


## Configure SNAT Pools

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

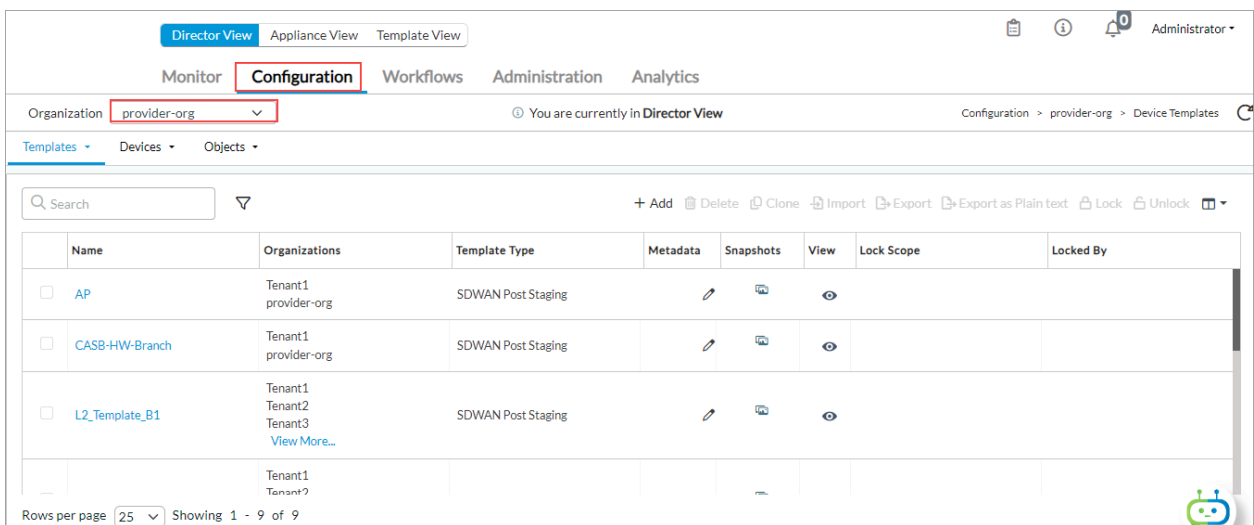
NAT is a method of remapping one IP address space into another by modifying the network address information in a packet's IP header. Source NAT (SNAT) is a type of NAT that translates the source IP address in the packet's header to an address that you configure.

For SNAT to work, you can configure a pool source addresses that SNAT uses when translating source addresses. The SNAT pool is a range of IP addresses, and SNAT selects one of the source addresses in the pool.

On Versa Operating System™ (VOS™) devices, you use SNAT pools when you configure DNS proxy, file filtering, HTTP/HTTPS proxy, and URL filtering.

To configure an SNAT pool:

1. In the Director view:
  - a. Select the Configuration tab in the top menu bar.
  - b. Select an organization in the left menu bar.

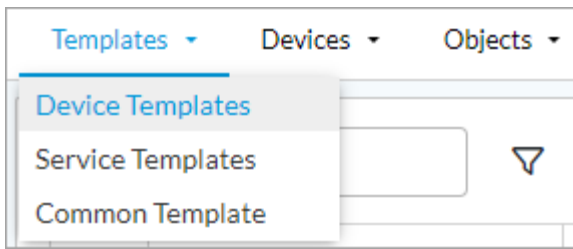


The screenshot shows the Versa Director web interface. The top navigation bar includes 'Director View', 'Appliance View', and 'Template View'. The 'Configuration' tab is selected. The left sidebar shows 'Organization' with 'provider-org' selected. The main content area displays a table of templates.

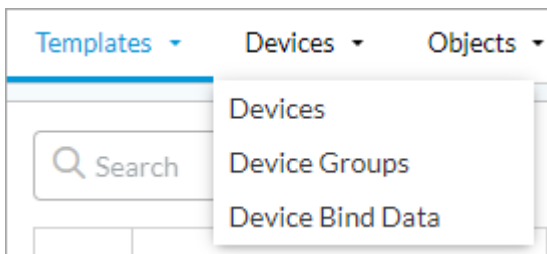
Name	Organizations	Template Type	Metadata	Snapshots	View	Lock Scope	Locked By
AP	Tenant1 provider-org	SDWAN Post Staging					
CASB-HW-Branch	Tenant1 provider-org	SDWAN Post Staging					
L2_Template_B1	Tenant1 Tenant2 Tenant3 <a href="#">View More...</a>	SDWAN Post Staging					
	Tenant1 Tenant2						

