

How to Create a Site-Specific Network Object

<https://campus.barracuda.com/doc/79463160/>

A site-specific network object is an object that can be of different types (e.g., Single IP Address, List of IP Addresses, Single Network Address, List of Network Addresses) and that serves as a placeholder for different values on multiple firewalls. Site-specific network objects have to be configured either globally or on range or cluster level in the Control Center. Globally defined site-specific network objects must be configured on the **Global Settings > Firewall Objects** page. In order to enable site-specific network objects for ranges or clusters, this option must be enabled in the **Properties** settings for either ranges or clusters. A corresponding setting entry with the name **Range Firewall Object** or **Cluster Firewall Object** is then displayed for configuration in the parent node **Range Settings** or **Cluster Settings**. After the configuration, the site-specific network object will then be available for assigning a value in the **Your virtual server > Server Properties** page. Due to this characteristic, site-specific network objects can ease the management of common rulesets on multiple firewalls despite different values that are assigned to these objects.

Step 1. (optional) Create a Globally Defined Site-Specific Network Object

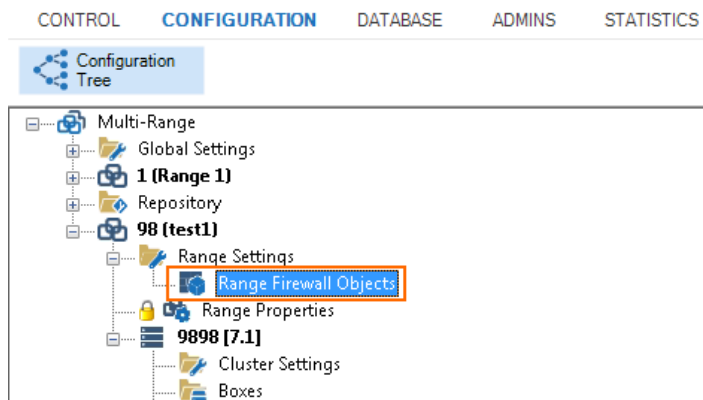
1. Log into your Control Center.
2. Go to **CONFIGURATION > Configuration Tree > Multi-Range > Global Settings > Firewall Objects**
3. Click **Lock**.

Step 2. (alternatively) Enable Configuration for Site-Specific Network Objects on Range/Cluster Level

1. Log into your Control Center.
2. Go to **CONFIGURATION > Configuration Tree > Your Range/Cluster > Range/Cluster Properties**
3. Click **Lock**.
4. In the **Specific Settings** section, set **Own Firewall Objects** to **yes**.

Specific Settings	
Disable Update	no
Collect Statistics	yes
Own Cook Settings	no
Own Event Settings	no
Own Firewall Objects	yes
Own VPN GTI Editor	yes
Own Access Control Objects	no
Own Traffic Shaping Settings	no

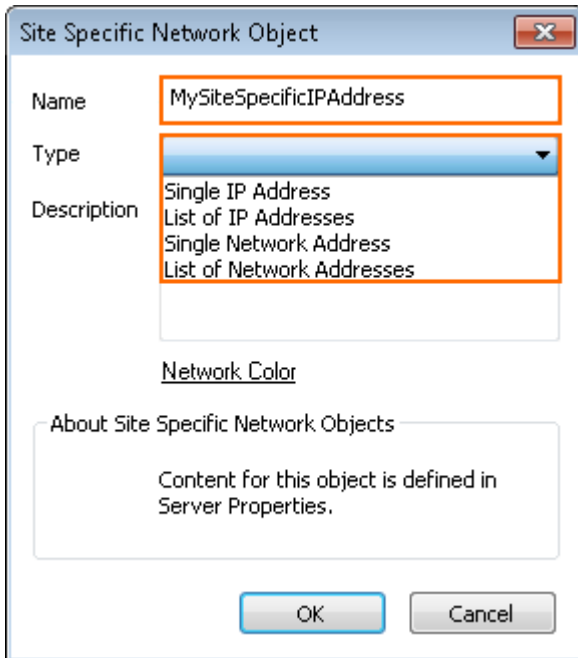
- Click **Send Changes** and **Activate**.
- Go to **CONFIGURATION > Configuration Tree > Your Range/Cluster > Range/Cluster Settings > Range/Cluster Firewall Objects**



- Click **Lock**.

