

CC CONFIGURATION Tab

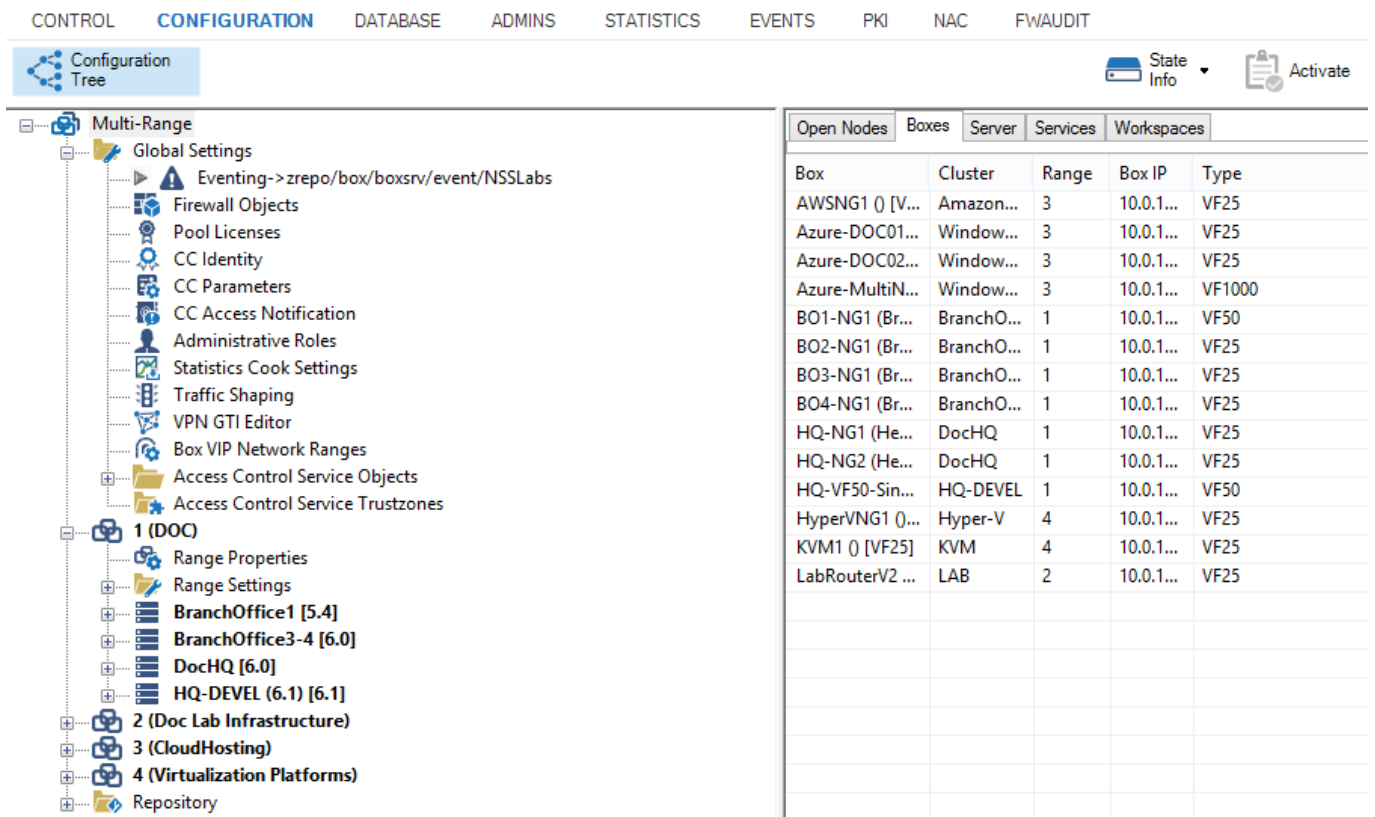
<https://campus.barracuda.com/doc/46209154/>

The configuration of the Barracuda NextGen Control Center is accessible under the **CONFIGURATION** tab. This area allows configuration of the Barracuda NextGen Control Center and remote configuration of the managed Barracuda NextGen Firewall F-Series units.

In this article:

Information Display

The main display of the **Configuration** page consists of two frames: the left one shows the Configuration Tree, the right one provides information listed under tabs.



