

Assign New WAN Interfaces to SD-WAN Connections

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

After you create a new SD-WAN interface, you must add it as a WAN transport interface so that VOS devices can use it for SD-WAN connections. You can use following interface types as WAN interfaces:

- DSL with PPPoE
- LTE
- PPPoE over Ethernet
- T1/E1
- Tunnel virtual interface (TVI)
- Virtual network interface (VNI)

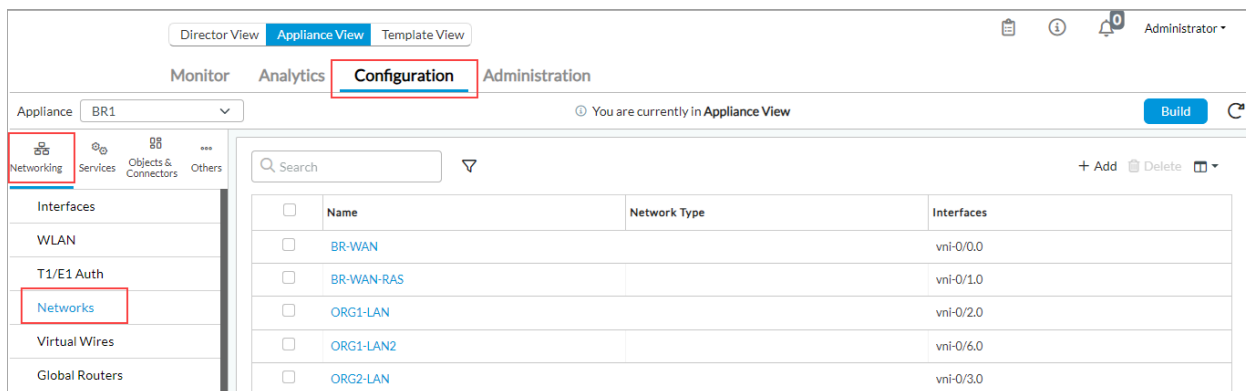
When you add a newly created interface to the SD-WAN as a WAN transport interface, you can do this in the device template, or you can go to Build mode to add the interface directly to a VOS device.

To add a new interface as a WAN transport interface, you do the following:


1. Create a network for the new SD-WAN interface.
2. Add the network to a zone so that traffic on it is accepted after you enable firewall functionality.
3. Add the network to a provider-level organization.
4. Add the new interface to an SD-WAN site configuration.

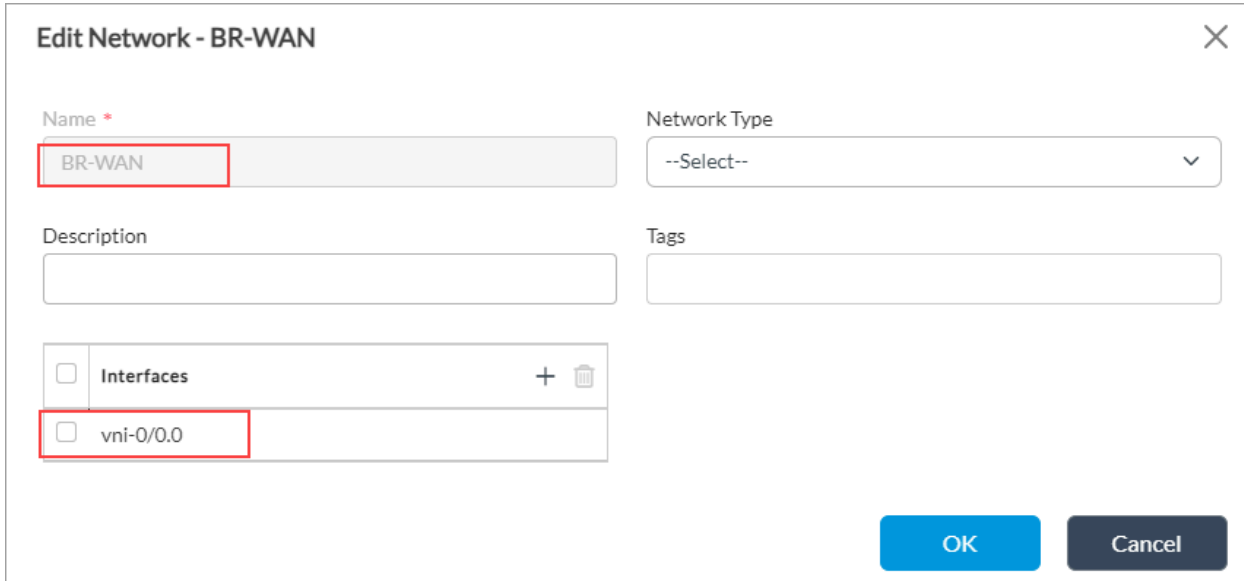
To add a new interface to the SD-WAN:

