

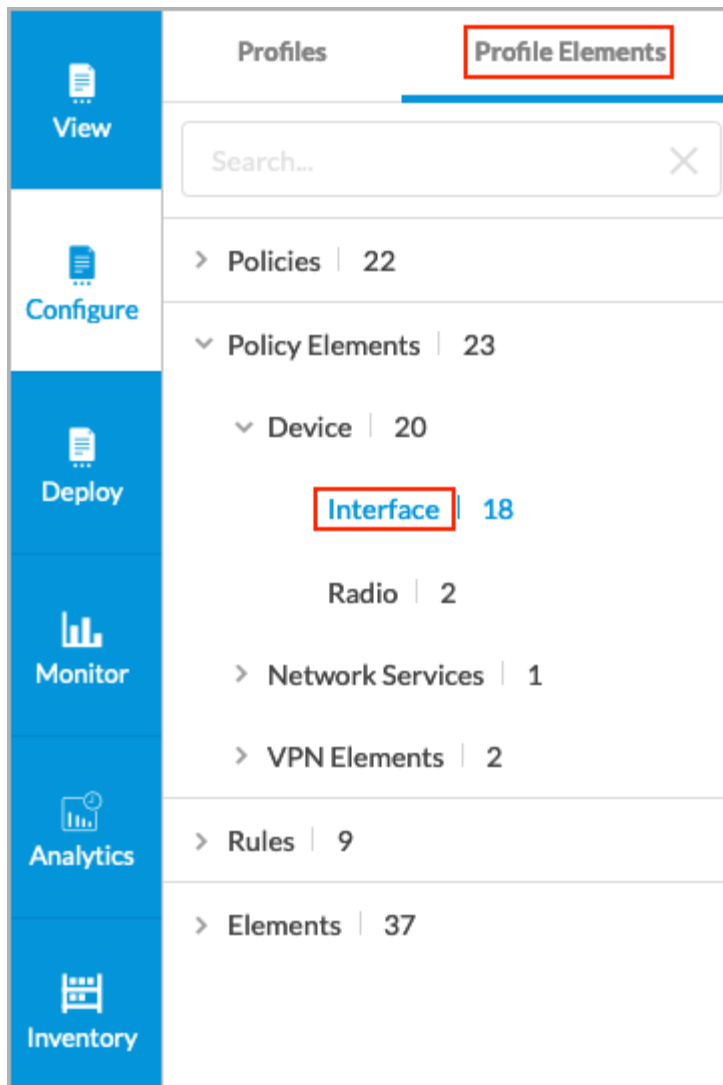
Configure IPv6 on Concerto

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

You can add IPv6 to both WAN and LAN interfaces in Concerto. The configuration procedure for the two interface types is different.

Configure IPv6 on WAN Interfaces

1. Go to Configure > Profile Elements > Policy Elements > Device > Interface.



The main pane displays the configured interface policy elements.

Policy Elements: Device : Interface | 13

+ Interface

Search...

NAME	TYPE	VERSI...	INTERFACE	CATEGORY	CONNECTION NAME	IPV4 ADDRESS	IPV6 ADDRESS	VARIABLES	LAST MODIFIED	
Copy_of_ddd	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			2/22/2022, 7:44:00 PM admin	
ddd	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/11/2021, 12:47:17 AM admin	
bbd	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/11/2021, 12:46:53 AM admin	
fqw	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 5:43:56 PM admin	
Copy_of_bdv	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 5:38:59 PM admin	
fge	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 5:37:50 PM admin	
bdv	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 5:35:21 PM admin	
fff	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 4:07:26 PM admin	
fwd	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 4:06:54 PM admin	
ggs	Physical	1	Enabled	WAN Wired	Internet-1	DHCP			12/1/2021, 4:02:29 PM admin	
Showing 1-10 of 13 entries 10 rows ▾										< Previous 1 2 Next >

2. Select a WAN interface. The Edit Interface screen displays.
3. Select the Connection tab.

Edit Interface

ddd.v1

General

Connection

QoS

Permissions

Connection Type

Broadband

Connection Name

Internet-1

Uplink Bandwidth (Kbps)

Downlink Bandwidth (Kbps)

Address

IPv4 Interfaces

STATIC

☒ DHCP

IPv4 Address automatically assigned

Add IPv6 Address

> Static Routes

Monitor

Enable

☐

Gateway

Close

Next

- Click Add IPv6 Address.
- Use the slider to select Static or DHCP. If you select DHCP, the Versa Operating System™ (VOS™) device automatically obtains the IPv6 address of the interface from the DHCP server.

https://docs.versa-networks.com/Secure_SD-WAN/02_Configuration_from_Concerto/Secure_SD-WAN_Configuration/Config...