Box	Cluster	Range	Box IP	Type
AWSNG1 () [V...	Amazon...	3	10.0.1...	VF25
Azure-DOC01...	Window...	3	10.0.1...	VF25
Azure-DOC02...	Window...	3	10.0.1...	VF25
Azure-MultiN...	Window...	3	10.0.1...	VF1000
BO1-NG1 (Br...	BranchO...	1	10.0.1...	VF50
BO2-NG1 (Br...	BranchO...	1	10.0.1...	VF25
BO3-NG1 (Br...	BranchO...	1	10.0.1...	VF25
BO4-NG1 (Br...	BranchO...	1	10.0.1...	VF25
HQ-NG1 (He...	DocHQ	1	10.0.1...	VF25
HQ-NG2 (He...	DocHQ	1	10.0.1...	VF25
HQ-VF50-Sin...	HQ-DEVEL	1	10.0.1...	VF50
HyperVNG1 ()...	Hyper-V	4	10.0.1...	VF25
KVM1 () [VF25]	KVM	4	10.0.1...	VF25
LabRouterV2 ...	LAB	2	10.0.1...	VF25

Configuration Tree Controls

The Configuration Tree lists all configuration pages in an hierarchical order, just like the Configuration Tree on a Barracuda NextGen Firewall F-Series (see [CONFIGURATION Tab](#)). The **Multi-Range** node represents the highest level within the hierarchy and contains all available ranges, clusters, and boxes that are managed by the Barracuda NextGen Control Center.

From here, you can manage your configurations and administrative sessions. You can also identify which nodes have been modified. To access the subpages of a configuration section, click **+** (expand). When you right-click the nodes of the Configuration Tree, you are provided with options to manage your systems, virtual servers, services, and administrative sessions. The following table lists some of the available options:

- **Collapse All** - Closes all open nodes in the Configuration Tree down to the top level.
- **Properties** - Opens a window that displays the properties of the configuration node.
- **Lock** - Locks write access to the selected node or tree branch. A lock icon is then displayed next to the node or branch. This lets other administrators know that the page has been locked for editing. If a page has been locked by you, a yellow lock is displayed next to it. If a page is locked by another administrator, a gray lock is displayed next to it. Selecting **Show Lock Info** from the context menu displays the information about the administrator who has locked the selected node or tree branch. **Break Lock** breaks the lock held by another administrator on the selected node or tree branch. **Unlock** releases write access to the configuration page. It is recommended that you unlock all configuration files before quitting a session or starting another task.

To prevent administrators from overwriting each other's changes, you can only break locks that belong to broken sessions that are older than 10 minutes. An active session is broken when the associated client is suddenly disconnected and cannot successfully reconnect. You cannot break locks held in active sessions. However, if you have the appropriate permissions, you can kill sessions that own the lock.

When you kill a session, you are forcing an undo on the database. The administrator who owns the killed session will lose all configuration changes that have not yet been activated.

- **Copy To Repository** - Copies the selected configuration page to the corresponding repository section. This option is only available after you create a repository.
- **Refresh From Here** - Updates the view of the Configuration Tree from the selected node.
- **Show RCS Versions** - Displays Revision Control System (RCS) information for the selected nodes. For more information, see [Revision Control System \(RCS\)](#).
- **Show History** - Displays a history of the locks that have been made to the selected node.
- **Show Backlinks** - Shows references to other objects if available.
- **Show Backlink Overrides** - Displays overrides if backlinks are present.
- **Show Config Definition** - Opens a window displaying the details of this configuration node.
- **Remember Position** - If you want Barracuda NextGen Admin to open at a specific node for your next session, right-click the node and select **Remember Position**. To clear the saved position, right-click it and select **Clear Remember Position**.

The following options are only available when you right-click the **Multi-Range** node:

- **Create Range** – Clicking this entry allows creating a new range.
- **Toggle Permission View** – Clicking this entry displays the configurable read (r) and write (w) permissions for each entry of the configuration tree. For information on how to configure permission settings, refer to the last section in this article (**Defining Node Properties**).
- **Toggle Release View** – Clicking this entry displays the release version numbers of all boxes, servers, and services included in the **Multi-Range** configuration.
- **Restrict View to Range, Restrict View to Cluster** – These entries become available with either selection of **Range** or **Cluster** node. Clicking the respective entry restricts the view to the selected range or cluster accordingly.
- **Show Full tree** – This entry becomes available when the configuration tree view is restricted to either range or cluster view (see above). Clicking it expands the configuration tree view to display of all ranges and clusters.
- **Migrate Clusters, Migrate Ranges, Migrate Complete Tree** – For a description of these context menu entries, refer to: [Updating F-Series Firewalls and Control Centers](#).

