










## Adapter Objects

<https://campus.barracuda.com/doc/46895706/>

The **Adapters** view allows you to view and configure network adapters available on the system. Adapters can be employed in firewall rules to restrict rule processing to a specific adapter or set of adapters.

### The Adapters Tab

In the **Adapter Objects** view, several dynamic adapter objects are preconfigured.

Name ▼	RefBy	Entries	Description
<b>DYNAMIC [9]</b>			
 dhcpIP	0	255.255.255.255 , 0.0.0.0 , Ref...	Local IP with 0.0.0.0
 InterNet	5	0.0.0.0/32	Unsecure Zone
 localIP	13	169.254.1.10 , 10.0.8.138 , Ref...	All Local IPs
 Net-Broadcast	1	169.254.1.255 , 10.0.8.255 , 25...	All Broadcasts
 Net-Local Area Con...	1	10.0.8.0/8	Realtek RTL8139 Family PCI Fast Etherne...
 Net-Multicast	1	239.255.0.0/16	Multicasting RFC 2365 and 3172
 Net-netfenceVPN	1	169.254.1.0/8	phion Virtual Adapter (VPN)
 TrustedNet	6	255.255.255.255 , Ref: Net-Mul...	Secure Zone
 virtualIP	0	169.254.1.10	All Virtual Phion VPN IPs
<b>LOCAL [1]</b>			
ADSLNet	1	0.0.0.0/32	

Dynamic objects are updated at runtime with adapter configuration changes and cannot be edited manually.

The listing contains the following columns:

- **Name** – Name of the adapter object.
- **Referenced by** – Number of references pointing to the adapter object.
- **Status** – Current connection status of the adapter object (**connected**, **disabled** or **multi**).
- **IP's** – IP addresses and / or references assigned to the adapter object.
- **Trust** – Trust type assigned to the adapter object (**trusted** or **untrusted**).
- **Comment** – Optional adapter object description.

The following objects (assigned with status *multi*) are available:

- **Adapter [Dial-up]** – This object summarizes all dial-up adapters available on the system (e.g., UMTS, ISDN, and modem cards).
- **Adapter [Ethernet]** – This object summarizes all Ethernet adapters available on the system (e.g., LAN devices).
- **Adapter [Wireless]** – This object summarizes all wireless adapters available on the system

(e.g., WLAN cards).

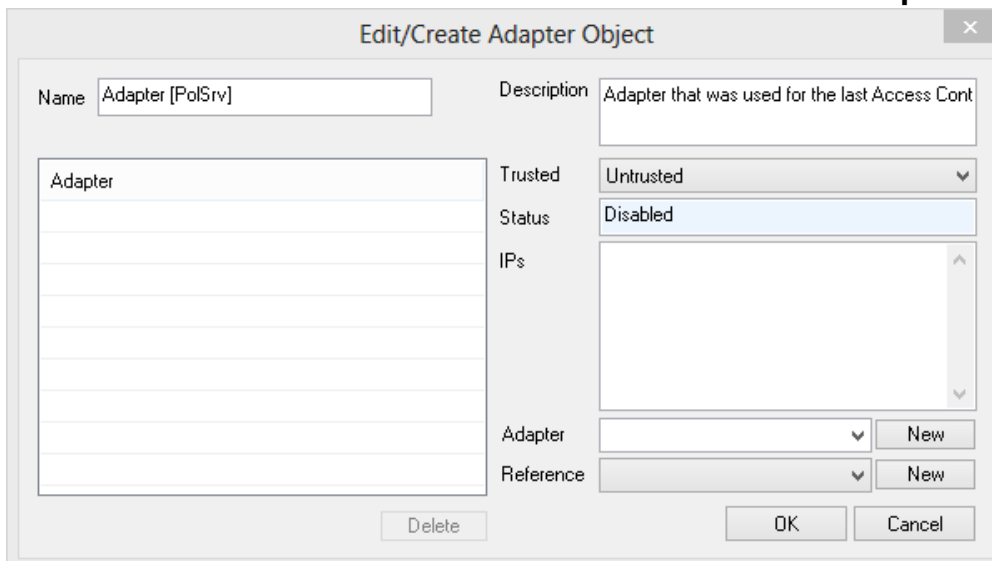
Adapters available on the system are automatically assigned to the appropriate adapter object with status type *multi*. These objects can be used to construct abstract rulesets, for example, to configure a rule that blocks access to all available dial-up or wireless adapters.

The following adapter objects are also available:

- **[Network Connection name]** (for example, **Local Area Connection**) – These are the LAN devices available on the system. The **Network Connection** name is retrieved from the Microsoft Windows **Network Connections** view (available through **Start > Control > Network Connections**). The 'logical' Microsoft Windows name, which is dependent on the operating system's language version (not the device name), is applicable for object naming.
- **VPN** – This is the virtual interface of the Barracuda VPN connection.

## Create a New Adapter Object

1. Select **New** in the bottom bar or from the context menu in the **Adapter Objects** window.



2. Enter a **Name** for the adapter object.
3. Optionally, enter an adapter **Description**.
4. From the **Trusted** list, select **Trusted** to add a reference to the network object that has been defined as **Trusted Network** in the firewall settings. If you do not want to create a reference, select **Untrusted**.

If you change the setting from **Trusted** to **Untrusted** later, the reference to the adapter object is automatically deleted from the **Trusted Network** object. References to **Untrusted** adapter objects must not be added to the **Trusted Network** object manually.

5. From the **Adapter / Reference** list, select the network adapter and/or the reference for which you create the **Adapter** object. Click **New** to add your selection to the **Adapter** list.
6. Click **OK**.

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To save configuration changes made on the Barracuda NextGen Firewall, click **Send Changes** and **Activate**. To save configuration changes made on the Barracuda Personal Firewall, use the option provided on the page, or click the **Alt** key, expand the **Firewall** menu, and select **Save Configuration**.

## Figures

1. adapter\_config.png
2. adapter\_new.png

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