Updated: Wed, 23 Oct 2024 08:04:53 GMT

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IPv6 Interfaces

STATIC

☒
DHCP

IPv6 Address automatically assigned

- If you select Static, enter the IPv6, next-hop, primary DNS, and secondary DNS addresses. The DNS server IP addresses are optional.

IPv6 Interfaces

STATIC

☐
DHCP

IPv6 Address

Nexthop

Primary DNS

Secondary DNS

Static Routes

Add IPv6 Routing

> Routing Protocol

> Monitor

- To create IPv6 static routes that are reachable through the interface, click Static Routes and then click Add IPv6 Routing.
- Enter the destination IPv6 prefix, a preference value from 0 through 255, and a next-hop IPv6 address.

Static Routes

IPv6 Routing

Destination

Preference

Nexthop

1

Add Another

- Click Next, or select the Permissions tab to customize permissions on the interface.
- Click Save.

Configure IPv6 on LAN Interfaces

1. Go to Configure > Profile Elements > Policy Elements > Device > Interface. The main pane displays the configured interface policy elements.
2. Select a LAN interface. Edit Interface screen displays.
3. Select the Address and Routing tab.
4. Under the Address heading, click Add IPv6 Address.

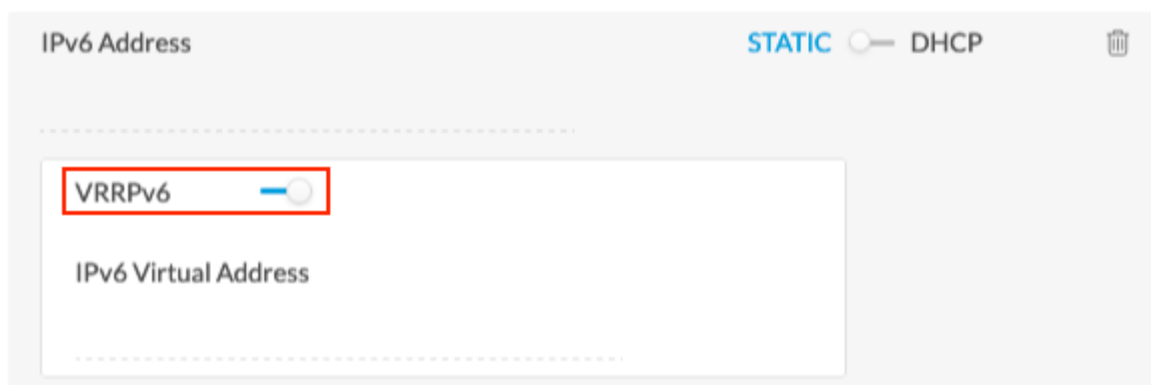
The screenshot shows the 'Edit Interface' configuration page for 'LAN-1.v1'. The 'Address and Routing' tab is selected and highlighted with a red box. Under the 'Address' heading, there is a section for 'IPv4 Address' with a 'STATIC' radio button selected and a 'DHCP' radio button. Below this is a text field labeled '\$LAN-1-Address'. There are also 'DHCP Relay' and 'VRRP' checkboxes, both of which are unchecked. Below the IPv4 section, there is a red box around the 'Add IPv6 Address' button. Below this button, there is a section for 'Guest Interface' with an unchecked checkbox and a 'VPN Name' dropdown menu set to 'One-Enterprise'. At the bottom, there are expandable sections for 'Static Routes' and 'Routing Protocol'.

5. Use the slider to select Static or DHCP. If you select DHCP, the VOS device automatically obtains the IPv6 address of the interface from the DHCP server.

This screenshot shows a close-up of the 'IPv6 Address' configuration section. It features a 'STATIC' radio button and a 'DHCP' radio button, with the 'DHCP' button selected. To the right of the radio buttons is a trash icon. Below the radio buttons, the text 'IPv6 Address automatically assigned' is displayed.

6. If you select Static, you are prompted to enter the following information:
 - a. Use the slider bar to enable VRRPv6.

- b. Under IPv6 Virtual Address, enter an IPv6 address.



IPv6 Address

STATIC — DHCP

VRRPv6 ☐

IPv6 Virtual Address

7. Click Next, or select the Permissions tab to customize permissions on the interface
8. Click Save.

To create an address group and configure IPv6 addresses for the addresses in the group:

1. Go to Configure > Profile Elements > Elements > Endpoint > Address Group.

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

Profiles

Profile Elements

Search...