Rows per page: 25 Showing 1 - 9 of 9

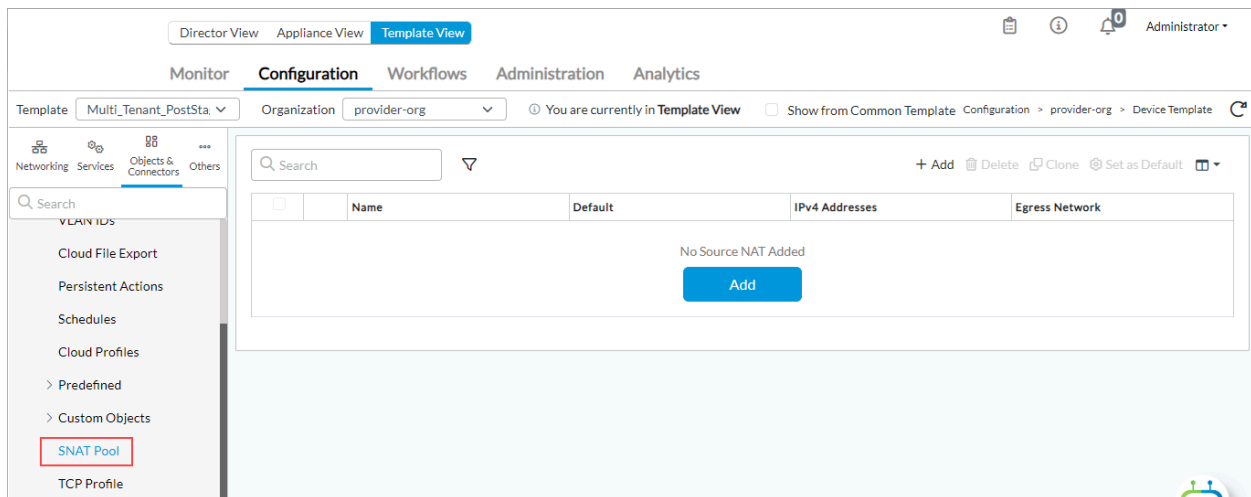
- c. To make the URL-filtering setting permanent, update the template for devices by selecting Templates > Device Template.



- d. To make the URL-filtering setting temporary and apply it to a particular device only, update the device setting by selecting Devices > Devices.



- e. Select a device name or a post-staging template in the main pane. The view changes to Appliance view.
2. Select the Configuration tab in the top menu bar.
3. Select Objects & Connectors > Objects > SNAT Pool in the left menu bar.
4. Select an organization in the horizontal menu bar. The main pane displays a table of configured SNAT pools.



5. Click the  Add icon. In the Add SNAT pool popup window, enter information for the following fields.

Add SNAT Pool

Name

Routing Instance

--Select--

Description

Tags

IPv4 Addresses

Egress Networks

Static IPv4 Address

IPv4 Address List

IPv4 Address List Not Configured


IPv4 Address Range

Low

High

OK

Cancel

Field	Description
Name (Required)	Enter a name for the SNAT pool.
Routing Instance	Select the routing instance to associate with the SNAT pool.
Description	Enter a text description for the SNAT pool.
Tags	Enter a keyword or phrase that allows you to filter the SNAT pool name. This is useful when you have many pool names and want to view those that are tagged with a particular keyword.
IPv4 Addresses (Tab)	<p>Configure an IPv4 SNAT pool to use for cloud lookup requests. You can use using either individual static IPv4 addresses or a range of IPv4 addresses.</p> <p>Note that you can configure either IPv4 addresses or egress networks, but you cannot configure both IPv4 addresses and egress networks for the same SNAT pool.</p>
<ul style="list-style-type: none"> <li>Static IPv4 Address</li> </ul>	Click the  Add icon, and enter an IPv4 static address to add to the SNAT pool.
<ul style="list-style-type: none"> <li>IPv4 Address Range</li> </ul>	<p>Enter the address range of the SNAT pool:</p> <ul style="list-style-type: none"> <li>Low—Enter the lowest IPv4 address in the range of SNAT pool addresses.</li> <li>High—Enter the highest IPv4 address in the range of SNAT pool addresses.</li> </ul>

Egress Networks (Tab)

IPv4 Addresses **Egress Networks**

Egress Network

<input type="checkbox"/>	Egress Network	+
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Egress Network Not Configured

OK Cancel

In the Egress Network table, click the Add icon and select an egress network to use for cloud lookup requests.

Note that you can configure either IPv4 addresses or egress networks, but you cannot configure both IPv4 addresses and egress networks for the same SNAT pool.

6. Click OK.

# Supported Software Information

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

# Additional Information

- [Configure Address Objects](#)
- [Configure CGNAT](#)
- [Configure DNS Proxy](#)
- [Configure File Filtering](#)
- [Configure HTTP/HTTPS Proxy](#)

