Cloud-delivered Cisco Catalyst SD-WAN Getting Started Guide

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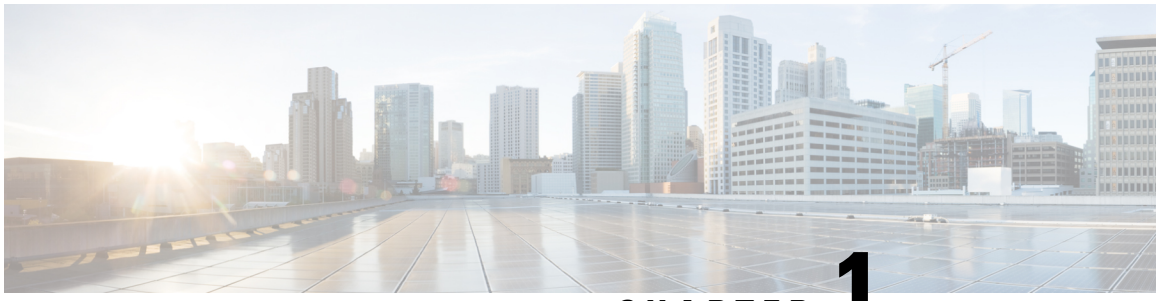

CHAPTER 1

Cloud-delivered Cisco Catalyst SD-WAN Getting Started Guide

Note To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage** to **Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics** to **Cisco Catalyst SD-WAN Analytics**, **Cisco vBond** to **Cisco Catalyst SD-WAN Validator**, **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers** to **Cisco Catalyst SD-WAN Control Components**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

Cloud-delivered Cisco Catalyst SD-WAN is a platform for Cisco Catalyst SD-WAN services that reduces and simplifies operational tasks for your Cisco Catalyst SD-WAN fabric. With this platform, you can deploy the Cisco Catalyst SD-WAN fabric, managing only Edge devices and the Edge network, while Cisco owns almost all the operational responsibilities for the fabric. Cloud-delivered Cisco Catalyst SD-WAN provides flexible cloud consumption, operational simplicity, and the comprehensive analytics features that are part of Cisco Catalyst SD-WAN.

Cloud-delivered Cisco Catalyst SD-WAN is ideal for small-sized or medium-sized businesses and enterprises that have limited network resources and want to limit the operational burdens of running the Cisco Catalyst SD-WAN fabric.

This document describes the initial setup and configuration procedures for cloud-delivered Cisco Catalyst SD-WAN. Perform these procedures from the Cisco Catalyst SD-WAN Portal, which provides options for creating and accessing management tools for fabrics in cloud-delivered Cisco Catalyst SD-WAN.

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- Create a Fabric in the Cisco Catalyst SD-WAN Portal, on page 2
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Prerequisites for Cloud-delivered Cisco Catalyst SD-WAN

- An active Cisco Smart Account.

- An active Cisco Virtual Account.
- The SA-Admin role for your Cisco Smart Account. (Required to access the Cisco Catalyst SD-WAN Portal for the first time and to create a fabric. Not required thereafter.)
- A valid order for cloud-delivered Cisco Catalyst SD-WAN on Cisco Commerce (formerly CCW).

Create a Fabric in the Cisco Catalyst SD-WAN Portal

1. In your web browser, enter the following URL to access the Cisco Catalyst SD-WAN Portal:

   https://ssp.sdwan.cisco.com

2. Follow the prompts to log in with your Cisco Connection Online user name and password, and authenticate.

   The **Cisco Catalyst SD-WAN Portal Dashboard** appears.

3. Click **Create Fabric**.

4. In the **Create Fabric** page, perform these actions:

   a. From the **Smart Account** drop-down list, choose the name of your Cisco Smart Account.

   b. From the **Virtual Account** drop-down list, choose the name of your Cisco Virtual Account.

   c. In the **Fabric** field, enter a name for the fabric.

   d. From the **Location** drop-down list, choose the location where the fabric will be spun up.

   e. In the **Fabric Admin** field, enter the Cisco Connection Online email address or mailer list name of the administrator of the fabric.

      The Cisco Catalyst SD-WAN Portal sends notifications about the fabric to this email address or mailer list.

   f. Click **Click here to review and agree to Terms & Conditions before proceeding**, and in the **Terms and Conditions** dialog box, review the information that is shown, and click **I Agree**.

   g. Click **Create Fabric**.

      The system creates the fabric. This process can take up to 60 minutes. Information about the progress of this process appears in the **Create Fabric Progress** area.

      After the fabric is created, it appears as a tile in the Cisco Catalyst SD-WAN Portal **Dashboard** window and you can manage it from the Cisco Catalyst SD-WAN Portal.

Add User Roles

A user who creates a fabric is automatically given the Admin role for that fabric. This user can then configure user roles for other users.

A user's role defines which Cisco Catalyst SD-WAN Manager features the user has read-only access to, and which features the user has read and write access to.

Note Before you can add a role for a user, the user must have an account in Cisco Connection Online.

1. Log in to the Cisco Catalyst SD-WAN Portal as a user with the Admin role for the fabric.
2. Click **View Details**.
3. In the **Fabric Details** page, click **User Role**.
4. Click **Add User Role**.
5. In the **User Email ID** field, enter the Cisco Connection Online email address for whom you are adding a role.
6. From the **Role** drop-down list, choose the user group to which this user should belong.

   User groups are configured in Cisco Catalyst SD-WAN Manager. A user group specifies which features the users in the group have read-only access to, and which features the users have read and write access to.
7. Click **Add**.

Access Cisco Catalyst SD-WAN Manager

Cisco Catalyst SD-WAN Manager provides options for configuring, managing, and monitoring a fabric. Any user with a user role that has been added to the Cisco Catalyst SD-WAN Portal can access Cisco Catalyst SD-WAN Manager.

1. Log in to the Cisco Catalyst SD-WAN Portal.

   This login provides single sign-on authentication for the Cisco Catalyst SD-WAN Portal and Cisco Catalyst SD-WAN Manager.
2. Perform either of these actions for the fabric whose Cisco Catalyst SD-WAN Manager you want to access:
   - Click the tile for the fabric.
   - Click **View Details** and then click **Manage Fabric**.

   The Cisco Catalyst SD-WAN Manager **Dashboard** page for the fabric appears.

To exit the Cisco Catalyst SD-WAN Center and return to the Cisco Catalyst SD-WAN Portal, choose **SD-WAN Portal** from the Cisco Catalyst SD-WAN Manager menu.

Access Cisco Catalyst SD-WAN Analytics for a Fabric

Cisco SD-WAN Analytics provides information about device behavior, traffic, and related activities in your fabric.

1. Log in to the Cisco Catalyst SD-WAN Portal as a user with the Admin role for the fabric and navigate to the Cisco Catalyst SD-WAN for that fabric.

2. From the Cisco Catalyst SD-WAN menu, choose **Analytics** > **Overview**.

For more information, see Cisco Catalyst SD-WAN Analytics.