

How to Create a Map Access Rule

<https://campus.barracuda.com/doc/96026197/>

A **Map** access rule rewrites incoming network ranges or IP address to destination networks or IP ranges, just like a Dst NAT rule does for a single IP address. You can use a [NAT Table](#) as an object for the **Destination** and/or **Connection** settings.

Ensure that the **Destination** network is the same size or smaller than the network used to redirect the request. Otherwise, the firewall wraps the larger source network into the smaller redirection network.

Views

Rule

Advanced

ICMP Handling

Object Viewer

☒ Object Viewer

ExampleMapRule

Map

☒ Bi-Directional
 ☐ Dynamic Rule
 ☐ Deactivate Rule

Source VR Instance

default

Destination VR Instance

Same as Source

Source

Internet

Ref: Any
 NOT 10.0.0.0/8
 NOT 172.16.0.0/12
 NOT 192.168.0.0/16

Service

SMTP

TCP 25 mail-smtp Report if not (...)

Destination

<explicit-map>

Mapped IP/Mask

62.99.0.40/28

Redirection

Create Proxy ARP

Real IP/Mask

127.16.0.40/28

Authenticated User

Any

Policies

IPS Policy

Default Policy

Application Policy

No AppControl

SSL Inspection Policy

N.A.

Schedule

Always

QoS Band (Fwd)

No-Shaping

QoS Band (Reply)

Like-Fwd

Connection Method

Client (No Translation)


OK

Cancel

Create a Map Access Rule

1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > Firewall >**

Forwarding Rules.

2. Click **Lock**.
3. Either click the plus icon (+) in the top right of the rule set, or right-click the rule set and select **New > Rule**.

4. Select **Map** as the action.
5. Enter a **Name** for the rule. For example, ExampleMapRule.
6. Select the **Bi-Directional** check box.
7. Specify the following settings that must be matched by the traffic that to be handled by the access rule:
 - **Source** – The source addresses of the traffic. For example, select **Internet**.
 - **Destination** – Enter the destination network, or select a [NAT table Connection object](#).
 - **Service** – Select a service object, or select **Any** for this rule to match for all services.
8. Enter the **Redirection** IP address or network. This is the network range that the connections will be rewritten to.
9. If the redirection IP network is not physically present on a network interface, select the **Create Proxy ARP** check box. For the example above, proxy ARP is not needed.
10. From the **Connection Method** list, select **Client (No Translation)**.
11. Click **OK**.
12. Drag and drop the access rule so that it is the first rule that matches the traffic that you want it to forward. Ensure that the rule is located *above* the BLOCKALL rule; rules located below the BLOCKALL rule are never executed.
13. Click **Send Changes** and **Activate**.

Additional Matching Criteria

- **Authenticated User** – For more information, see [User Objects](#).
- **Connection Method** – For more information, see [Connection Objects](#).

Additional Policies

- **IPS Policy** – For more information, see [Intrusion Prevention System \(IPS\)](#).
- **Application Control** – For more information on all Application Control features, see [Application Control](#).
- **SSL Inspection Policy** – For more information, see [SSL Inspection in the Firewall](#).
- **Schedule Objects** – For more information, see [Schedule Objects](#).
- **QoS Band (Fwd) or QoS Band (Reply)** – For more information, see [Traffic Shaping](#)

Figures

1. FW_Map_Rule.png
2. FW_Rule_Add01.png

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