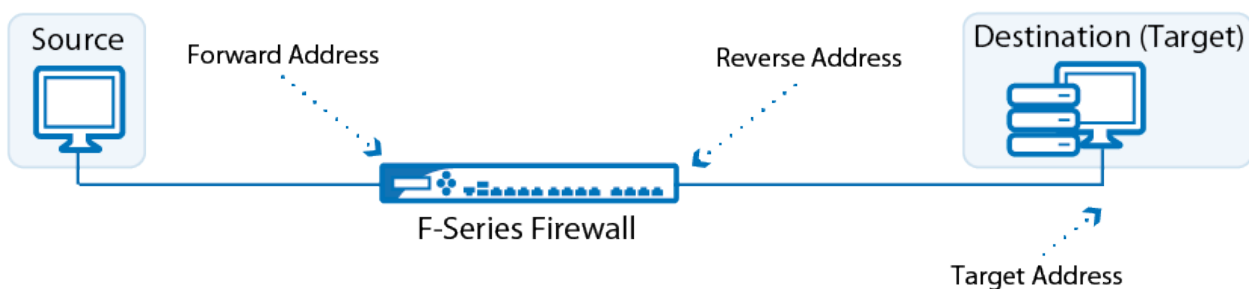


## How to Configure ICMP Settings

<https://campus.barracuda.com/doc/46209054/>

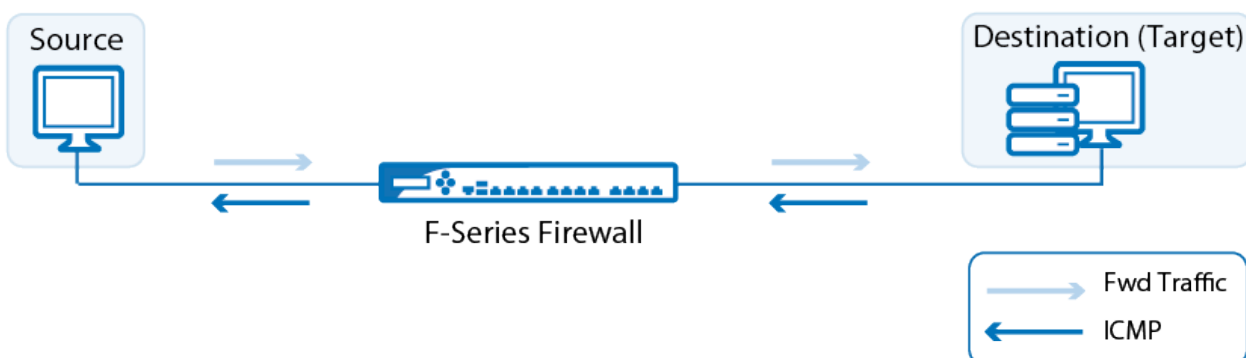
ICMP (Internet Control Message Protocol) is used for diagnostic or control purposes. Network devices send one of the twenty four ICMP errors directed at the source IP of a packet, for example to let the source device know that it is currently not available or the desired destination can not be reached. The Barracuda NextGen Firewall F-Series uses the following terms to describe the IP addresses involved in a ICMP reply:

### Forward / Reverse / Target IP Addresses



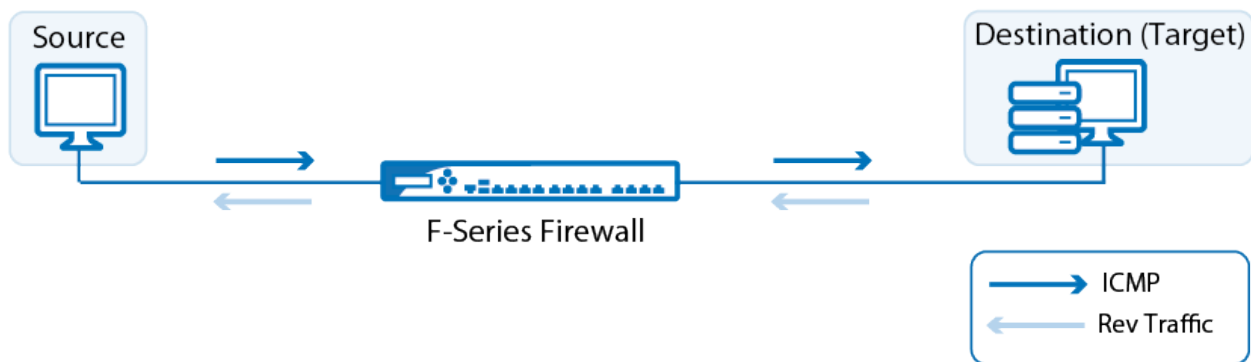
### Forward Policy

The forward policy affects ICMP messages that are caused by traffic from the source to the destination.



