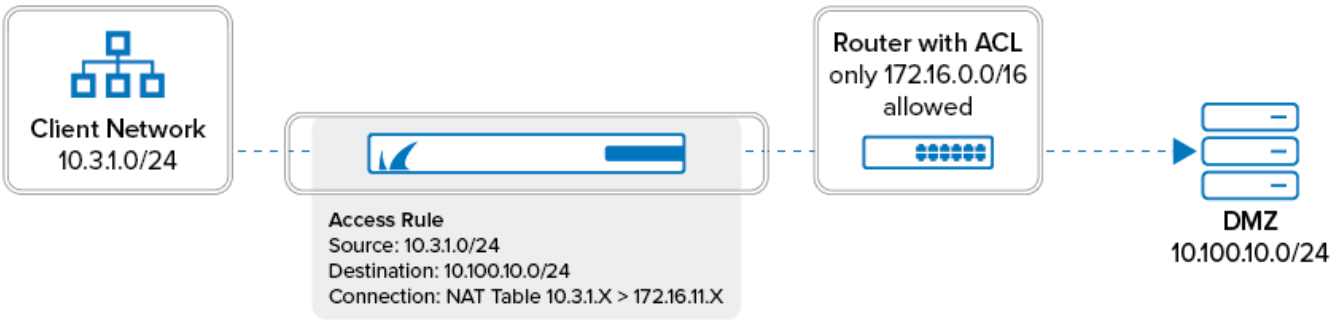
How to Create NAT Tables (Translation Maps)

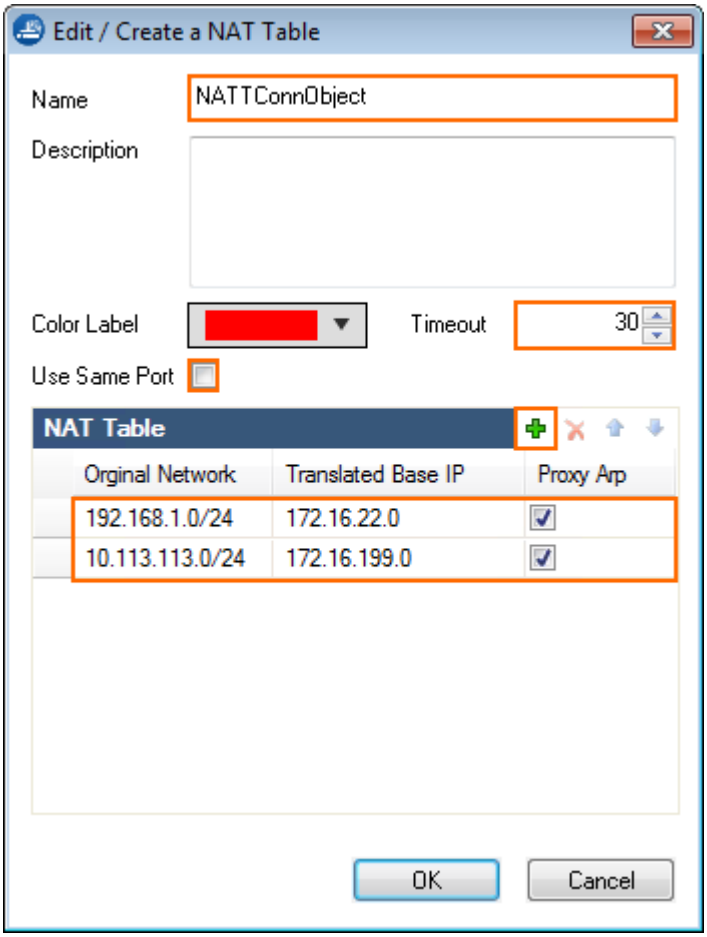
https://campus.barracuda.com/doc/96026259/

NAT Tables are an expanded type of source NAT for a network or IP address range. The NAT Tables connection object rewrites the source IP address to a source NAT IP address range. To rewrite both the destination and the source address of the connection, you can choose to use a NAT Table connection object with a MAP access rule. You can enter multiple rewriting maps, which are processed from top to bottom. The first matching rewrite map is used.



Create a NAT Table Connection Object

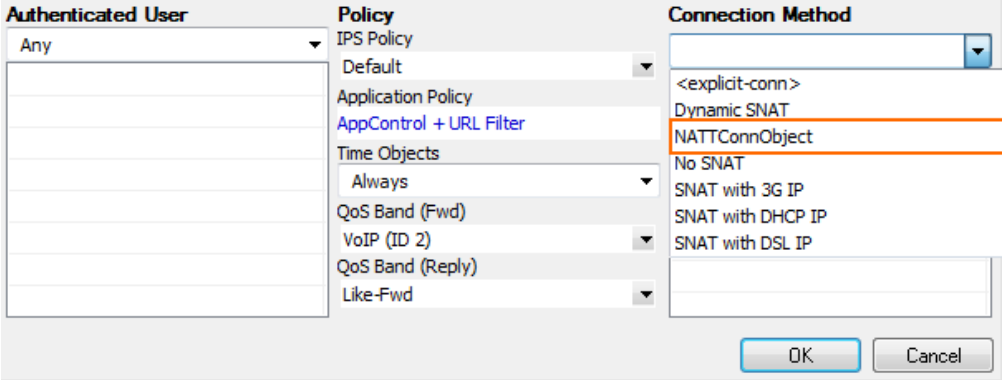
1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > Firewall > Forwarding Rules**.
2. From the left menu, click **Connections**.
3. Click **Lock**.
4. Right-click the table and select **New > NAT Table**.
5. Enter a **Name**.
6. (optional) Select **Use Same Port** to disable port address translation.
7. (optional) Enter the connection **Timeout** in seconds. Default: 30 seconds
8. Click **+** to add an entry to the **NAT Table** list:
   - **Original Network** – Enter the source IP range or network.
   - **Translated Base IP** – Enter the network that you want the source IP address or network to be rewritten to.
   - **Proxy ARP** – Select the check box unless the destination network is connected by a layer 2 bridge to the source network.



9. (optional) Use the up and down arrows to sort the entries in the **NAT Table**.
10. Click **OK**.
11. Click **Send Changes** and **Activate**.

Apply the NAT Table to an Access Rule

To apply a NAT Table object to an access rule, select the object from the **Connection Method** list in the access rule settings.



Figures

1. fw_nat_table-01.png
2. nattable_01.png
3. fw_nat_table-02.png

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