1. In Appliance view, select Networking > Networks in the left menu bar.



<input type="checkbox"/>	Name	Network Type	Interfaces
<input type="checkbox"/>	BR-WAN		vni-0/0.0
<input type="checkbox"/>	BR-WAN-RAS		vni-0/1.0
<input type="checkbox"/>	ORG1-LAN		vni-0/2.0
<input type="checkbox"/>	ORG1-LAN2		vni-0/6.0
<input type="checkbox"/>	ORG2-LAN		vni-0/3.0

- Click the  Add icon to create a network for the newly created SD-WAN interface. The Add Network popup window displays.
- In the Name field, enter a name for the network, and in the Interfaces table, select or add the newly created interfaces. For example:





Edit Network - BR-WAN

Name *

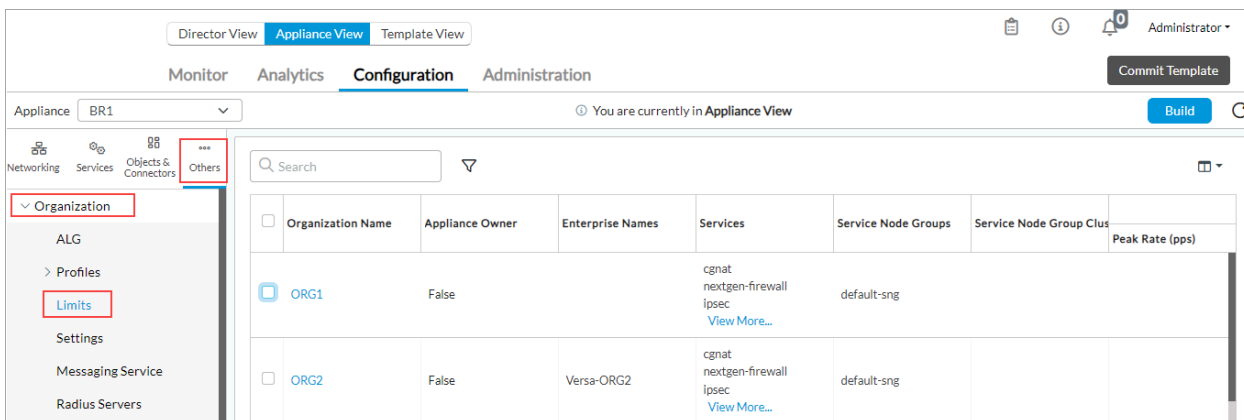
Network Type

Description

Tags

<input type="checkbox"/>	Interfaces		
<input type="checkbox"/>	vni-0/0.0		

- Click OK.
- Create a new zone and assign the newly created network to it. If you do not create a zone, all traffic is blocked after you enable any firewall functionality. For more information, see [Configure Zones and Zone Protection Profiles](#).
- Select Others > Organization > Limits to add or edit the newly created network to the provider-level organization.



Director View **Appliance View** Template View

Monitor Analytics **Configuration** Administration

Appliance You are currently in Appliance View

Networking Services Objects & Connectors **Others**

Organization

- ALG
- > Profiles
- Limits**
- Settings
- Messaging Service
- Radius Servers

<input type="checkbox"/>	Organization Name	Appliance Owner	Enterprise Names	Services	Service Node Groups	Service Node Group Clus	Peak Rate (pps)
<input checked="" type="checkbox"/>	ORG1	False		cgnat nextgen-firewall ipsec View More...	default-sng		
<input type="checkbox"/>	ORG2	False	Versa-ORG2	cgnat nextgen-firewall ipsec View More...	default-sng		

- Select an organization to edit the limit for provider-level organization. The Edit Organization Limit popup window displays.

Edit Organization Limit - ORG1

General

Traffic Identification

Resources

Services

QoS

☐ Interfaces

+

☐ ptvi4

☐ tvi-0/605.0

☐ Networks

+

☐ ORG1-LAN

☐ ORG1-LAN2

OK

Cancel

8. Click OK.
9. Select Services > SD-WAN > System > Site Configuration to add the new interface to the SD-WAN site configuration so that the system can recognize it as a WAN interface for SD-WAN.

Director View
Appliance View
Template View

Administrator

Monitor
Analytics
Configuration
Administration

Appliance
BR1
You are currently in Appliance View
Build

Networking
Services
Objects & Connectors
Others

SDWAN

Application Detection
SLA Profiles
Forwarding Profiles
Path Policies
Traffic Engineering
Policies
System
Adaptive Shaping
Transport Domain
Site Config

Site Config

Type : branch

Chassis ID : abc1

Paired Site Location ID :


Site ID : 101

Provider Org : Provider-ORG

Hot Standby : ☐

WAN Interfaces

VNI Interface	Public IP Address	Transport Domain	Interval	IPv4
vni-0/0.0		Internet		BR-WAN
vni-0/1.0		Internet		BR-WAN-RAS

10. In the Site Configuration pane, click the  Edit icon, and in the Edit Site Configuration popup window, select the provider or tenant organization, add the new interface to the WAN Interfaces table, and then click OK.

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

[Configure Basic Features](#)

[Configure Interfaces](#)

[Configure WWAN](#)