



Configuring UCS Chassis Profiles

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About UCS Chassis Profile

Overview of a UCS Chassis Profile

A UCS Chassis profile enables to create and associate chassis policy to an Intersight Managed Mode (IMM) claimed chassis. When a chassis profile is associated to a chassis, Cisco Intersight automatically configures the chassis to match the configuration specified in the policies of the chassis profile. The chassis-related policies can be attached to the profile either at the time of creation or later.



Important

- The chassis profile feature is available in Cisco Intersight only if:
 - You have installed the Cisco Intersight Essentials License.
 - You are either an Account Administrator or Server Administrator.
- Policies that are attached to a chassis profile can be created ahead of creating a profile or during the creation of the profile.
- If chassis policies are changed after deployment, the chassis profile will be set in **Pending Changes** state and you must manually re-associate the changed policies to chassis.
- Chassis policies will be applied to both the input/output modules (IOMs) in a chassis. The chassis policies association workflow will get failed even if the policy cannot be applied to one of the IOMs.

Creating Chassis Profile Template and Deriving Profiles

Chassis profile templates enable you to define a template from which chassis profiles can be easily derived and deployed at scale. This method is particularly useful when you need a large number of chassis profiles that use the same set of policies. Any property modification made in the template is inherited by the derived

profiles. You can deploy these modified profiles individually. For more information, see [Chassis Profile Templates](#).

To create a chassis profile template and derive profiles:

1. Log in to Cisco Intersight.
2. From the **Service Selector** drop-down list, select **Infrastructure Service**.
3. Navigate to **Configure > Templates**, to launch the **Chassis Profile Template Table View**.
4. To create a chassis template, click **Create UCS Chassis Profile Template**.
5. On the General page:
 - a. Choose an Organization for the template from the list. This field supports the capability of configuration sharing across Organizations.
 - b. Enter a name for the template.
 - c. Enter a tag for the template. Tags must be in the key:value format. For example, Org: IT or Site: APJ.
 - d. Enter a description to help identify the template.
 - e. Click **Next**.
6. On the **Chassis Configuration** page, create or select an IMC Access policy, Power policy, SNMP policy, and Thermal policy, and then click **Next**.
7. On the **Summary** page:
 - a. Review the details of the template and the policies attached to it.
 - b. If you opt to derive the profiles later, click **Close**. To derive the profiles from this template, click **Derive Profiles**.
8. To derive a template:
 - a. In the **General** page:
 1. Under **Chassis Assignment**, assign the template to multiple chassis.
You can choose any of the following options for the chassis assignment:
 - **Assign now**—Use this option to immediately assign a chassis to the chassis profile.
 - **Assign later**—Use this option to assign a chassis to the chassis profile at a later time.
 2. In the **Number of Profiles to derive** field, enter the number of profiles you want to derive.
 - b. On the **Details** page, you can view and edit the description, tag, and auto-generated names of the profiles, and then click **Next**.
 - c. On the **Summary** page, review the chassis profile template configuration, and then click **Derive Profiles**.

The table view displays the list of chassis templates and their details.

Creating a Chassis Profile

A Chassis Profile configures a chassis through reusable policies.

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- Step 1** Log in to Cisco Intersight with your Cisco ID and select admin role.
 - Step 2** Navigate to **Profiles > Chassis Profiles** tab and click **Create UCS Chassis Profile**.
 - Step 3** On the **General** page, select the organization and enter a name for your profile. Optionally, include a short description and tag information to help identify the profile. Tags must be in the key:value format. For example, Org: IT or Site: APJ.
 - Step 4** On the **Chassis Assignment** page, assign a chassis to the **Chassis Profile**. You can also click **Assign Later** and assign a chassis to the chassis profile later.
 - Step 5** Click **Next**.
 - Step 6** On the **Chassis Configuration** page, attach the required policies and click **Next**.
 - Step 7** On the **Summary** page, verify the details of the **UCS Chassis Profile** and the policies attached to it.
 - Step 8** Click **Deploy** to deploy the **UCS Chassis Profile** to the assigned Fabric Interconnect.
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UCS Chassis Profile Details

On the **UCS Chassis Profile Details** page, you can:

- Perform chassis profile **Actions**:
 - **Deploy**—Deploy the chassis profile on a Fabric Interconnect pair.
 - **Edit**—Edit the properties of the chassis profile.
 - **Unassign Chassis**—Unassign the chassis profile from the Fabric Interconnect pair.
- View the UCS Chassis profile **Details**:
 - **Status**—The status of deploying the Chassis profile on a Fabric Interconnect pair, such as:
 - **OK**
 - **Not Assigned**
 - **Not Deployed**
 - **Failed**
 - **Not Deployed Changes**
 - **Name**—The chassis profile name.
 - **Chassis**—The chassis details.
 - **Last Update**—The date and time that the chassis profile was last updated.
 - **Description**—The description of the chassis profile.

- **Organization**—The selected organization is displayed. Click **default** to set a default organization.
- **Tags**—The existing tags for the selected object are displayed by default. Click **Set** to add new tags or modify the existing ones.
- View the **Policies** that are attached to the chassis profile.