

## How to Create Wildcard Network Objects

<https://campus.barracuda.com/doc/73719277/>

Wildcard network objects are network objects that include a network mask containing information regarding which parts of the IP address is to be evaluated. Wildcard network objects can be used to describe IP addresses that cannot be covered by network objects using subnets masks.

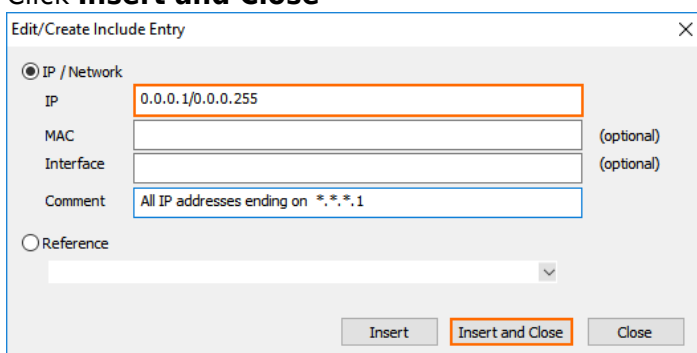
### Examples

Wildcard network objects are entered in the format IP address/network mask:

- 0.0.0.1/0.0.0.255 = \*.\*.\*.1
- 0.200.0.0/0.255.0.0 = \*.200.\*.\*

### Create a Network Object

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules.**
2. In the left menu, click on **Networks.**
3. Click **Lock.**
4. Right-click the table and select **New.** The **Edit/Create Network Object** window opens.
5. From the **Type** drop-down list, select **Generic Network Object (IP, Network, Range).**
6. Enter a **Name.**
7. In the **Include Entries** section, click **+**. The **Edit/Create Include Entry** window opens.
8. Enter the **IP** and network mask for the wildcard network object in the following format: IP/network mask. E.g, 0.0.0.1/0.0.0.255
9. Click **Insert and Close**



Dialog box: Edit/Create Include Entry

IP / Network

IP: 0.0.0.1/0.0.0.255

MAC: (optional)

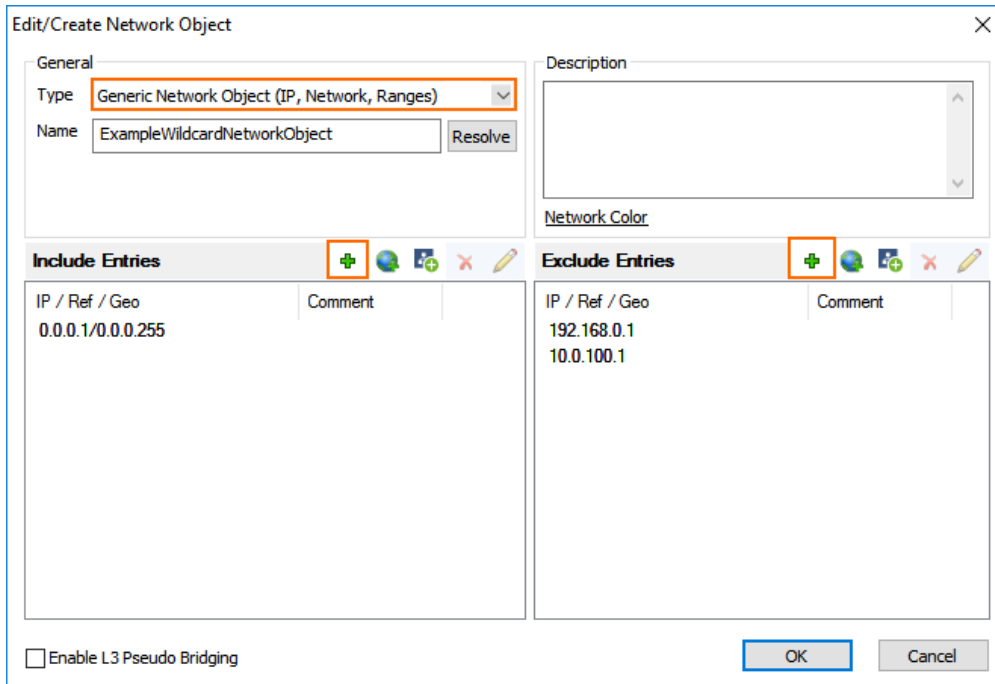
Interface: (optional)

Comment: All IP addresses ending on \*.\*.\*.1

Reference

Buttons: Insert, Insert and Close, Close

10. (optional) In the **Exclude Entry** section, add the IP addresses that should be excluded from the rule.



General

Type: Generic Network Object (IP, Network, Ranges)

Name: ExampleWildcardNetworkObject

Description

Network Color

Include Entries

IP / Ref / Geo	Comment
0.0.0.1/0.0.0.255	

Exclude Entries

IP / Ref / Geo	Comment
192.168.0.1	
10.0.100.1	

Enable L3 Pseudo Bridging

OK Cancel

11. Click **OK**.
12. Click **Send Changes** and **Activate**.

You can now use the wildcard network object in your access rules. When creating or editing an access rule, click the **Object Viewer** in the left menu to see a list of all available network objects.

## Figures

1. wildcard\_network\_objects\_00.png
2. wildcard\_network\_objects\_02.png

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