How to Install Cisco Cable SDN Application

The task below describes how to install the Cisco Cable SDN application:

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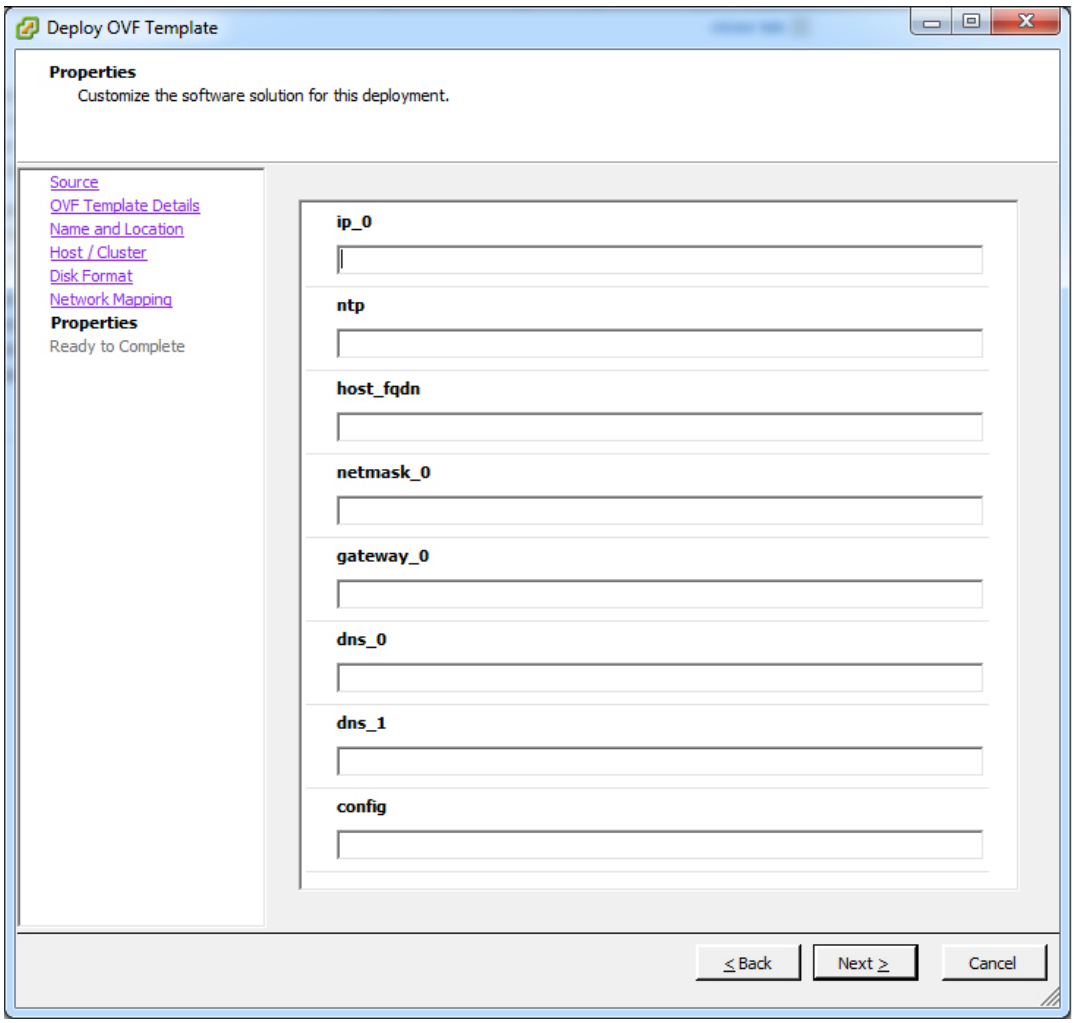
Installing Cisco Cable SDN Application

