

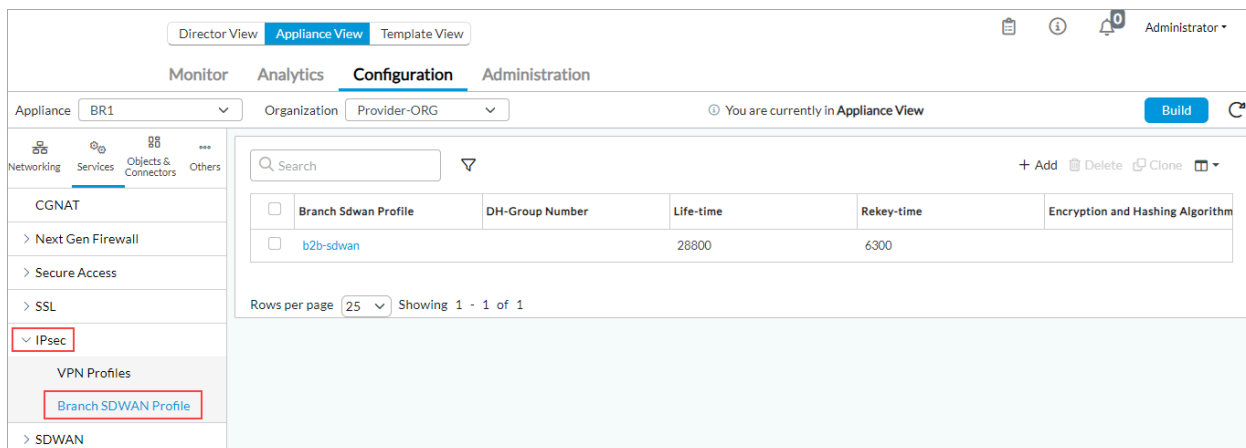
## Configure a Branch SD-WAN Profile

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

When you configure IPsec VPN profiles with a Branch SD-WAN VPN type, you associate a branch SD-WAN profile with the VPN.

To configure a branch profile:

1. In Director view:
  - a. Select the Configuration tab in the top menu bar.
  - b. Select Devices > Devices in the left menu bar.
  - c. Select an organization in the left menu bar.
  - d. Select a device in the dashboard. The view changes to Appliance view.
2. Select the Configuration tab in the top menu bar.
3. Select Services > IPsec > Branch SD-WAN Profile in the left menu bar.



The screenshot shows the Versa Networks configuration interface. At the top, there are tabs for Director View, Appliance View (selected), and Template View. Below these are tabs for Monitor, Analytics, Configuration (selected), and Administration. The left sidebar shows a hierarchy: Networking > Services > Objects & Connectors > Others. Under 'Others', there is a section for 'VPN Profiles' with a sub-item 'Branch SDWAN Profile' highlighted. The main content area shows a table with the following data:

Branch Sdwan Profile	DH-Group Number	Life-time	Rekey-time	Encryption and Hashing Algorithm
<input type="checkbox"/> b2b-sdwan		28800	6300	

Below the table, it says 'Rows per page 25 Showing 1 - 1 of 1'. At the bottom right of the main content area, there is a '+ Add' icon and a 'Build' button.

4. Click the  Add icon. In the Add Branch SD-WAN Profile popup window, enter information for the following fields.

Add Branch SDWAN Profile

✕

Profile Name \*

Transform

esp-aes128-gcm

▼

Transform Set

esp-3des-md5

▼

DH Group

Diffie-Hellman Group 19 - 256 bit elliptic curve

▼

DH Group Set

Select options

▼

Life Time (seconds)

28800

Rekey Time (seconds)

28000

☐ Key Server

Key Server Name

--Select--

▼

OK

Cancel

Field	Description
Profile Name	Enter a name for the profile.
Transform	Select the cryptographic algorithm used in IKE IPsec encryption and decryption.
Transform Set	Select the transform set to be used for protection of data.
DH Group	<p>Select the Diffie-Hellman (DH) group to determine the strength of the key used in the Diffie-Hellman key exchange process:</p> <ul style="list-style-type: none"> <li>◦ Diffie-Hellman group 1—768-bit modulus</li> <li>◦ Diffie-Hellman group 2—1024-bit modulus</li> <li>◦ Diffie-Hellman group 5—1536-bit modulus</li> <li>◦ Diffie-Hellman group 14—2048-bit modulus</li> <li>◦ Diffie-Hellman group 19—256-bit elliptic curve</li> <li>◦ Diffie-Hellman group 20—384-bit elliptic curve</li> <li>◦ Diffie-Hellman group 21—521-bit elliptic curve</li> <li>◦ Diffie-Hellman group 25—192-bit elliptic curve</li> <li>◦ Diffie-Hellman group 26—224-bit elliptic curve</li> </ul>
DH Group Set	<p>Select the Diffie-Hellman group set to determine the strength of the key used in the Diffie-Hellman key exchange process:</p> <ul style="list-style-type: none"> <li>◦ Diffie-Hellman group 1—768-bit modulus</li> <li>◦ Diffie-Hellman group 2—1024-bit modulus</li> <li>◦ Diffie-Hellman group 5—1536-bit modulus</li> <li>◦ Diffie-Hellman group 14—2048-bit modulus</li> <li>◦ Diffie-Hellman group 19—256-bit elliptic curve</li> <li>◦ Diffie-Hellman group 20—384-bit elliptic curve</li> <li>◦ Diffie-Hellman group 21—521-bit elliptic curve</li> <li>◦ Diffie-Hellman group 25—192-bit elliptic curve</li> <li>◦ Diffie-Hellman group 26—224-bit elliptic curve</li> </ul>
Life Time	<p>Enter how long the key is valid.</p> <p><i>Range:</i> 300 through 604800 seconds</p>

	<i>Duration: 7200 seconds</i>
Rekey Time	<p>Enter the time interval after which the secret key is regenerated.</p> <p><i>Range: 240 through 604800 seconds</i></p> <p><i>Duration: 6300 seconds</i></p>
Key Server	Click Key Server and select a key server name.

5. Click OK.

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## Supported Software Information

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

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## Additional Information

[Configure Certificate Servers](#)

[Configure IPsec VPN Profiles](#)

[Configure a KMIP Client](#)