

How to Configure Administrative Roles

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As part of an administrative profile, administrative roles define the operative permissions and restrictions of an administrative user to the different services of the Barracuda Firewall Control Center and the managed Barracuda CloudGen Firewalls. When configuring administrative roles, you can define which services the administrative user is allowed to access and which operations they are allowed or denied to perform on the services. You can then assign the role to an administrative profile (see [How to Configure Administrative Profiles](#)).

Roles Permissions and Restrictions

Administrative roles permissions and restrictions are defined as follows:

Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
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CC Configuration	Access to CC Config	Yes	Yes	Yes	Yes	Yes
	Kill Sessions	Yes	Yes	No	Yes	No
	Change Permissions	Yes	No	No	Yes	No
	Change Events	Yes	No	No	Yes	No
	Show Admins	Yes	No	Yes	Yes	No
	Manage Admins	No	No	No	No	Yes
	Create/Remove Range	Yes	No	No	Yes	No
	Create/Remove Cluster	Yes	No	No	Yes	No
	Use RCS	Yes	No	Yes	Yes	No
	Create/Remove Boxes	Yes	No	No	Yes	No
	Create/Remove Servers	Yes	No	No	Yes	No
	Create/Remove Service	Yes	No	No	Yes	No
	Create/Remove Repository	Yes	No	No	Yes	No
	Manage HA Sync	Yes	Yes	No	Yes	No
	Create PAR File	Yes	No	No	Yes	No
	Allow Config View on Box	Yes	Yes	Yes	Yes	No
	Allow Emergency Override	Yes	No	No	Yes	No
	Create/Remove Workspace	Yes	No	No	Yes	No
	Change Workspaces	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators

CC Control	Access to CC Control	Yes	Yes	Yes	Yes	Yes
	Show Map	Yes	Yes	Yes	Yes	Yes
	Show Config Updates	Yes	Yes	Yes	Yes	Yes
	Manage Config Updates	Yes	Yes	No	Yes	Yes
	Show Box REXEC	Yes	Yes	Yes	No	No
	Manage Box REXEC	Yes	No	No	No	No
	Show Box Firmware Updates	Yes	Yes	Yes	No	No
	Manage Box Firmware Updates	Yes	Yes	No	No	No
	Manage Box File Update	Yes	Yes	No	No	No
	Show Box File Update	No	No	Yes	No	No
	Manage Box Geo Position	Yes	Yes	No	Yes	No
	Manage Box Activation	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
CC Firewall Audit Info Viewer	Access to Firewall Audit Info Viewer	Yes	Yes	Yes	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
CC PKI service	Access to CC PKI service	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators

Control	Access to Control	Yes	Yes	Yes	Yes	No
	Start/Stop Server	Yes	Yes	No	No	No
	Block Server	Yes	Yes	No	No	No
	Start/Stop Service	Yes	Yes	No	No	No
	Block Service	Yes	Yes	No	No	No
	Delete Wild Route	Yes	Yes	No	No	No
	Activate New Configuration	Yes	Yes	No	Yes	No
	Restart Network Subsystem	Yes	Yes	No	No	No
	Set or Sync Box Time	Yes	Yes	No	Yes	No
	Firmware Restart	Yes	Yes	No	No	No
	Reboot/Shutdown System	Yes	Yes	No	No	No
	Activate Kernel Update	Yes	No	No	No	No
	Kill Sessions	Yes	Yes	No	No	No
	Import License	Yes	Yes	No	Yes	No
	Remove License	Yes	Yes	No	Yes	No
	View License Data	Yes	Yes	No	Yes	No
	SCEP Operations	Yes	Yes	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Event	Access to Event	Yes	Yes	Yes	Yes	No
	Silence Events	Yes	Yes	No	Yes	No
	Stop Alarm	Yes	Yes	No	Yes	No
	Mark as Read	Yes	Yes	No	Yes	No
	Confirm Events	Yes	Yes	No	Yes	No
	Delete Events	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Log	Access to Log	Yes	Yes	Yes	Yes	No
	Read Box Logfiles	Yes	Yes	Yes	Yes	No
	Delete Box Logfiles	Yes	No	No	Yes	No
	Read Service Logfiles	Yes	Yes	Yes	Yes	No
	Delete Service Logfiles	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators

Statistics	Access to Statistics	Yes	Yes	Yes	Yes	No
	Read Box Statistics	Yes	Yes	Yes	Yes	No
	Delete Box Statistics	Yes	No	No	Yes	No
	Read Service Statistics	Yes	Yes	Yes	Yes	No
	Delete Service Statistics	Yes	No	No	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
DHCP	Access to DHCP	Yes	Yes	Yes	No	No
	Allow deletion of leases	Yes	Yes	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Access Control Service	Access to Access Control Service	Yes	Yes	Yes	No	No
	Allow deletion of access cache entries	Yes	No	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
CC Access Control Service	Access to CC Access Control Service	Yes	Yes	Yes	No	No
	Enable Commands	Yes	No	No	No	No
	Block Box Svnc	Yes	No	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Firewall	Access to Firewall	Yes	Yes	Yes	Yes	No
	Terminate Connections	Yes	Yes	No	No	No
	Modify Connections	Yes	Yes	No	No	No
	Kill Handler Processes	Yes	Yes	No	No	No
	Dynamic Rule Control	Yes	Yes	No	No	No
	Toggle Trace	Yes	Yes	No	No	No
	View Trace Output	Yes	Yes	No	No	No
	Change Settings	Yes	Yes	No	No	No
	View Ruleset	Yes	Yes	Yes	Yes	No
	Manipulate Access Cache Entries	Yes	No	No	No	No
	Access ATP and Quarantine Management	Yes	Yes	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators

VPN	Access to VPN	Yes	Yes	Yes	Yes	No
	Terminate VPN Tunnels	Yes	Yes	No	No	No
	Disable/Enable VPN Tunnels	Yes	Yes	No	No	No
	View Configuration	Yes	Yes	Yes	Yes	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Mail Gateway service	Access to Mail Gateway service	Yes	Yes	Yes	No	No
	Enable Commands	Yes	No	No	No	No
	View Stripped Attachments	Yes	No	No	No	No
	Retrieve Stripped Attachments	Yes	No	No	No	No
	Delete Stripped Attachments	Yes	No	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Virus Scanner service	Access to Virus Scanner service	Yes	Yes	Yes	No	No
	Allow Block Virus Pattern Update	Yes	Yes	No	No	No
	Allow Manual Virus Pattern Update	Yes	Yes	No	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
HTTP Proxy service	Access to HTTP Proxy service	Yes	Yes	Yes	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
Wi-Fi Access Point service	Access to Wi-Fi	Yes	Yes	Yes	No	No
Box Menu	Software Item	Manager	Operator	Observer	Editor	Administrators
REST API	Access to REST API	Yes	No	No	No	No
Internal API Access	Access to internal REST Api interface	Yes	No	No	No	No
External API Access	Access to external REST Api interface	Yes	No	No	No	No
Write Access	Access to REST Api interface	Yes	No	No	No	No

Configure Administrative Roles

1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > Global Settings > Administrative Roles**.
2. Click **Lock**.
3. In the **Roles** section, click **+** to create a new role. You can also edit and modify an existing entry.
4. Enter a **Name** for the role (only numbers are allowed) and click **OK**. The **Roles** configuration window opens.
5. To provide the administrative role with access to a service:
 1. Select the **Access to <service name>** check box.
 2. Click **Set/ Edit** to configure detailed permissions for the service and click **OK**.

It is recommended that you grant the **Show Map** permission in the **CC Control Module** section to every admin role. Admins that do not have this permission will get an error message immediately after they log into the Control Center.
6. Click **OK**.
7. Click **Send Changes** and **Activate**.

You can now assign the administrative role to an administrative user profile (see [How to Configure Administrative Profiles](#)).

Apply the Administrative Role to a Profile

1. Click the **ADMINS** tab.
2. Right-click the admin profile in the list and select **Lock**.
3. Edit the profile.
4. Select the administrative role from the **Roles** list. (If you just want to assign specific roles, clear the **Allow All Operations** check box.)
5. Click **OK**.
6. Click **Activate**.

The administrative user can now view and edit settings and services on the Barracuda Firewall Control Center according to their assigned roles.

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