Before you begin

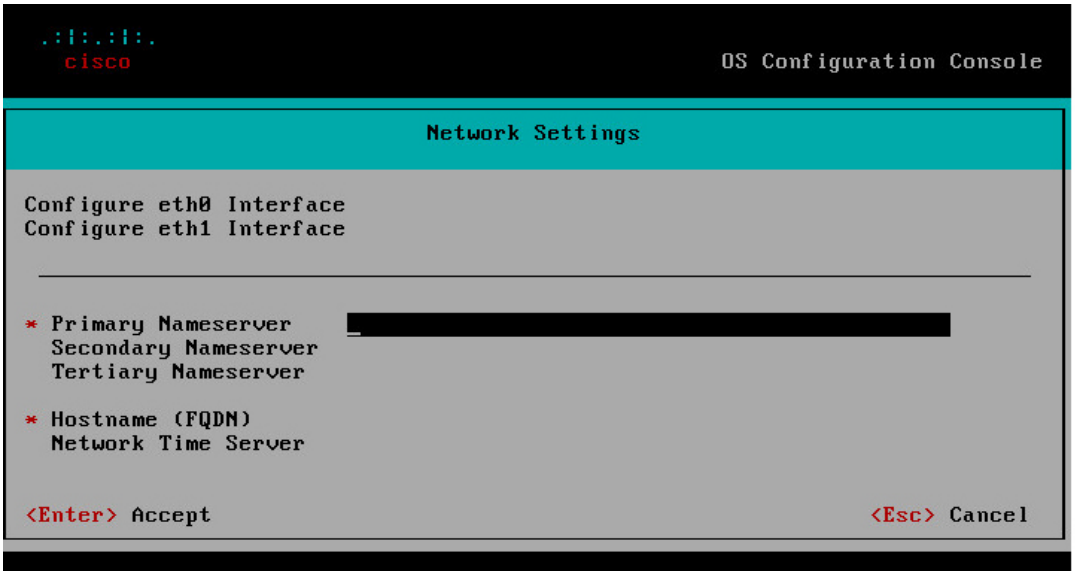
- Before installing the Cisco Cable SDN application, the Cisco Open SDN Controller must be installed. For detailed information about how to install and use the Cisco Open SDN Controller, see Cisco Open SDN Controller 1.2 Installation Guide and Cisco Open SDN Controller 1.2 Administrator Guide.
- Make sure the DNS is configured properly. Although DNS is listed as optional in the official Cisco Open SDN Controller guide, it is mandatory for the Cisco Cable SDN application installation. The DNS can be configured in two different ways:
  - During the installation of the Cisco Open SDN Controller, fill in DNS address in the **Deploy OVF Template** properties page:

Figure 1: Deploy OVF Template



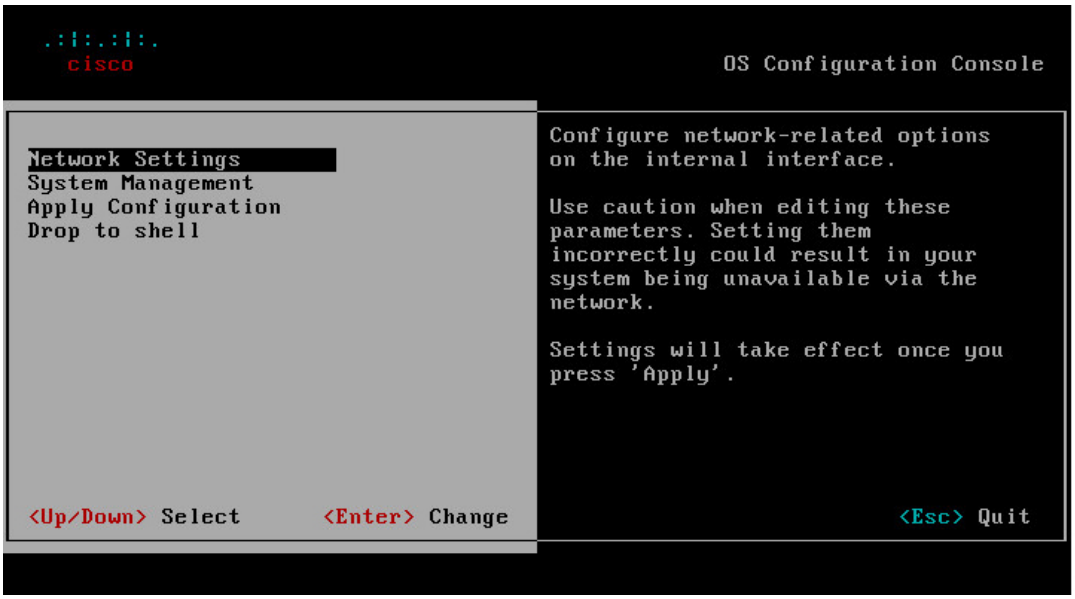
- During the configuration of the Cisco Open SDN Controller, select **Network Settings** in the **OS Configuration Console** page, and edit the DNS entries.

