

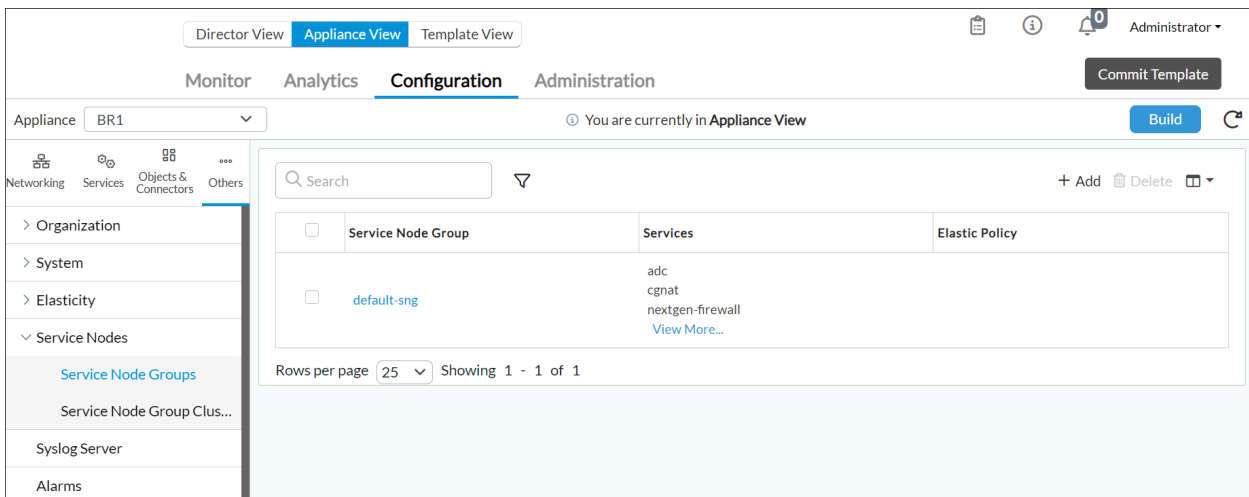
Configure Service Node Groups

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


A service node group is a logical grouping of network services, which include individual network services (for example, NAT, DHCP, and NTP). Additionally, various policies and quotas can be applied for the service node group (for example, elastic policy, traffic policing, and shaping). The service node group determines the services that are enabled for an organization, that is, the services that are hosted on the Versa Operating System™ (VOS™) device.

To configure service node groups:

1. In Director view:
 - a. Select the Configuration tab in the top menu bar.
 - b. Select Templates > Device Templates in the horizontal menu bar.
 - c. Select an organization in the left menu bar.
 - d. Select a device in the main pane. The view changes to Appliance view.
2. Select the Configuration tab in the top menu bar.
3. Select Others > Service Nodes > Service Node Groups in the left menu bar.



The screenshot shows the Versa Networks Director 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'. On the left, there is a sidebar menu with categories like 'Networking', 'Services', 'Objects & Connectors', and 'Others'. Under 'Others', 'Service Nodes' is expanded, and 'Service Node Groups' is selected. The main pane shows a table with columns for 'Service Node Group', 'Services', and 'Elastic Policy'. A single row is visible with the name 'default-sng' and a list of services: 'adc', 'cgnat', and 'nextgen-firewall'. There is a 'View More...' link next to the services list. At the bottom of the table, it says 'Rows per page 25 Showing 1 - 1 of 1'.

4. Click the  Add icon. In the Add Service Node Group popup window, enter information for the following fields.

Add Service Node Group

Name *

Description

Type

Internal

Egress Interface

--Select--

Service Function Egress Address

Service Node Group ID *

Tags

Elastic Policy

--Select--

Ingress Interface

--Select--

Service Function Ingress Address

Services *

Available Services

Add All

Search

adc

cgnat

stateful-firewall

nextgen-firewall

ipsec

tdf

sdwan

Selected Services

Remove All

Search

OK

Cancel

Field	Description
Name (Required)	Enter a name for the service node group.
Description	Enter a text description for the service node group.
Service Group Node ID (Required)	Enter an ID for the service node group. <i>Range:</i> 0 through 1023
Type	Select the service node group type: <ul style="list-style-type: none"> ◦ External—Services are offered by a third-party provider. ◦ Internal—SNG is configured with Versa services.
Elastic Interface	Select the interface on which to apply an elasticity profile.
Elastic Policy	Select the name of the elasticity profile to apply to the service node group.
Service Function Egress Address	Enter the IP address to use for exiting traffic.
Egress Interface	Select the interface to use for exiting traffic.
Ingress Interface	Select the interface to use for incoming traffic.
Service Function Ingress Address	Enter the IP address to use for incoming traffic.
Services (Group of Fields)	
<ul style="list-style-type: none"> ◦ Available Services 	Select the services to configure in the service node group. Click a service to move it to the Selected Services table. <ul style="list-style-type: none"> ◦ ADC—Application delivery controller ◦ CGNAT ◦ IPsec ◦ Next-Gen Firewall ◦ Stateful Firewall ◦ SD-WAN ◦ TDF—Traffic detection function

◦ Selected Services	Displays a list of services available in the service node group.
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5. Click OK.

Supported Software Information

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