
Configure Access and Trunk Interfaces in Concerto

 For supported software information, click [here](#).

You can configure access and trunk interfaces on an appliance. Access ports link to end devices, and trunk ports link to other switches. In access mode, a Layer 2 interface can have only one VLAN ID, while in trunk mode, a Layer 2 interface can have multiple VLAN IDs and VLAN ID ranges.

Releases 11.4.1 and later support both access and trunk modes. Releases 11.3.2 and earlier support access mode only.

To configure Layer 2 interface modes:

1. In Tenant view, go to Configure > Profile Elements > Policy Elements > Device > Interface.

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

Security Service Edge

Secure SD-WAN

Profiles

Profile Elements

Search...

> Policies | 7

Policy Elements | 5

Device | 4

Interface | 3

Radio | 1

> Network Services | 0

> VPN Elements | 1

> Rules | 2

> Elements | 32

2. Click + Interface in the Interface screen.

View

Configure

Deploy

Policy Elements: Device : Interface 3

+ Interface

Search...

L2-6

Version 1

Interface	Category	Location
Enabled	LAYER 2 Wired	vni-0/12
Interface Mode	VLAN IDs	
TRUNK	1000, 1001, 2000-2020	

L2-7

Version 1

Interface	Category	Location
Enabled	LAYER 2 Wired	vni-0/12
Interface Mode	VLAN ID	
ACCESS	1000	

3. In the Create Interface screen, select the General tab, and then enter information for the following fields.

Create Interface

V1

General

Permissions

Name

L2-1

Version 1

Description

Type

Physical

☐ Virtual

Enabled

☒

Category

LAYER 2

Sub Category

Wired

Location

Interface Mode

ACCESS

VLAN ID

1-4094

ACCESS

TRUNK

Link

Speed

Auto

Mode

AUTO_DUPLEX

MTU

72-9000

Tags

Cancel

Next

Field	Description
Name	Enter a name for the Layer 2 interface.
Type	Select Physical as the interface type.
Enabled	Click the slider bar to Enabled to enable the interface.
Category	Select Layer 2.
Subcategory	<p>Select a Layer 2 interface category:</p> <ul style="list-style-type: none"> ◦ AE ◦ AE Subinterface ◦ Wired ◦ Wireless (not supported for access or trunk interfaces)
Location	Select a VNI interface, or enter a parameterized name, such as \$Location.
Interface Mode	<p>Select the interface mode:</p> <ul style="list-style-type: none"> ◦ Access ◦ Trunk (for Releases 11.4.1 and later)
VLAN ID	<p>For access mode, select a VLAN ID from 1 through 4094.</p> <p>For Trunk mode, select one or more VLAN IDs and multiple VLAN ID ranges, s</p> <p>Note that if you enter VLAN IDs, you cannot also select an IRB interface.</p>
Link (Group of Fields)	
<ul style="list-style-type: none"> ◦ Speed 	<p>Select a link speed:</p> <ul style="list-style-type: none"> ◦ Auto ◦ 10 Mbps ◦ 100 Mbps ◦ 1 Gbps ◦ 10 Gbps ◦ 40 Gbps ◦ 100 Gbps

Field	Description
<ul style="list-style-type: none"> Mode 	Select a duplex mode: <ul style="list-style-type: none"> Auto duplex Full duplex Half duplex
<ul style="list-style-type: none"> MTU 	Enter the maximum transmission unit (MTU). You can also parameterize this field. <i>Range:</i> 72 through 9000 <i>Default:</i> None

- Click Next, or click the Permissions tab and then revise the permissions.
- Click Save.

Supported Software Information

Releases 10.2.1 and later support all content described in this article, except:

- Release 11.4.1 adds support for trunk interface mode.

Additional Information

[Configure Profiles](#)