



Configuring VLAN Trunking Protocol

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About VTP

VLAN Trunking Protocol (VTP) reduces the administration in a switched network. When you configure a new VLAN on one VTP server, the VLAN is distributed through all switches in the domain, which reduces the need to configure the same VLAN everywhere.

In Cisco UCS Director, VTP configuration is supported on the following Cisco network devices:

- Cisco Nexus 3000 Series switches
- Cisco Nexus 5000, 5500, and 5672 Series switches
- Cisco Nexus 6000 Series switches
- Cisco Nexus 7000 Series switches
- Cisco Nexus 9300 and 9500 Series switches



Note

For more detailed information about VTP and configuration guidelines for VTP, see the [Cisco NX-OS Software Configuration Guides](#).

Configuring VTP

You can enable or disable the VLAN Trunking Protocol (VTP) to relay VTP packets on a network.



Note

Ensure that you are in the correct virtual device context (VDC). VLAN names and IDs can be repeated in different VDCs, so you must verify that you are working in the correct VDC.

Step 1 Choose **Physical > Network**.

- Step 2** On the **Network** page, choose the pod.
- Step 3** Select the network device to be configured.
- Step 4** Click **VTP Status**.
- Step 5** Select the VTP to be configured.
- Step 6** Click **Configure VTP**.
- Step 7** In the **Configure VTP** screen, complete the required fields, including the following:

Name	Description
Enable VTP Feature check box	Check this check box to enable VTP.
Domain Name field	The name of the VTP domain that you want this switch to join.
VTP version drop-down list	Choose either VTP version 1 or 2 . Note If you are using VTP in a Token Ring environment, you must use version 2.
File Name field	The filename.
Password field	The password.
VTP mode drop-down list	Choose one of the following VTP modes: Client , Server , Transparent , or Off . Note By default, the VTP mode is set as Transparent for the Cisco Nexus 9300 Series switches.
Copy Running configuration to Startup configuration check box	Check this check box to copy the running configuration to the startup configuration.

- Step 8** Click **Submit**.