



## Install Cisco EPN Manager 2.0 MP1 in a Standard Environment (No High Availability)

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## Cisco EPN Manager 2.0 MP1 Installation (No High Availability)

These are the steps for installing Cisco EPN Manager 2.0 MP1 on a standard deployment with no high availability:

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| <b>Step 1</b> | <a href="#">Download and Install the Point Patch (No HA), on page 1</a>                 |
| <b>Step 2</b> | <a href="#">Download and Run the EpnmMP1_prereq_sys_stats Script (No HA), on page 2</a> |
| <b>Step 3</b> | <a href="#">Download Cisco EPN Manager 2.0 MP1 (No HA), on page 3</a>                   |
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## Download and Install the Point Patch (No HA)

Installing PP2 (Cisco EPN Manager 2.0 (0.2.0)) is mandatory for MP1 installation and PP2 includes the contents of PP1 (Cisco EPN Manager 2.0 (0.1.0)) as well. Therefore, if you have not yet installed PP1, you can directly proceed to PP2 installation.

Follow these steps to install a point patch on top of Cisco EPN Manager 2.0 in a standard environment (no high availability).

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- Step 1** Log into Cisco EPN Manager with Administrator privileges.
- Step 2** From the left sidebar, choose **Administration > Licenses and Software Update > Software Update**.
- Step 3** Get the ubf file, either by downloading it directly from Cisco.com or by uploading it to the server from a saved location:
- If your server has Internet connectivity:
    - Click the blue **Download** link at the top of the page and log into Cisco.com. The system checks for available software updates.
    - Select the required patch and click **OK** to start the download from Cisco.com to the server.
  - If your server does not have Internet connectivity or you have obtained the ubf file from another source:
    - Get the patch installation file from the [Software Download page on Cisco.com](#) and copy it to your Cisco EPN Manager server.
    - Click the blue **Upload** link at the top of the Software Update page in Cisco EPN Manager, browse to the ubf file and click **OK**.

After the successful download or upload of the patch, the patch name will appear as follows under Add-Ons on the Software Update page:

- EPN Manager Point Patch.

- Step 4** Install the patch by clicking its associated **Install** button. Cisco EPN Manager will auto-restart and the Cisco EPN Manager GUI will not be accessible for sometime.
- Step 5** In the CLI session, run the **ncs status** command to ensure all services are up and running. Log into Cisco EPN Manager to verify if the GUI is accessible. After successful installation, the status will change to “Installed”.
- Step 6** Check if the version of the Point Patch is updated correctly in the Login, About and Software Update pages in the Cisco EPN Manager GUI.
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## Download and Run the EpmMP1\_prereq\_sys\_stats Script (No HA)

**IMPORTANT** : The following procedure is only required if you are installing Cisco EPN Manager 2.0 MP1 after **upgrading from Cisco EPN Manager 1.2 MP7**.

If you are upgrading from Cisco EPN Manager 1.2 MP7, you must run a mandatory script that performs some required configurations to the optimizer. The following procedure explains how to download the script and signature files, validate the script image, and run the script.

### Before You Begin

If you do not have **openssl** installed, download and install it (see <http://www.openssl.org>). You will use it for the validation process.

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- Step 1** Download the following script and signature files from the [Software Download site on Cisco.com](#): **EpnmMP1\_prereq\_sys\_stats.sh**, **EpnmMP1\_prereq\_sys\_stats.sh.signature**, and **CiscoEPNM-2.0.1.pem**.
- Step 2** Log into the server as a root user and copy the files to /tmp.
- Step 3** Move to the /tmp directory and run the following command to validate the file (this ensures that the file is from Cisco Systems and has not been tampered with):
- ```
# openssl dgst -sha512 -verify cert-file -signature sig-file script-file
```
- Where:
- *cert-file* is the Cisco EPN Manager certificate file (\*.pem)
  - *sig-file* is the Cisco EPN Manager signature file (\*.signature)
  - *script-file* is the Cisco EPN Manager script to be verified
- If the result is **Verified OK**, proceed to the next step. Otherwise, repeat this procedure starting from Step 1.
- Step 4** Change the mode of the script file so that you can execute it:
- ```
# chmod a+x /tmp/EpnmMP1_prereq_sys_stats.sh
```
- Step 5** As a root user, run the script:
- ```
# /tmp/EpnmMP1_prereq_sys_stats.sh
```
- Step 6** Wait for the script to complete; this takes around 10 minutes. Once the script is complete, you will see the shell prompt.
- Step 7** Check the script log to ensure that the script execution was successful.
- ```
# ls -ltr /opt/CSColumos/logs/EpnmMP1*
```
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## Download Cisco EPN Manager 2.0 MP1 (No HA)

After installing the point patch, you can proceed with the download and installation of Cisco EPN Manager 2.0 MP1.

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- Step 1** Log into Cisco EPN Manager with Administrator privileges.
- Step 2** From the left sidebar, choose **Administration > Licenses and Software Update > Software Update**.
- Step 3** Get the ubf file, either by downloading it directly from Cisco.com or by uploading it to the server from a saved location:
- If your server has Internet connectivity:
    - Click the blue **Download** link at the top of the page and log into Cisco.com. The system checks for available software updates.
    - Select the Cisco EPN Manager Maintenance Pack and click **OK** to start the download from Cisco.com to the server.

- If your server does not have Internet connectivity or you have obtained the ubf file from another source:
  - Get the Cisco EPN Manager 2.0 MP1 installation file from the [Software Download page on Cisco.com](#) and copy it to your Cisco EPN Manager server.
  - Click the blue **Upload** link at the top of the Software Update page in Cisco EPN Manager, browse to the ubf file and click **OK**.

After the successful download or upload of the patch, the patch name will appear as follows under Add-Ons on the Software Update page:

- EPN Manager Maintenance Pack.
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## Install Cisco EPN Manager 2.0 MP1 (No HA)

After the upload/download of the MP1 is completed, proceed with its installation.

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- Step 1** Click on the **Install** button associated with the **EPN Manager Maintenance Pack** under Add-Ons on the Software Update page. After successful installation, the status will change to “Installed”.
  - Step 2** Cisco EPN Manager will auto-restart and the Cisco EPN Manager GUI will not be accessible for sometime.
  - Step 3** In the CLI session, run **ncs status** command to ensure all services are up and running. Log into Cisco EPN Manager to verify if the GUI is accessible. After successful installation, the status will change to “Installed”.
  - Step 4** Check if the version is updated correctly in the Software Update page in the Cisco EPN Manager GUI.
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