## Reverse Policy

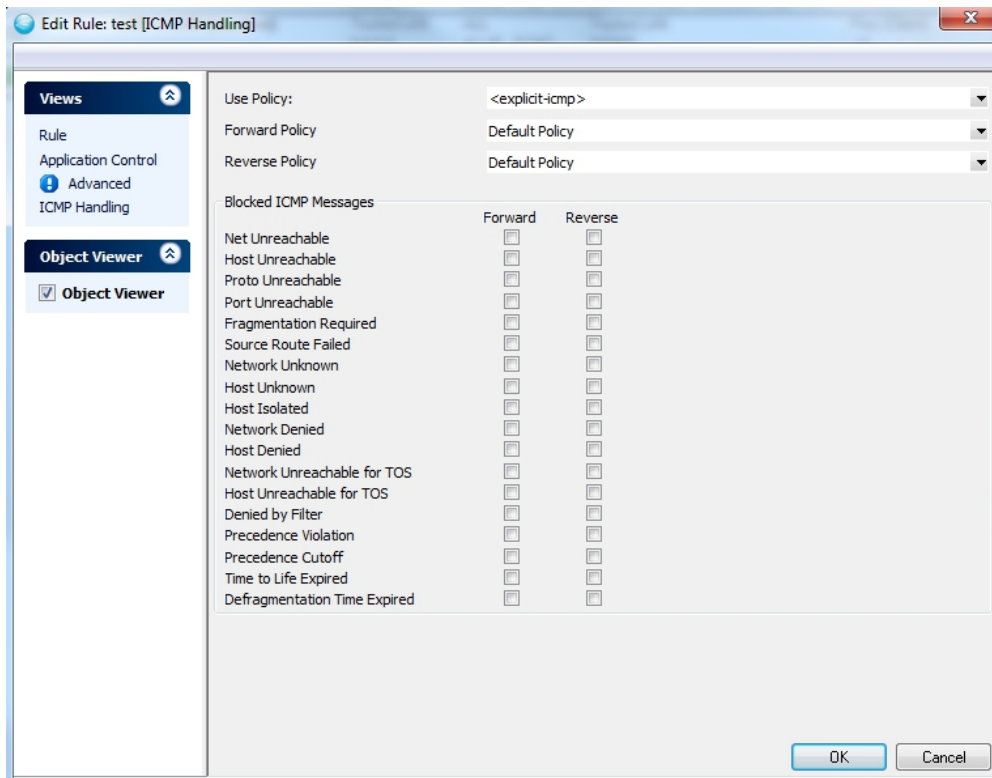
The reverse policy affects ICMP messages that are caused by traffic from the destination back to the source.



## Configure ICMP Handling Policy

ICMP handling policy is configurable per firewall rule:

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules.**
2. From the **Views** menu on the left of the **Edit Rule** window, select **ICMP Handling.**



3. In the **Use Policy** dropdown field, select one of the following options:
  - **Default Policy** – The default policy decides automatically whether to use forward or target address:
    - **With NAT** – The forward address is used (no internal IP address is visible).
    - **Without NAT** – The target address is used.
  - **NO ICMP AT ALL** – Block all ICMP settings.
  - **Use Forward Address** – The forward address is used for ICMP messages.
  - **Use Reverse Address** – The reverse address is used for ICMP messages.
  - **Use Target Address** – The target address is used for ICMP messages.
4. Select which replies are blocked in the **BLOCKED ICMP Messages** section.  
 To configure a policy template select **New ICMP Param Object** in the **ICMP** tab of the **Object Viewer**.
5. Click **OK**.
6. Click **Send Changes** and **Activate**.

## Figures

1. FW\_ICMP\_01.png
2. FW\_ICMP\_02.png
3. FW\_ICMP\_03.png
4. icmp.png

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