Step 3. Configure the Site-Specific Network Object

- Right-click in the main area.
- Click **New Site Specific...**
- The window configuring **Site Specific Network Object** opens.
- Enter the **Name** for your site-specific network object.
- From the **Type** list, select **Single IP Address**, **List of IP Addresses**, **Single Network Address** or **List of Network Addresses**.
- Click **OK**.



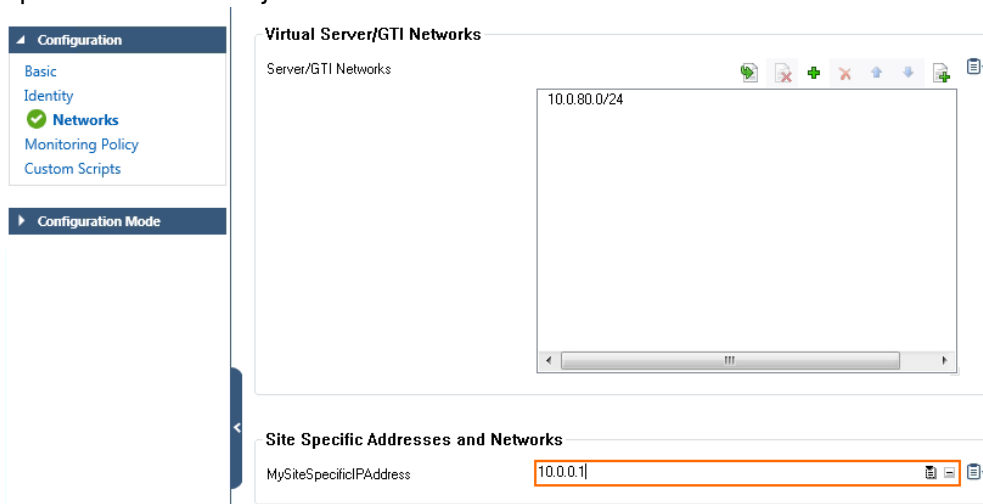
The dialog box is titled "Site Specific Network Object". It has a close button (X) in the top right corner. The "Name" field contains "MySiteSpecificIPAddress". The "Type" dropdown menu is open, showing four options: "Single IP Address", "List of IP Addresses", "Single Network Address", and "List of Network Addresses". Below the dropdown is a "Network Color" label. At the bottom, there are "OK" and "Cancel" buttons. A text box at the bottom contains the text: "About Site Specific Network Objects" followed by "Content for this object is defined in Server Properties."

7. Click **Send Changes** and **Activate**.

Step 4. Configure the Value for Your Site-Specific Network Object

Assign a value to the specific network object on each firewall where necessary:

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Server Properties**
2. In the left menu, click **Networks**.
3. Click **Lock**.
4. In the section **Site Specific Addresses and Networks**, assign a network IP address to your specific network object.



The screenshot shows the "Virtual Server/GTI Networks" configuration interface. On the left is a navigation menu with "Configuration" expanded, showing "Basic", "Identity", "Networks" (checked), "Monitoring Policy", and "Custom Scripts". Below that is "Configuration Mode". The main area is titled "Virtual Server/GTI Networks" and contains a "Server/GTI Networks" section with a list of networks, currently showing "10.0.80.0/24". Below this is the "Site Specific Addresses and Networks" section, which has a table with one row: "MySiteSpecificIPAddress" with the value "10.0.0.1" in a text input field.

5. Click **Send Changes** and **Activate**.

Although your site-specific network object can be configured via the same name for all firewalls either globally or in your ranges or clusters, the configured value is specific to the firewall you selected for configuration. This has the advantage that you can set up identical forwarding rulesets for all firewalls but configure different values due to different network-specific demands.

Figures

1. enable_config_for_site-specific_network_objects.png
2. range_firewall_object.png
3. create_site_specific_network_object.png
4. assign_value_to_site_specific_network_object.png

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