



## Field Reference for Inventory Pages

This section provides descriptions of the fields found under the **Inventory** tab in Cisco Prime Infrastructure.

- [NAT44 Rules](#), on page 1
- [Service Container > Add](#), on page 4
- [Configuration > Security > Zone Based Firewall](#), on page 4

### NAT44 Rules

The following topics describe the fields in **Inventory > Device Management > Network Devices > Configuration > Security > NAT > NAT44 Rules**.

- [Add NAT Rule > Static Rule](#)
- [Add NAT Rule > Dynamic NAT Rule](#)
- [Add NAT Rule > Dynamic PAT Rule](#)

### Add NAT Rule > Static Rule

The following table describes the elements on **Operate > Device Work Center > Configuration > Security > NAT > NAT44 Rules > Add NAT Rule > Static Rule**.

*Table 1: Add NAT Rule > Static Rule*

Element	Description
Direction	Enter the directions. Cisco Prime Infrastructure Release 2.1 supports only the Inbound to Outbound direction.
VRF	Enter the virtual routing and forwarding (VRF) on which the NAT translation process occurs.
Source A	Enter a valid IPv4 address. A valid IPv4 address consists of four octets separated by a period (.). <ul style="list-style-type: none"><li>• If Source A is defined, Source B must also be defined.</li><li>• If Source A is defined, Destination A will be Any by default.</li></ul>

Element	Description
Destination A	Enter a valid IPv4 address. A valid IPv4 address consists of four octets separated by a period (.). <ul style="list-style-type: none"> <li>• If Destination A is defined, Destination B must also be defined.</li> <li>• If Destination A is defined, Source A will be Any by default.</li> </ul>
Translation	Select the static translation type.
Source B	Enter a valid IPv4 address. A valid IPv4 address consists of four octets separated by a period (.). You can also select an interface from the list of interfaces. <ul style="list-style-type: none"> <li>• If Source B is defined, Source A must also be defined.</li> <li>• If Source B is defined, Destination B will be Any by default.</li> </ul>
Destination B	Enter a valid IPv4 address. A valid IPv4 address consists of four octets separated by a period (.). <ul style="list-style-type: none"> <li>• If Destination B is defined, Destination A must also be defined.</li> <li>• If Destination B is defined, Source A and B will be Any by default.</li> </ul>
Options	Enter the advance options for the Static type. Configure the following: <ul style="list-style-type: none"> <li>• To ignore the embedded IP addresses (no-Payload), select the <b>Ignore Embedded IP Address</b> check box.</li> <li>• To enable port translation, select the <b>Enable Port Translation</b> check box, and then define the following: <ul style="list-style-type: none"> <li>• TCP or UDP</li> <li>• Original Port</li> <li>• Translated Port</li> </ul> </li> </ul>

## Add NAT Rule > Dynamic NAT Rule

The following table describes the elements in **Inventory > Device Management > Network Devices > Configuration > Security > NAT > NAT44 Rules > Add NAT Rule > Dynamic NAT Rule.**

*Table 2: Add NAT Rule > Dynamic NAT Page*

Element	Description
Direction	Enter the directions. Cisco Prime Infrastructure Release 2.1 supports only the Inbound to Outbound direction.
VRF	Enter the VRF on which the NAT translation process occurs.
Source A	Select the ACL name from the list. <ul style="list-style-type: none"> <li>• If Source A is defined, Source B must also be defined.</li> <li>• If Source A is defined, Destination A will be Any by default.</li> </ul>

Element	Description
Destination A	Select the ACL name from the list. <ul style="list-style-type: none"> <li>• If Destination A is defined, Destination B must also be defined.</li> <li>• If Destination A is defined, Source A will be Any by default.</li> </ul>
Translation	Select the Dynamic NAT translation type.
Source B	Choose the NAT pool from the drop-down list.
Destination B	Choose the NAT pool from the drop-down list. <ul style="list-style-type: none"> <li>• If Destination B is defined, Destination A must also be defined.</li> <li>• If Destination B is defined, Source A and B will be Any by default.</li> </ul>
Options	Enter the advance options for the Dynamic type. <ul style="list-style-type: none"> <li>• To ignore the embedded IP addresses (no-Payload), select the <b>Ignore Embedded IP Address</b> check box.</li> <li>• To enable port translation, select the <b>Enable Port Translation</b> check box, and then define the following: <ul style="list-style-type: none"> <li>• TCP or UDP</li> <li>• Original Port</li> <li>• Translated Port</li> </ul> </li> </ul> <p><b>Note</b> This option is supported only on the Cisco Integrated Services Routers.</p>

