

## How to Activate Network Changes

<https://campus.barracuda.com/doc/43847169/>

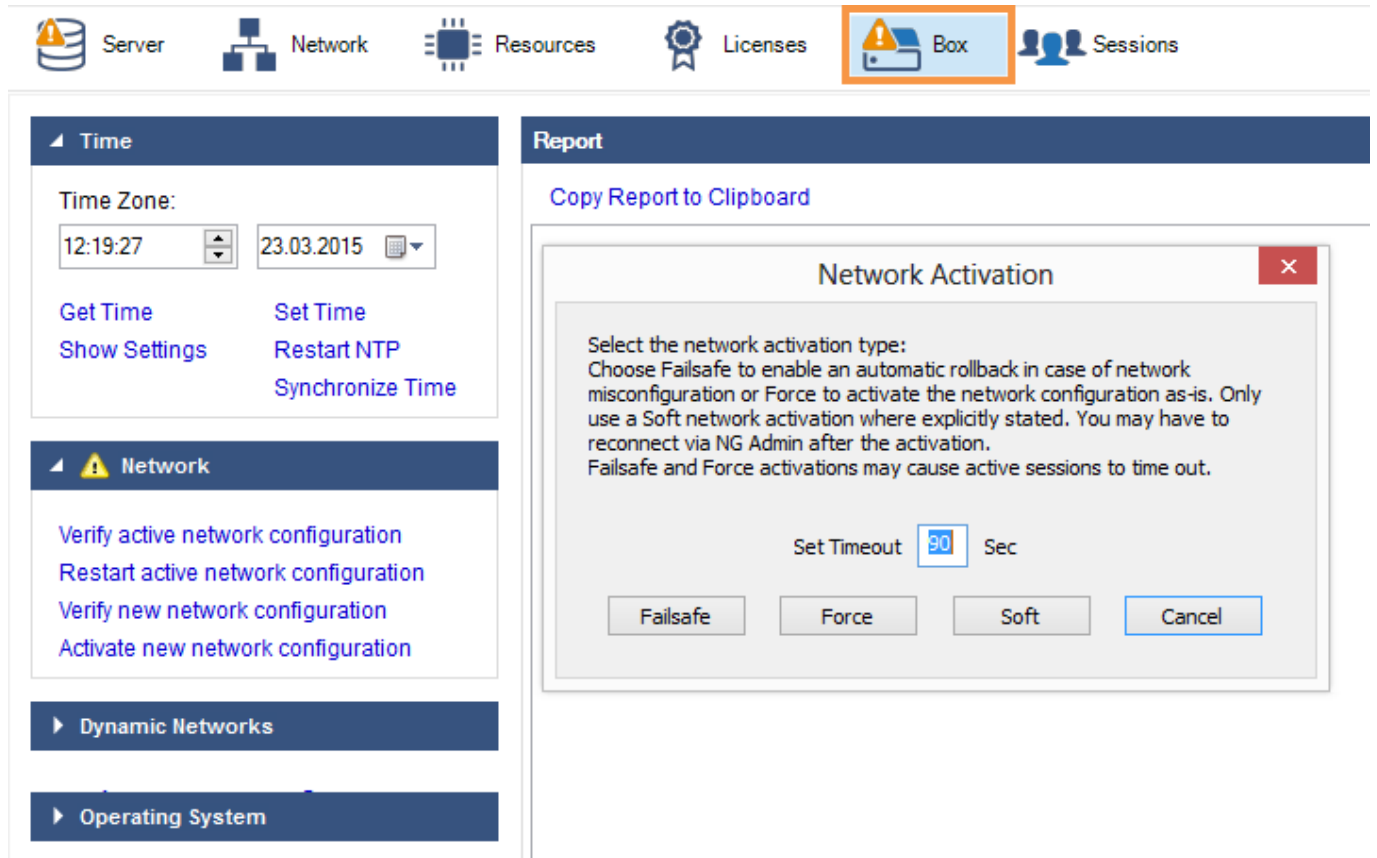
After changing the configuration of the network subsystem, you must activate the new network configuration. There are three types of network activation:

- **Failsafe** – A backup of the existing configuration is created, and the new network configuration is activated. If the connection to NG 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 NG Firewall is briefly unreachable. All active connections are terminated.
- **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 Barracuda NG Firewall is briefly unreachable. All active connections are terminated.
- **Soft** – Only use the Soft activation mode to add a route to an existing network configuration. All other network configuration changes cannot be activated in Soft mode. During activation in this mode, the network system is not shut down and firewall connections are not interrupted.

Alternatively, you can soft activate a new network configuration and reboot the Barracuda NG Firewall or NG Control Center for the network configuration changes to take effect.

### Activate the Network Configuration

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



The screenshot shows the Barracuda CloudGen Firewall management interface. At the top, there is a navigation bar with icons for Server, Network, Resources, Licenses, Box (highlighted with an orange border), and Sessions. Below this, the main content area is divided into two columns. The left column contains a 'Time' section with a time zone dropdown set to '12:19:27' and a date dropdown set to '23.03.2015'. Below the time section is a 'Network' section with a warning icon and several links: 'Verify active network configuration', 'Restart active network configuration', 'Verify new network configuration', and 'Activate new network configuration'. At the bottom of the left column are two expandable sections: 'Dynamic Networks' and 'Operating System'. The right column is titled 'Report' and contains a link 'Copy Report to Clipboard'. A 'Network Activation' dialog box is open in the foreground, featuring a title bar with a close button (X). The dialog 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 NG Admin after the activation. Failsafe and Force activations may cause active sessions to time out.' Below the text is a 'Set Timeout' field with a numeric input set to '90' and the unit 'Sec'. At the bottom of the dialog are four buttons: 'Failsafe', 'Force', 'Soft', and 'Cancel'.

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

## Figures

### 1. Activate\_New\_Network.png

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