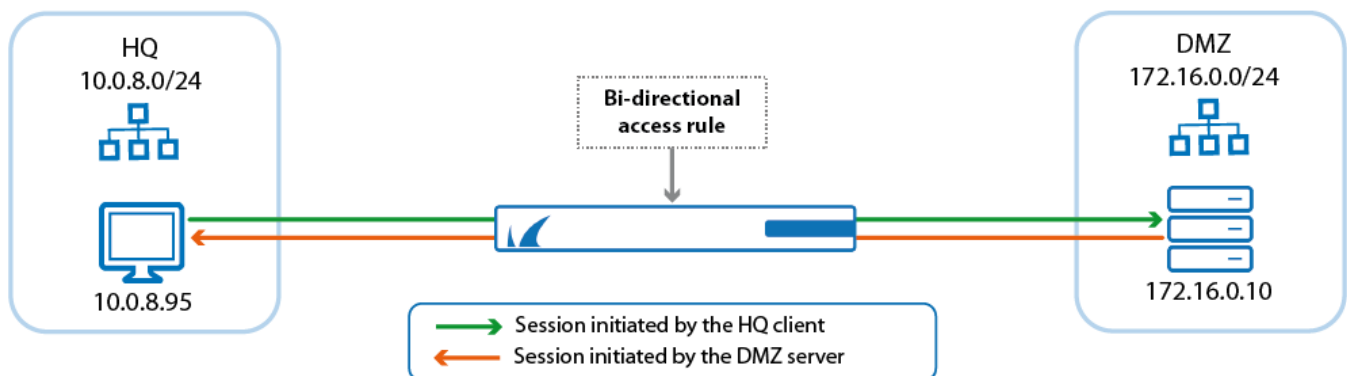



How to Create Bi-Directional Access Rules

<https://campus.barracuda.com/doc/79462923/>

Bi-directional access rules are rules where the source and destination of the rule are used interchangeably. Bi-directional rules must use the action **Pass** or **Map** and a static NAT or no source NAT as the **Connection Method**.



Create a Pass Access Rule

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. Either click the plus icon (+) at the top right of the rule set, or right-click the rule set and select **New > Rule**.

4. Select **Pass** or **Dst NAT** as the action.
5. Enter a **name** for the rule.
6. Select the **Bi-Directional** check box.
7. Specify the following settings that must be matched by the traffic to be handled by the access rule:
 - **Source** - The source addresses of the traffic.
 - **Destination** - The destination addresses of the traffic.
 - **Service** - Select a service object, or select **Any** for this rule to match for all services.

Views ⌵

Rule

Advanced

ICMP Handling

Object Viewer ⌵

Object Viewer

➔ Pass

LAN-DMZ

↔ Bi-Directional

Dynamic Rule

Deactivate Rule

Source VR Instance: default

Destination VR Instance: Same as Source

Source	Service	Destination
<div style="border: 1px solid #ccc; padding: 2px;"> HQ-LAN 10.0.10.0/25 </div>	<div style="border: 1px solid #ccc; padding: 2px;"> Any Ref: Any-TCP Ref: Any-UDP Ref: ICMP ALLIP </div>	<div style="border: 1px solid #ccc; padding: 2px;"> BO1-LAN 10.0.80.0/24 </div>

Authenticated User	Policies	Connection Method
<div style="border: 1px solid #ccc; padding: 2px;"> Any </div>	<div style="border: 1px solid #ccc; padding: 2px;"> 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 </div>	<div style="border: 1px solid #ccc; padding: 2px;"> Original Source IP Original Source IP (same port) </div>

OK

Cancel

8. Click **OK**.
9. 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.
10. Click **Send Changes** and **Activate**.

Additional Matching Criteria

- **Authenticated User** – For more information, see [User Objects](#).
- **Schedule Objects** – For more information, see [Schedule 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 Application Control features, see [Application](#)

[Control](#).

- **SSL Inspection Policy** - For more information, see [SSL Inspection in the Firewall](#).
- **QoS Band (Fwd) or QoS Band (Reply)** - For more information, see [Traffic Shaping](#).

Figures

1. 38_bi-dir1-01.png
2. FW_Rule_Add01.png
3. bi-directional_access_rule.png

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