Control Center Troubleshooting

The following troubleshooting tips may help correct some common errors.

The Barracuda NextGen Control Center cannot send configuration updates

If the Barracuda NextGen Control Center cannot send a configuration update to a Barracuda NextGen Firewall F-Series, the gateway might be offline. In this case, the Control Center keeps attempting to send the update. The waiting period between attempts is increased after each update failure. After twenty failed attempts, the waiting period is increased to one hour. On the CC Configuration Updates Page, you can manually send the update. Right-click the F-Series Firewall and select **Update Now**.

'Authentication Failed' message when logging into a Barracuda NextGen Firewall F-Series

If you receive an 'Authentication Failed' message when you log directly into an F-Series Firewall from the CC Status Map Page, you might need to change the root password. To change the root password, click the **CONFIGURATION** tab. In the Config Tree, navigate to the F-Series Firewall, expand the box, and double-click **Administrative Settings**. In the **Root Password** section, change the root password. If the root password is linked from a repository, you must change the password in the repository object.

You have locked yourself out of the managed F-Series Firewalls after changing the CC IP addresses or certificates

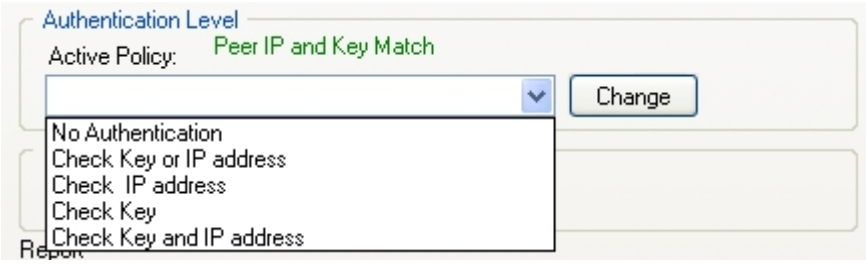
Authentication Levels for Control Center - Box Communication

Since the Barracuda NextGen Admin uses the same communication protocol as the Control Center, this setting applies to any Barracuda NextGen Admin-based login attempt with the user *master*.

As stated above, the Control Center-box trust relationship is governed by private/public key technology. Thus, in a working environment, the Control Center knows its boxes, and the boxes recognize the Control Center as their one and only authority. The default level of authentication is that a box and its Control Center identify themselves by their keys and IP addresses. This means that the Control Center does not send any configuration data to untrusted boxes, and no box accepts data from an untrusted source. If, however, the Control Center does not have a valid license (and, therefore, no certificate) or major migrations are made, it might be necessary to reduce the authentication level for a short period to establish a new trust relationship. Depending on which component is the untrusted one, this has to be done either on the Control Center (**Control** > **Configuration Updates** > **Untrusted Update** checkbox selected) or on the box itself to make the unit accept the incoming data.

Setting	Level	Meaning and effect
No Authentication	-1	Anything goes. The system allows any attempt to send or retrieve configuration data. Use only if necessary and change back as soon as possible.
Check IP address or key	0	Login is accepted if either IP address or the key challenge is successful. (still quite insecure)
Check IP address	1	Login is accepted if demanded IP address is at hand. (still quite insecure)
Check key	2	Login is accepted if key challenge is successful.
Check IP address and key	3	This is the default setting and should remain as such if there is no need to lower the security level temporarily.

Extract from the **Box** tab in the **Box** > **Control** window where authentication level can be lowered to interaction-free authentication:



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