



Migrate Shared Templates to Cisco IOS XE Catalyst SD-WAN Templates

Overview

In Cisco vManage 20.1.1, support is added for additional feature templates exclusively for Cisco IOS XE Catalyst SD-WAN devices.

In releases before Cisco vManage 20.1.1, when you created a template for both Cisco vEdge and Cisco IOS XE Catalyst SD-WAN devices, the same template is shared for both device types. For these templates, the configuration is specified using Cisco vEdge commands. If the template is then used with a Cisco IOS XE device, the configuration was converted for Cisco IOS XE devices. Due to this conversion of Cisco vEdge commands, some functionality was not available for Cisco IOS XE Catalyst SD-WAN devices. For example, NAT DIA.

In these releases, there are two types of shared templates:

- Shared feature templates: If you specify a Cisco IOS XE Catalyst SD-WAN device when creating a feature template, a shared feature template is created.
- Shared device templates: A device template that contains a shared feature template.

In Cisco vManage 20.1.1 and onwards, feature templates have been separated for Cisco vEdge devices and Cisco IOS XE Catalyst SD-WAN devices. These feature templates that are exclusively created for Cisco IOS XE Catalyst SD-WAN devices enable support for additional features. To use these feature templates, you can migrate your shared feature templates to the exclusive templates.

List of Migrated Templates

The following table lists the shared templates and their corresponding exclusive templates for Cisco IOS XE Catalyst SD-WAN devices available in Cisco vManage 20.1.1 and onwards.



Note The AAA feature template is not supported with the exclusive Cisco IOS XE Catalyst SD-WAN device feature templates.

If your existing template contains an AAA feature template, you can replace it either before migration or after migration:

- Before migration—Replace it with the AAA-Cisco template that was introduced in 19.1.
- or
- After migration—After the migration is complete, manually create a Cisco AAA template and attach it to your device template.

Shared Feature Template	Shared Template Type	Exclusive Cisco IOS XE Catalyst SD-WAN Device Feature Template	Exclusive Cisco IOS XE Catalyst SD-WAN Device Feature Template Type
Banner	banner	Cisco Banner	cisco_banner
BFD	bfd-vedge	Cisco BFD	cisco_bfd
BGP	bgp	Cisco BGP	cisco_bgp
DHCP Server	dhcp-server	Cisco DHCP Server	cisco_dhcp_server
Logging	logging	Cisco Logging	cisco_logging
NTP	ntp	Cisco NTP	cisco_ntp
OMP	omp-vedge	Cisco OMP	cisco_omp
OSPF	ospf	Cisco OSPF	cisco_ospf
Security	security-vedge	Cisco Security	cisco_security
SNMP	snmp	Cisco SNMP	cisco_snmp
System	system-vedge	Cisco System	cisco_system
VPN Interface GRE	vpn-vedge-interface-gre	Cisco VPN Interface GRE	cisco_vpn_interface_gre
VPN Interface IPsec	vpn-vedge-interface-ipsec	Cisco VPN Interface IPsec	cisco_vpn_interface_ipsec
VPN Interface Ethernet	vpn-vedge-interface	Cisco VPN Interface Ethernet	cisco_vpn_interface
VPN	vpn-vedge	Cisco VPN	cisco_vpn

Migrate Shared Templates

You can continue using the older shared templates, however the shared templates may not have access to the latest features. We recommend migrating existing templates to enable access to the latest features. For example, if you are using the `VPN Interface Ethernet` shared template, the template still continues to work. However to use new features, such as NAT DIA, you must migrate to the exclusive feature template called `Cisco VPN Interface Ethernet`.

Migrate Shared Templates Using the Cisco SD-WAN Manager Migration Tool

Prerequisites:

- At least one Cisco IOS XE Catalyst SD-WAN device template should exist with shared Cisco IOS XE Catalyst SD-WAN device feature templates attached prior to upgrading to Cisco vManage 20.1.1 or higher.

To migrate existing shared templates using Cisco SD-WAN Manager, perform the following steps:

1. From the Cisco SD-WAN Manager menu, choose **Tools > Template Migration**.
2. Click **Migrate All Templates**.
3. Enter a prefix for the new migrated templates. For example `Migrated_`. All migrated templates are prefixed with this identifier.
4. To migrate the templates, click **OK**.
5. Once the migration begins, click **Tasks** to track the status of the migration.
6. Once the migration is complete, you must manually attach the migrated templates to your devices. For each of the migrated templates, click **...** and choose **Attach Devices to Migrated Template**.