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Services | 1

Time Interval | 2

LAN Zone | 2

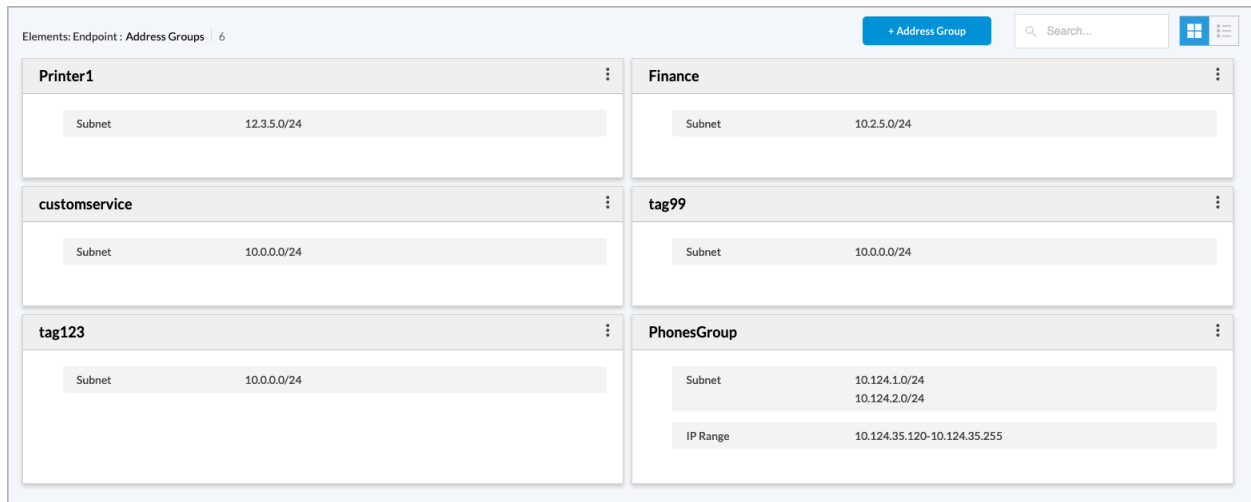
> Monitor | 2

> QoS | 5

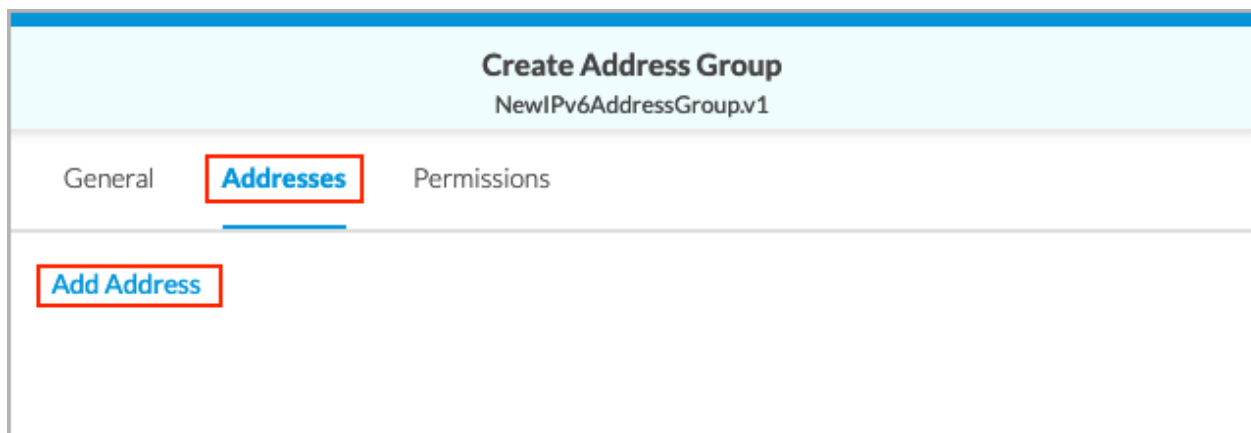
> Servers | 3

VPN Name | 4

The main pane displays all configured address groups.



2. Click + Address Group. The Create Address Group screen displays.
3. Enter a name for the address group, and then select the Addresses tab.



4. Click Add Address.

The screenshot shows a web interface titled "Create Address Group" with the subtitle "NewIPv6AddressGroup.v1". There are three tabs: "General", "Addresses" (which is active and underlined), and "Permissions". In the "Addresses" tab, there is a list of address entries. The first entry has a "Type" dropdown menu set to "IPv6 Subnet", which is highlighted by a red rectangular box. To the right of the dropdown is a trash icon. Below the list of entries is a blue button labeled "Add Address".

5. In the Type field, select IPv6 Subnet, and then enter an IPv6 address and a subnet mask
6. Click Next, or select the Permissions tab to customize permissions.
7. Click Save.

Supported Software Information

Releases 10.2.1 and later support all content described in this article.

Additional Information

[Versa Concerto Overview](#)