Configuration Pages - Access and Controls

https://campus.barracuda.com/doc/79463227/

Expanding the configuration tree of the Barracuda CloudGen Firewall and Control Center provides access to the configuration objects. Double-clicking a configuration object opens the configuration pages section where you can modify the settings, depending on the box service. Barracuda Firewall Admin offers a set of useful tools for editing configuration sections, referencing network objects, exporting configuration files, etc.

Configuration Pages

A configuration object consists of an expandable configuration tree containing further objects, depending on the service, and the configuration pages. When accessing a page, the **Configuration** menu on the left provides links to the configuration sub-pages, and the **Configuration Mode** menu lets you switch from simple to advanced page view.

Every configuration page provides a set of editable sections, depending on the configuration requirements. The Help section on the right displays a description of each parameter and explains its functionality. A configuration page can consist of the following components:

Fields

A common configuration field takes a single entry, but it can also display a read-only setting. Some fields offer a list of selectable items. This is indicated by a dropdown arrow on the right. You can also copy entries (see **Configuration Tools**) and replace or merge them with entries previously copied to the clipboard. Some lists have an **Other** checkbox following them. Check it to override the list and type in the value manually.


Tables

Tables provide the option of adding and editing configurations (see **Configuration Tools**). When adding a configuration, pop-ups provide further options, such as entering name, description, settings etc. Configurations are then displayed in the table in descending order.
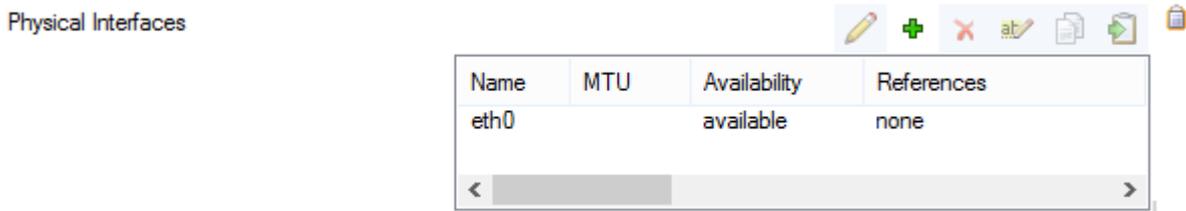
Lists

Lists provide the option of adding single configuration entries by entering or selecting them from a pop-up. Clicking the **Other** option, if present, lets you add an explicit entry.
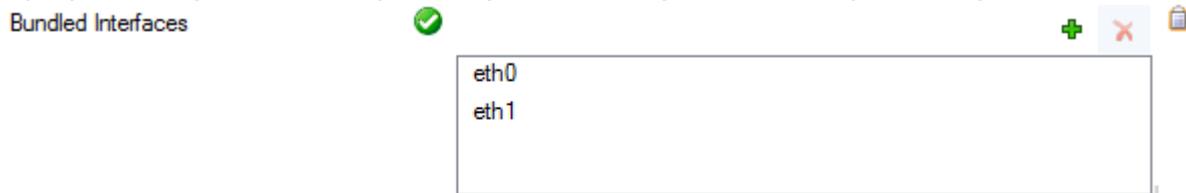
On the Barracuda Firewall Control Center, some lists provide the option to reference global network objects that are available for use in the configuration.

This is indicated by an icon (see **Configuration Tools**).
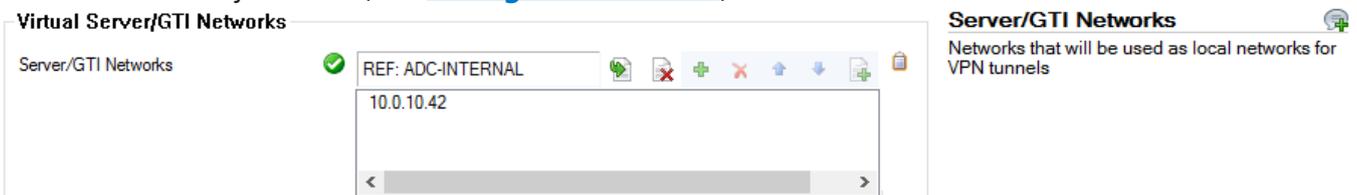
Clicking the **Set Reference** icon (![icon]) opens a window that displays all valid single and referenced network objects that are available for use with the configuration.
The following network objects can be selected, if configured:

1. Cluster- and box-specific private and public IP addresses, networks and network ranges, virtual IP addresses, and public ISP addresses that are configured on managed Barracuda CloudGen F Firewalls.
2. Cluster- and box-specific IP addresses and networks that contain a reference or are part of a reference chain.