The following options are only available when you right-click the **Box** node:

- **Reset to Cluster Default** – Resets the configuration view to cluster default.
- **Create PAR file for box** – Creates a PAR file for the selected box.
- **Remove DHA box** – Deletes the DHA unit.
- **Copy Box** – Creates a copy of the selected box.
- **Launch Control for box** – Launches the login screen providing the login details for the Barracuda NextGen Control Center that manages the selected box.
- **Refresh from here** – Updates the view of the Configuration Tree from the selected box.
- **Collapse** – Collapses all nodes in the selected tree branch.
- **Expand** – Opens all nodes in the selected tree branch.
- **Show RCS Report** – Displays Revision Control System (RCS) information for the selected nodes. For more information, see [Revision Control System \(RCS\)](#).
- **Show RCS Session Report** – Displays Revision Control System (RCS) information for the selected system. For more information, see [Revision Control System \(RCS\)](#).

The following options are only available when you right-click the **Virtual Servers** node:

- **Create Server** – Creates a virtual server.
- **Add Shared Service to all Servers** – Opens a window that lets you select a shared service from a list if configured.

The following options are only available when you right-click the **Assigned Services** node:

- **Create Service** – Creates a service.
- **Add Shared Service** – Opens a window that lets you select a shared service from a list if configured.

- **Remove Service** - Marks the selected service for deletion.

Tabs Section

The right section of the configuration window provides the following information listed under tabs.

- **Open Nodes** - Provides access to all opened configuration files.
- **Boxes** - Provides access to the boxes configuration files.
- **Server** - Provides access to the virtual server configuration files.
- **Services** - Provides access to the assigned services configuration files.

If there is no right frame on your screen, open it with your mouse from the right side of the main window.

To switch from the Barracuda NextGen Control Center to a box, right-click the desired box and choose **Launch Control for Box** from the context menu.

Box	Cluster	Range	Box IP	Type
HQ-Perimeter-HA1 0	Headoffice	1	10.0.66.112	
HQ-Perimeter-HA1 1			10.0.66.113	
ISPs ()			10.0.66.115	
RO-Munich			10.0.66.116	
RO-Zurich			10.0.66.117	

- **Workspaces** - Provides access to configured workspaces.

Defining Node Properties

For additional access restriction, the Barracuda NextGen Control Center offers a context menu for the definition of node properties for each item of the Configuration Tree. To access the context menu, right-click an entry in the Configuration Tree and select **Properties**. The node properties are displayed as follows:

General Section

- **Name** - Purely informational; displays name of the service's software module.

- **Description** – Purely informational; displays a short description for the software module.
- **Created** – Purely informational; displays date/time, admin, adminIP of service creation.
- **Last Modified** – Purely informational; displays date/time, admin, admin IP of last modification.
- **Release** – Release version installed on the box.

Administrative Level Section

- **Your Level** – Purely informational; displays your administrative level.
- **Read** – By entering the corresponding configuration level, the read permission is specified. Any level lower than the set one has access (see: [How to Configure Administrative Profiles](#)).
- **Write** – By entering the corresponding configuration level, the write permission is specified. Any level lower than the set one has access (see: [How to Configure Administrative Profiles](#)).
- Click **Change** to save the new configuration.
- **Modify Event** – This menu specifies the type of event notification if the corresponding file is modified. Available notification types are:
 - **No Event** (default)
 - **Normal Event** (generates event Config Node Change Notice [2400])
 - **Notice Event** (generates event Config Node Change Warning [2401])
 - **Alert Event** (generates event Config Node Change Alert [2402])
- **History** – states configuration actions performed on this entity; administrator and peer IP are logged:
 - **param** – when changes to the read or write level were made.
 - **lock** when conf entity was locked.
 - **unlock** – when conf entity was unlocked.
 - **change** – when conf entity was changed.
 - **add** – when a server/service object was added to the conf tree.

Figures

1. cc_conf.png
2. cc_launch.png

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