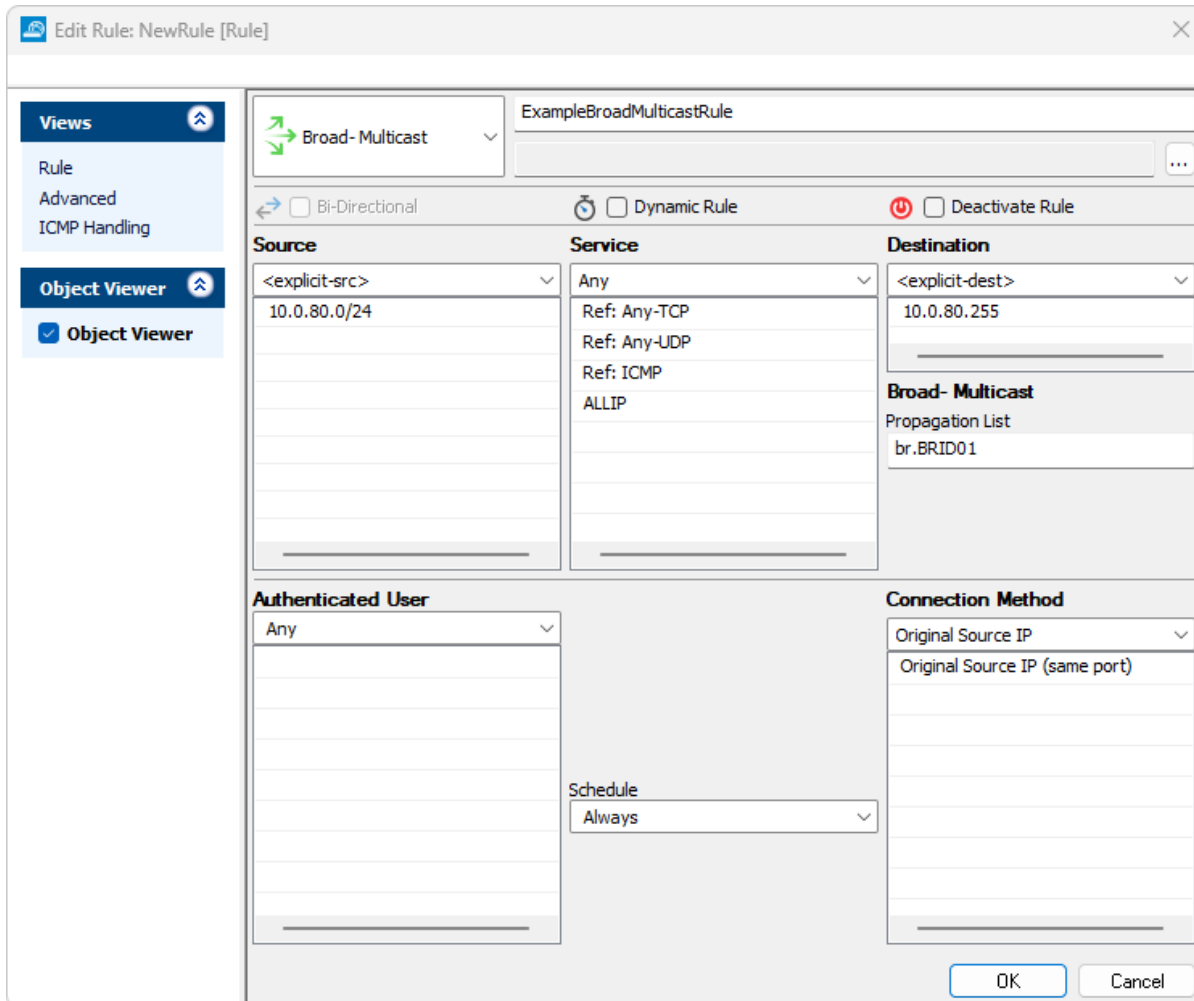



How to Create a Broad-Multicast Access Rule

<https://campus.barracuda.com/doc/96026198/>

A **Broad-Multicast** access rule propagates broadcasts between multiple [bridged network interfaces](#).



Create a Broad-Multicast 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 **Broad-Multicast** as the action.
5. Enter a **name** for the rule.
6. Specify the following settings that must be matched by the traffic to be handled by the access

rule:

- **Source** – The bridged network.
- **Destination** – The broadcast addresses that you want to propagate in the network.
- **Service** – Select a service object, or select **Any** for this rule to match all services.

7. In the **Broad- Multicast - Propagation List** field, enter the propagation interface or IP address(es). You can also enter a comma-delimited array of (bridged) network interfaces or existing IP addresses.

Note that the interpretation of the interface name is case-sensitive!

| Propagation List Content | Example | Operation |
|-------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mixed list of IP addresses and interfaces | <i>port2,port3,192.168.200.10</i> | IP packets are propagated through the specified interface and in the case of IP addresses, the outgoing interface is determined by performing a routing lookup. |
| Network interface(s) | <i>port2, port3, vpnr0, br.BRID01</i> | The IP packets are transmitted unchanged through the specified interface(s). If a bridged port is used, you must enter all bridged ports and the bridged interface. |
| IP address(es) | <i>192.168.200.10,10.10.0.100</i> | The target of IP packets is changed according to the specified IP address(es) and packets are delivered after performing a routing lookup. |
| <interface>:<IP address> | <i>port2:192.168.200.10</i> | The IP packets are transmitted through the specified interface and the target is changed according to the specified IP address. For a standard IP address, a layer 2 broadcast is triggered. For a multicast IP address, a corresponding layer 2 multicast MAC is created. |
| <interface>:<IP address>! | <i>192.168.200.10!</i> | Forces a layer 2 broadcast and the target MAC address is changed to ff:ff:ff:ff:ff:ff. This will also work if the destination is a multicast address. |

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](#).

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

Additional Policies

- **Time Objects** – For more information, see [Schedule Objects](#).

Figures

1. FW_Broad_Multicast_Rule_02.png
2. FW_Rule_Add01.png

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