Clicking the **Insert Reference** icon (![icon]) opens a window that displays all valid single network objects that are available without an already existing reference.
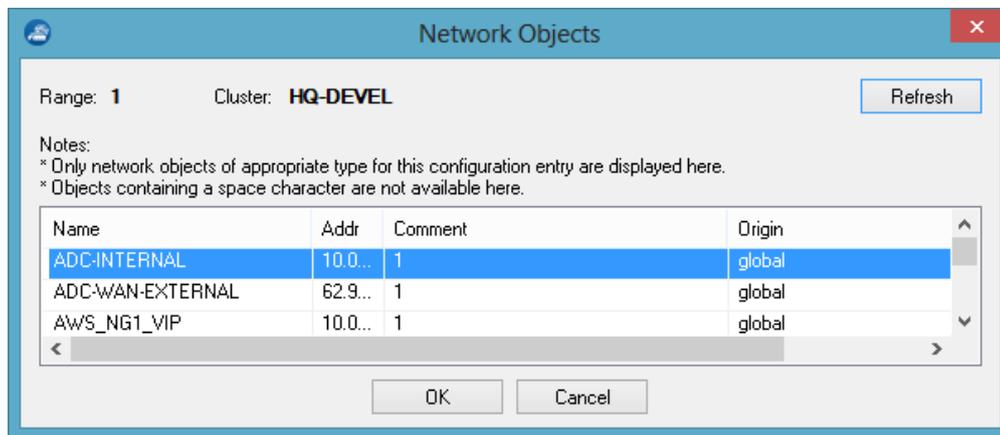
To insert a network object, select the desired entry and click **OK**.

Configuration Tools

To add and modify tables and list entries, use the icons on the configuration pages. Configuration options are indicated as follows:

Icon	Setting	Description

🗒	**Copy to clipboard /../ Show Entry History**	This icon is available for all fields. It offers a context menu that allows interaction with the clipboard and provides a view of the file history. Copy an entry, table, or list configuration to the clipboard / replace or merge with the clipboard by selecting the following options. • **Copy to Clipboard** – Copy a selected entry with the configuration properties to the clipboard. When you copy a setting, the configuration remains on the clipboard if not replaced by another copy. • **Replace with Clipboard** – Select this option to replace all the configuration settings to the state documented on the clipboard. Use this feature, for example, to revert a configuration entry or list to a previous working state. • **Merge with Clipboard** – Merge configuration entries with the clipboard when the clipboard contains additional settings. Entries on the clipboard are added to the present configuration together with their attributes, such as name, settings, etc. When merging entries from different releases, you must verify the working state by testing the configuration. • **Show Entry History** – Displays the **RCS Report** window with the configuration file history of the selected entry.
✏	**Edit**	Edit a configuration entry or section.
✚	**Add**	Add a new entry to a field, list, or table. • When adding an entry to a list, a field or list comes up asking for selection or further credentials. • When adding an entry to a configuration table, pop-ups provide further options, such as entering name, description, settings etc.
✖	**Delete**	Remove a selected entry.
ab✏	**Rename**	Rename a selected entry.
📥	**Set Reference**	Set a reference to a network object consisting of a cluster- or box-specific IP address or network that contains a reference or is part of a reference chain. When selected, the chain is displayed in the configuration as a list. When using this option, no further references can be added.
📥	**Insert Reference**	Set a reference to a single network object. This can be a cluster- or box-specific IP address, a network or network range, a virtual IP address, or a public ISP address that is configured on a managed Barracuda CloudGen Firewall. This option allows you to create a list of referenced network objects.
📥	**Remove Reference**	Remove a reference that has been added by using the **Set Reference** option.
🗐	**Clone**	Clone a selected entry. This option duplicates the configuration and adds it under the original entry. • When adding a cloned entry to the list, you must enter a unique name.
📋	**Copy to clipboard**	Copy a selected entry with the configuration properties to the clipboard.

📋	**Select from list**	Offers a list of selectable entries. Select an entry from the list and click **OK**.
⬆	**Up**	Move an entry up in a list or table. Use this icon to sort list or table entries.
⬇	**Down**	Move an entry down in a list or table. Use this icon to sort list or table entries.

Barracuda Firewall Admin Password Strength Policy

Some configurations require user credentials / passwords to be entered. Passwords can consist of small and capital characters, numbers, and non-alpha-num symbols. When creating a password, Barracuda Firewall Admin combines the entry rating points and rates the password strength according to the entered characters.

Entry	Rating		Entry	Rating		Entry	Rating
length > 7	1 point		a capital character	1 point		a non alpha-num symbol	1 point
length > 15	2 points		2 different capital characters	2 points		2 different non alpha-num symbols	2 points
a small character	1 point		a digit	1 point			
2 different small characters	2 points		2 different digit	2 points			

Passwords are rated and displayed as follows:

Password Rating	Password Strength	Display Color
1 to 4 points	weak	red
5 to 7 points	medium	orange
8 to 9 points	strong	green
10 points	best	green

Figures

1. ConfigPages.png
2. list01.png
3. table01.png
4. list02.png
5. net.png
6. ref01.png
7. net03.png
8. net01.png
9. clip.png
10. edit.png
11. add.png
12. del.png
13. rename.png
14. ref.png
15. net02.png
16. rem_ref.png
17. clone.png
18. copy.png
19. sel.png
20. up.png
21. down.png
22. pw_rate.png