## Add NAT Rule > Dynamic PAT Rule

The following table describes the elements in **Inventory > Device Management > Network Devices > Configuration > Security > NAT > NAT44 Rules > Add NAT Rule > Dynamic PAT Rule**.

*Table 3: Add NAT Rule > Dynamic PAT Page*

Element	Description
Direction	Enter the directions. This release supports only the Inbound to Outbound direction.
VRF	Enter the VRF on which the NAT translation process occurs.
Source A	Select the ACL name from the list.
Destination A	Destination A cannot be defined.
Translation	Select the Dynamic PAT translation type.
Source B	Select the IP Pool Name from the list. You can also select an interface from the list of interfaces.

Element	Description
Destination B	Destination B cannot be defined.
Options	Enter the advance options for the Dynamic PAT. To ignore the embedded IP addresses (no-Payload), select the <b>Ignore Embedded IP Address</b> check box.  <b>Note</b> This option is supported only on Cisco ISRs.

## Service Container > Add

The following table describes the fields in **Inventory > Device Management > Network Devices > Service Container > Add**.

**Table 4: Inventory > Device Management > Network Devices > Service Container > Add**

Field	Description
Select an Operation	Choose either <b>Install</b> or <b>Install and Activate</b> depending on whether you want to activate the container later or during the current instance.
WAAS-XE IP Address/Mask	Enter the Cisco Wide Area Application Services (WAAS)-Cisco IOS XE container's IP address and mask.
Router Virtual Interface IP/Mask	Enter the IP and mask for the Router Virtual Interface on which you want to install the container.
OVA	From the list, choose the OVA image that is to be installed.
Resource Profile	From the list, choose a resource profile as per the memory requirement.
Service Container Name	Enter a name for the service container.
Enable WAN Optimization on	Select the check box to begin WAN optimization, and choose an interface role to initiate traffic redirection.

## Configuration > Security > Zone Based Firewall

The following table describes the fields in **Inventory > Device Management > Network Devices > Configuration > Security > Zone Based Firewall > Policy Rule**.

**Table 5: Zone Based Firewall > Policy Rule Page**

Element	Description
Name	(Optional) Enter a name for the policy rule.
Source Zone	Enter the name of the zone from which the traffic is originating.

Element	Description
Destination Zone	Enter the name of the zone to which the traffic is bound.
Source	Enter the source IP address of the inspected data. The valid parameters are: <ul style="list-style-type: none"> <li>• Any</li> <li>• A combination of IPv4 addresses and subnets</li> </ul>
Destination	Enter the destination IP address of the inspected data. The valid parameters are: <ul style="list-style-type: none"> <li>• Any</li> <li>• A combination of IPv4 addresses and subnets</li> </ul>
Service	Service of the inspected data. The valid parameters are: <ul style="list-style-type: none"> <li>• Services</li> <li>• Port Based Applications</li> <li>• TCP</li> <li>• UDP</li> <li>• ICMP</li> </ul>
Action	Choose the action to perform on the traffic when there is a match on a rule condition. A rule matches when: <ul style="list-style-type: none"> <li>• The traffic source IP address matches the source rule condition.</li> <li>• The traffic destination IP address matches the destination rule condition, and the traffic-inspected service matches the service rule condition.</li> </ul> Action options are: <ul style="list-style-type: none"> <li>• Drop</li> <li>• Drop and Log</li> <li>• Inspect</li> <li>• Pass</li> <li>• Pass and Log</li> </ul>
Advanced Options	Specify the configuration parameters to set the Firewall Rule Parameter-Map behavior when the Action option is set to Inspect.