Figure 2: Network Settings



After return to the console page, select **Apply Configuration**.

Figure 3: OS Configuration Console

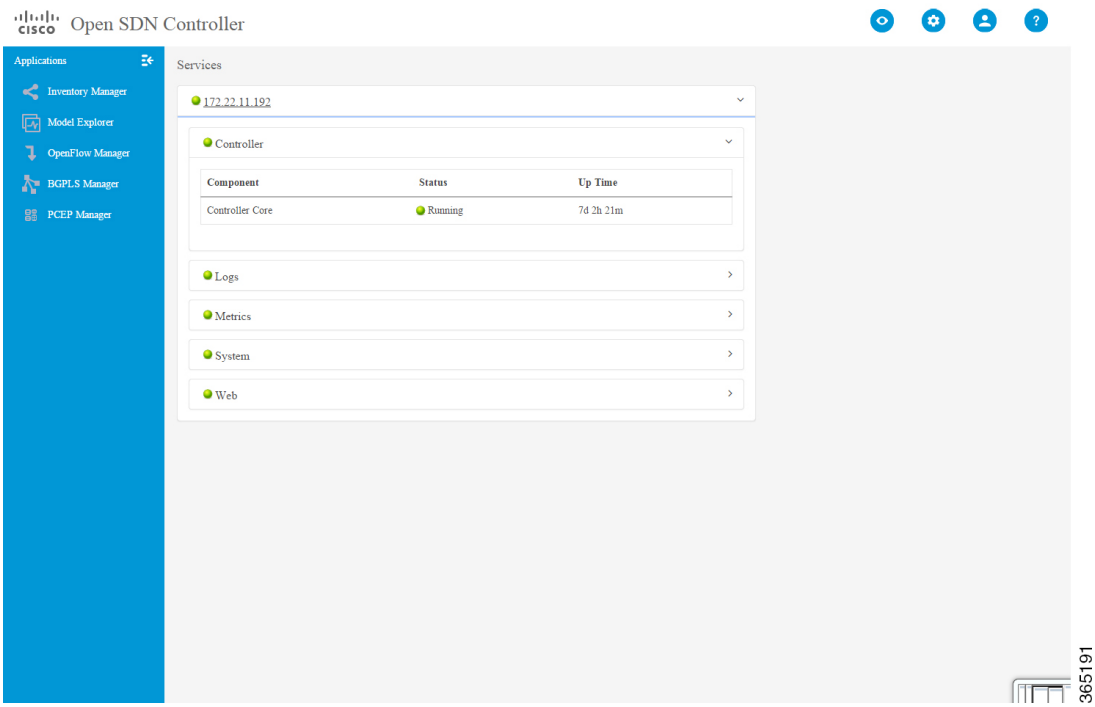


Step 1 Open the Cisco Open SDN Controller URL: **https://***controller-ip-address*, the log in page is displayed:

Figure 4: Open SDN Controller Login

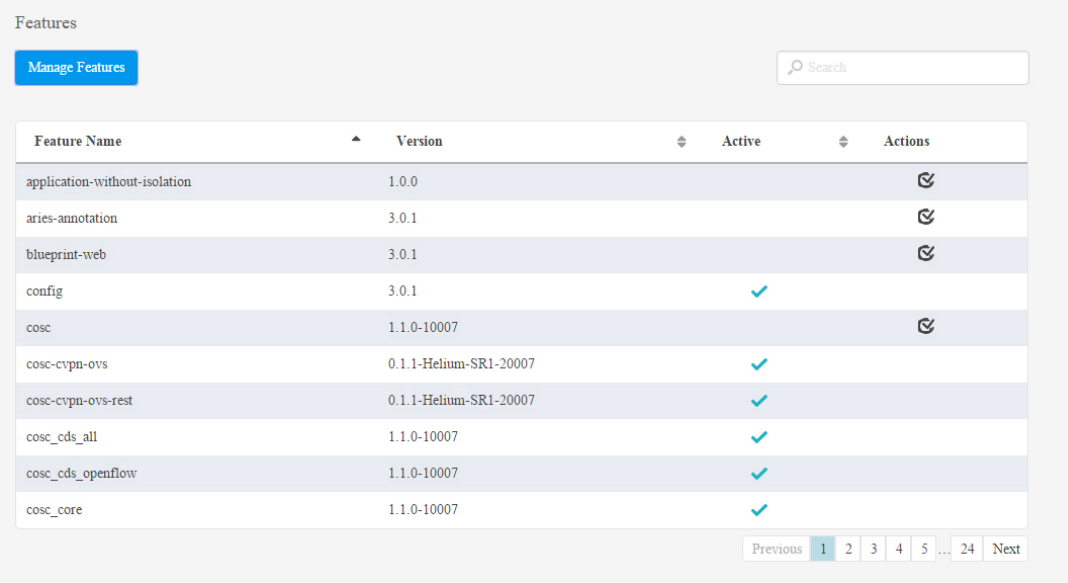
Step 2 Enter the username and password, then click **Login**, the following main page is displayed:

Figure 5: Open SDN Controller Main Screen



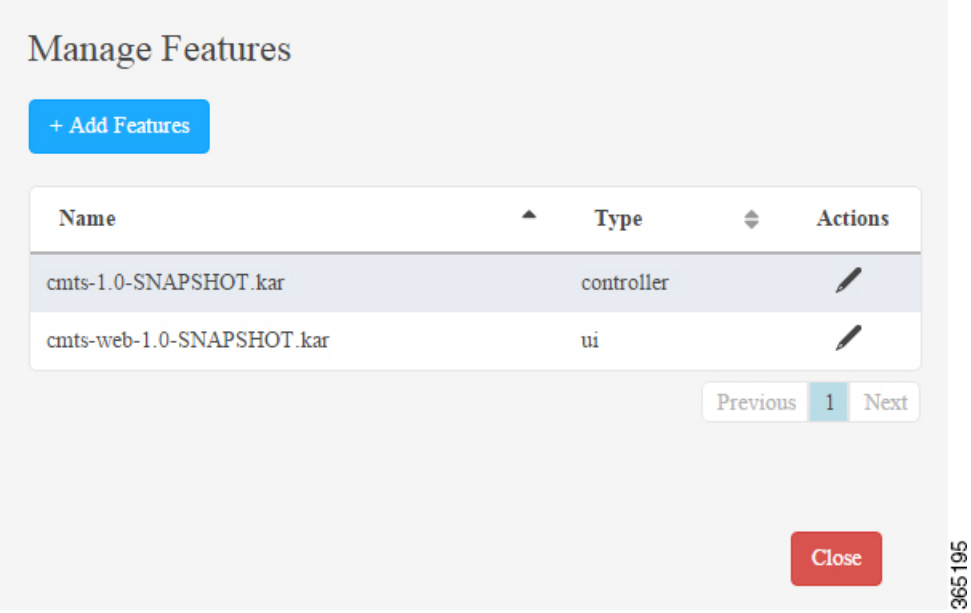
Step 3 Move the mouse over the top right gear icon, from the drop down menu, choose **Features**, the Features page is displayed:

Figure 6: Features



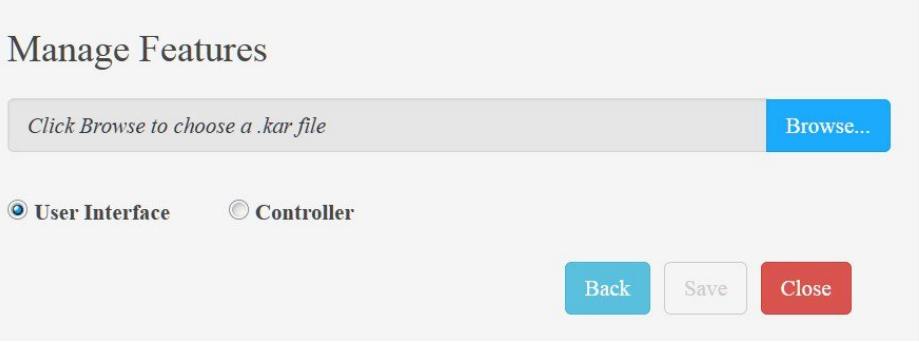
Step 4 In the Features page, click **Manage Features**, the Manage Features window is displayed:

Figure 7: Manage Features



Step 5 Click **Add Features** in the window, a dialog box is displayed:

Figure 8: Manage Features Dialog Box



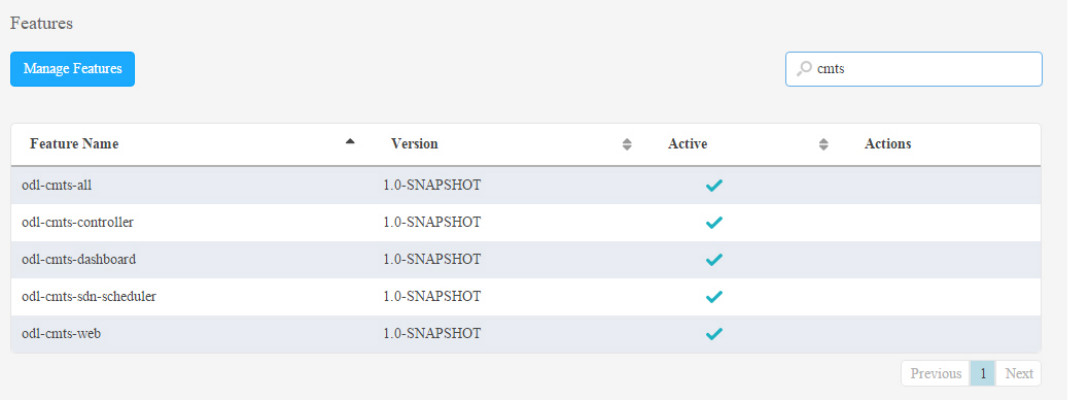
Select the package type: **User Interface** or **Controller**, then select the corresponding KAR file to install.

Note File naming convention: cmts-xyz.kar is a controller package, while cmts-web-xyz.kar is a UI package.

Caution Do not mix up the package type during installation, because currently the package can not be uninstalled completely.

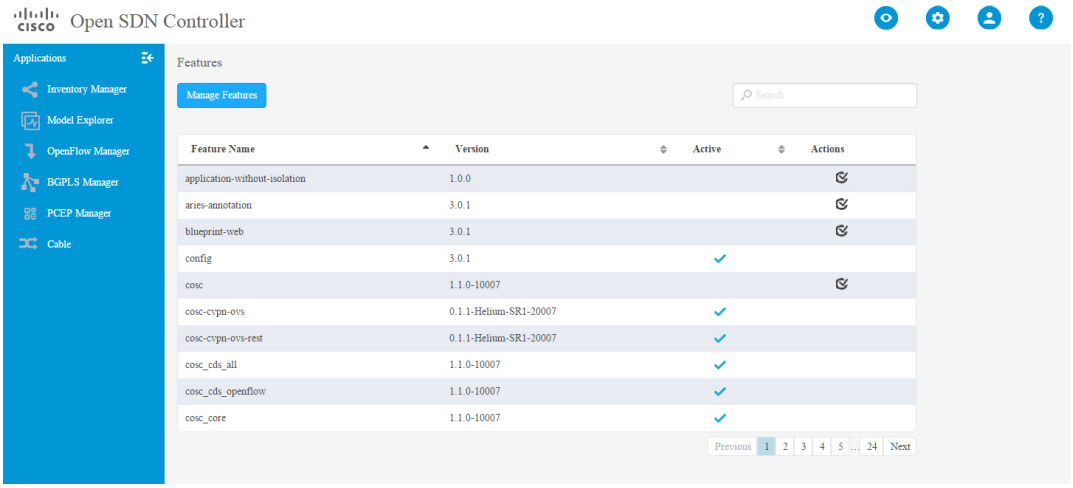
Step 6 After a short moment, the CMTS package is displayed as active.

Figure 9: CMTS Package Active



Step 7 Wait a moment and refresh the browser. The **Cable** tab is displayed on the navigation bar.

Figure 10: Cable Link



Step 8 Click the **Cable** tab, the landing page of the Cisco Cable SDN application is displayed as below:

Figure 11: Landing Page