Examples of SnapCenter configuration files: `SnapDriveService.exe.config`, `SMCoreServiceHost.exe.config`, and so on.

About this task

- You can only upgrade one host at a time.



If your hosts are in a Microsoft cluster, you can upgrade the SQL and Windows plug-ins on all the hosts in the cluster at one time.

For more information, see [Upgrade might fail on hosts with SQL databases on VMDK](#).

- The upgrade procedure places your Windows, Linux, or AIX host in “maintenance” mode, which prevents the host from running any scheduled jobs.
- SQL host plug-in upgrade fails if the ISO path is unavailable for Windows roles and features.
- Supported upgrade paths:

If using are using...	You can...
4.0.x	<ul style="list-style-type: none"> • Directly upgrade to 4.1.x • Upgrade to 4.2.x by first upgrading to 4.1.x, and then upgrade to 4.2.x • Upgrade to 4.3.x by first upgrading to 4.1.x, then upgrade to 4.2.x, and then upgrade to 4.3.x • Upgrade to 4.4.x by first upgrading to 4.1.x, then upgrade to 4.2.x, then upgrade to 4.3.x, and then upgrade to 4.4.x • Upgrade to 4.5 by first upgrading to 4.1.x, then upgrade to 4.2.x, then upgrade to 4.3.x, then upgrade to 4.4.x, and then upgrade to 4.5
4.1.x	<ul style="list-style-type: none"> • Directly upgrade to 4.2.x • Upgrade to 4.3.x by first upgrading to 4.2.x, and then upgrade to 4.3.x • Upgrade to 4.4.x by first upgrading to 4.2.x, then upgrade to 4.3.x, and then upgrade to 4.4.x • Upgrade to 4.5 by first upgrading to 4.2.x, then upgrade to 4.3.x, then upgrade to 4.4.x, and then upgrade to 4.5
4.2.x	<ul style="list-style-type: none"> • Directly upgrade to 4.3.x • Upgrade to 4.4.x by first upgrading to 4.3.x, and then upgrade to 4.4.x • Upgrade to 4.5 by first upgrading to 4.3.x, then upgrade to 4.4.x, and then upgrade to 4.5
4.3.x	<ul style="list-style-type: none"> • Directly upgrade to 4.4.x • Upgrade to 4.5 by first upgrading to 4.4.x, and then upgrade to 4.5
4.4.x	Directly upgrade to 4.5



For information about upgrading the SnapCenter Plug-in for VMware vSphere, see [Upgrade SnapCenter Plug-in for VMware vSphere](#).

Steps


1. In the left navigation pane, click **Hosts > Managed Hosts**.
2. Upgrade the hosts by performing one of the following tasks:
 - If the Overall Status column displays “Upgrade available” for one of the hosts, click the host name and perform the following:
 - a. Click **More Options**.

- b. Select **Skip prechecks** if you do not want to validate whether the host meets the requirements to upgrade the plug-in.
- c. Click **Upgrade**.



After upgrading SnapCenter Plug-in for Microsoft SQL Server, you must refresh the resources to view the Availability Group type, and you must also provide new values for **Repeat every** option for monthly schedules because the values are not retained.

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If you want to upgrade multiple hosts, select all the hosts, click , and then click **Upgrade > OK**.



All the plug-ins in the package gets selected, but only the plug-ins that were installed with the earlier version of SnapCenter are upgraded, and the remaining plug-ins are not installed. You must use the **Add plug-ins** option to install any new plug-in.

If you have not selected the **Skip prechecks** check box, the host is validated to see if it meets the requirements to install the plug-in. If the minimum requirements are not met, appropriate error or warning messages are displayed. After fixing the issue, click **Validate** to re-validate the requirements.



If the error is related to disk space or RAM, you can update either the web.config located at C:\Program Files\NetApp\SnapCenter WebApp, or the PowerShell config files located at C:\Windows\System32\WindowsPowerShell\v1.0\Modules\SnapCenter\ to modify the default values. If the error is related to remaining parameters then you must fix the issue, and then validate the requirements again.

After you finish

You should bring the host out of maintenance mode by clicking **Activate Schedule**.

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