

Export and Import Cisco SD-WAN ManagerConfigurations

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Export and import Cisco SD-WAN Manager configurations

Table 1: Feature history



Export and import Cisco SD-WAN Manager configurations

Cisco SD-WAN Manager export and import configurations is a capability that

- exports configuration files containing configuration group, policy group, or topology information, and
- imports a configuration file to a Cisco SD-WAN Manager instance to load configurations.

The file format is .tar.gz.

Benefits of export and import Cisco SD-WAN Manager configurations

- Share configuration across a network.
- Achieve consistency in configuring Cisco SD-WAN edge devices across different Cisco SD-WAN fabrics.

Prerequisites for export and import Cisco SD-WAN Manager configurations

Familiarity with Configuration Groups and Policy Groups in Cisco SD-WAN Manager.

Restrictions for exporting and importing Cisco SD-WAN Manager configurations

- When a configuration file import encounters a name clash with existing config groups, policy groups, or topology in the Cisco SD-WAN Manager, it triggers an error on the task-list page, aborts the import, and the reason for the error is displayed. Edit the conflicting entities in the existing config groups, policy groups, or topology to rename.

  You can also create a copy using the Cisco SD-WAN Manager before attempting to reimport.
- When importing a configuration file into a Cisco SD-WAN Manager with existing feature profiles that have matching names, the Cisco SD-WAN Manager automatically omits the conflicting profiles from the import and retains the pre-existing configurations, ensuring no overwriting occurs.

Cisco SD-WAN Manager configuration export and import use cases

Use cases

The following use cases apply to configuration export and import operations:

- When you expand your network to include new branch offices or remote sites, export a working configuration from an existing Cisco SD-WAN Manager and import it into another Cisco SD-WAN Manager .
- Export a working configuration from a Cisco SD-WAN Manager and import the configuration to another Cisco SD-WAN Manager for quicker deployments.
- In a multitenant environment, the tenants receive the exported configurations from the provider and can import them into their respective environments. The tenants can rapidly apply standardized configurations provided by the provider, ensuring consistency across their network devices and services. This facilitates a uniform network management approach and aids in maintaining alignment with predefined policies and security protocols. For more information, see Overview of Cisco SD-WAN Multitenancy .

Export Cisco SD-WAN Manager configurations

Procedure

Step 1 From the Cisco SD-WAN Manager menu, choose **Configuration** > **Configuration Groups** or **Configuration** > **Policy Groups** or **Configuration** > **Topology**.

Step 2 Click **Export**.

Step 3 Depending on your choice in step 1, perform one of these actions:

In the **Configuration Group** tab, choose the configuration groups to export.

In the **Policy Group** tab, choose the policy groups that you'd like to export.

In the **Topology** tab, choose the topologies that you'd like to export.

Note
You can select multiple configuration groups, policy groups, and topologies from each of the tabs. For example, you can choose two configuration groups from the **Configuration Group** tab, navigate to the **Policy Group** tab and choose two policy groups. You can export the configurations together as a single configuration.

Step 4 Click **Export**.

The configurations are downloaded to your local storage as a .tar.gz file.

Import Cisco SD-WAN Manager configurations

Procedure

Step 1 From the Cisco SD-WAN Manager menu, choose **Configuration** > **Configuration Groups** or **Configuration** > **Policy Groups** or **Configuration** > **Topology**.

Step 2 Click **Import**.

Step 3 Navigate to the file location of the .tar.gz file to import and click **Import**.

Cisco SD-WAN Manager imports the file and loads the configuration.