

How to Activate Network Changes

<https://campus.barracuda.com/doc/48202790/>

After changing the configuration of the network subsystem, you must activate the new network configuration. Depending on whether the management IP address is also changed, the following options are available:

Network activation without changes to the management IP address

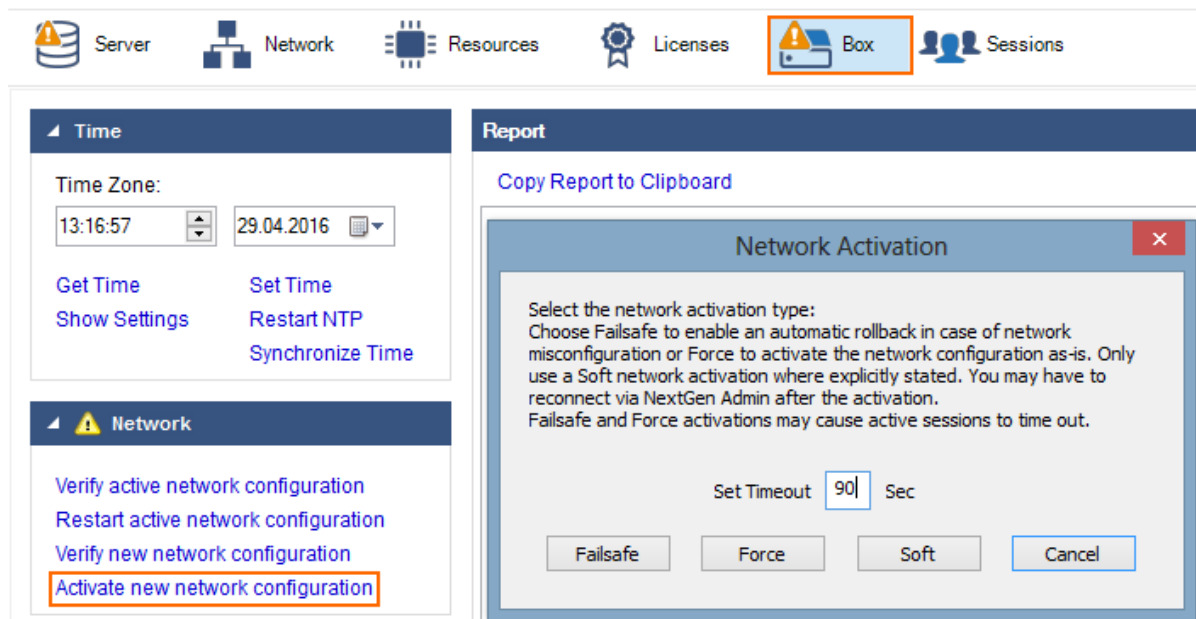
- **Failsafe** – A backup of the existing configuration is created, and the new network configuration is activated. If the connection to Barracuda NextGen Admin is established successfully after activation, the network activation is complete. If it fails, the network configuration is reverted to the previously working state. During activation in Failsafe mode, the whole network system is shut down, and the Barracuda NextGen Firewall F-Series is briefly unreachable. Active connections may time out.
- **Force** – In this activation mode, the new network configuration is activated without making a backup of the old configuration. If the new network configuration does not work, there is no fallback mechanism. During activation in Force mode, the whole network system is shut down and the F-Series Firewall is briefly unreachable. Active connections may time out.
- **Soft** – Activates the network configuration without restarting the network subsystem. Services, such as the control service, monitoring the active network configuration file may introduce the changes in the network configuration immediately. Reboot the firewall to complete the network activation. Active connections continue uninterrupted.

Network activation with management IP address changes

- **Activate now** – Use this option when a management IP address has been changed. If there are multiple management IPs, you can either select them from the list or manually enter the IP address you want to connect to after the network activation. After the new network configuration has been activated, the firewall reconnects to the new IP address. During activation in this mode, the firewall is shut down and active connections may time out.

Activating network configuration changes

1. Go to **CONTROL > Box**.
2. In the left menu, expand the **Network** section and click **Activate new network configuration**.
3. Select the desired activation mode.



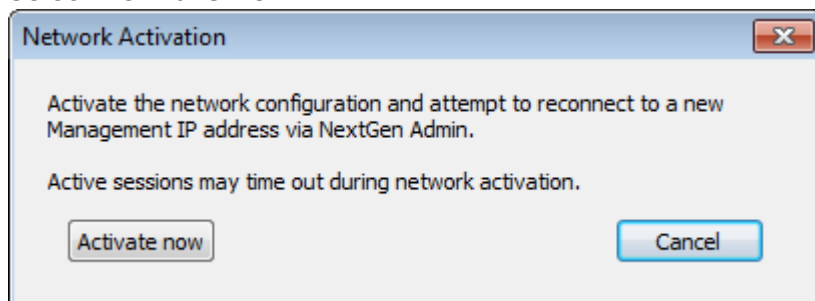
The screenshot shows the Barracuda CloudGen Firewall interface. At the top, there are navigation tabs: Server, Network, Resources, Licenses, Box (highlighted with an orange border), and Sessions. Below the tabs, there are two main panels. The left panel has a 'Time' section with a 'Time Zone' dropdown set to '13:16:57' and a date '29.04.2016'. Below this are links for 'Get Time', 'Set Time', 'Show Settings', 'Restart NTP', and 'Synchronize Time'. The right panel has a 'Report' section with a 'Copy Report to Clipboard' link. Below the 'Report' section is a 'Network Activation' dialog box. The dialog box has a title bar with a close button (X). The main text reads: 'Select the network activation type: Choose Failsafe to enable an automatic rollback in case of network misconfiguration or Force to activate the network configuration as-is. Only use a Soft network activation where explicitly stated. You may have to reconnect via NextGen Admin after the activation. Failsafe and Force activations may cause active sessions to time out.' Below this text is a 'Set Timeout' field with the value '90' and the unit 'Sec'. At the bottom of the dialog box are four buttons: 'Failsafe', 'Force', 'Soft', and 'Cancel'.

After activation, the network may briefly show an error state until all connections are established.

Activating the network configuration when a management IP address changes

When a management IP address has been changed, the F-Series Firewall offers the **Activate now** option.

1. Go to **CONTROL > Box**.
2. In the left menu, expand the **Network** section and click **Activate new network configuration**.
3. Select **Activate now**.



4. During activation, the firewall displays a 'Reconnecting' message:

Reconnecting to 10.0.10.67 ...

After the process has finished, NextGen Admin attempts to connect to the new management IP address.

Figures

1. Activate_New_Network.png
2. activate_now.png
3. activate_reconn.png

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