
How to Activate and License a CloudGen Firewall High Availability Cluster

<https://campus.barracuda.com/doc/72515897/>

For a high availability cluster, each unit must have its own licenses. Both units must be joined in an HA cluster before activating the licenses, and both the client running Barracuda Firewall Admin and the firewalls must be able to connect to the Barracuda licensing servers. Always activate the licenses for the secondary unit before activating the licenses for the primary unit. For information on how to use and install Barracuda Firewall Admin, see [Barracuda Firewall Admin](#).

Before You Begin

Create a high availability cluster. For more information, see [How to Set Up a High Availability Cluster](#).

Step 1. Activate the Secondary Unit

Depending on which type of deployment you are using, complete one of the following activation procedures:

- **Hardware Unit** - [How to Activate and License a Stand-alone Hardware CloudGen Firewall Using Barracuda Firewall Admin](#)
- **Virtual or Cloud Unit** - [How to Activate and License a Stand-alone Virtual or Public Cloud Firewall or Control Center](#) if you are using Barracuda CloudGen Firewall Vx units.

After Barracuda Firewall Admin activates the unit, it recognizes its HA partner status and waits for the licenses to be activated and downloaded to the primary unit. After the licenses have been successfully retrieved, a notification window appears, and the **Activation State** switches to **Current**.

Step 2. Activate and License the Primary Unit

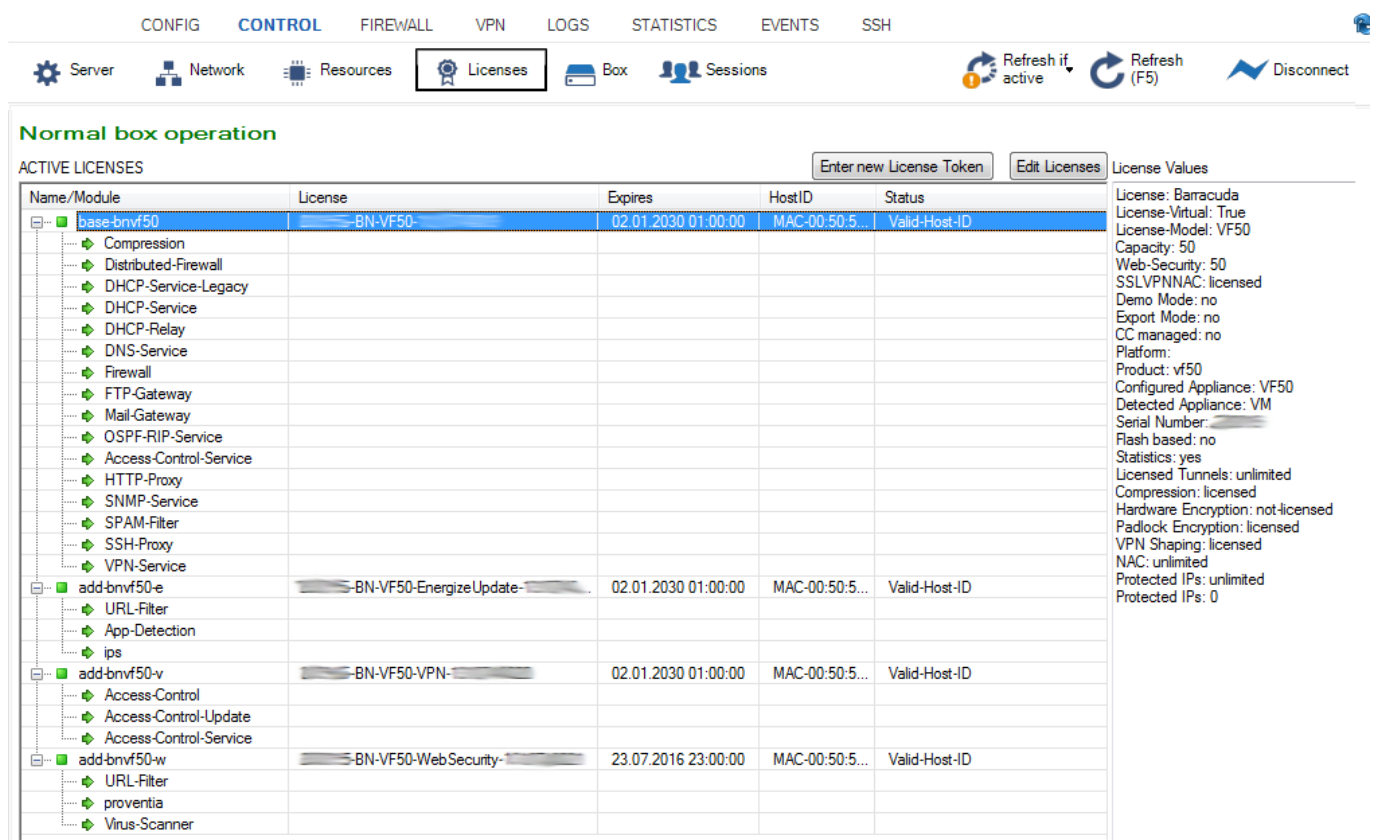
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Following activation, licenses for the primary and secondary units are downloaded to the primary unit. The secondary unit automatically receives its license via HA Sync.

Step 3. Verify the License Status on your High Availability Units

Both units in the HA cluster are now licensed. Verify that all of your purchased licenses are listed on the **Status > Licenses page** and that the status is **Normal box operation**.



The screenshot shows the 'Licenses' page in the Barracuda CloudGen Firewall interface. The page title is 'Normal box operation'. The interface includes a navigation menu at the top with options like CONFIG, CONTROL, FIREWALL, VPN, LOGS, STATISTICS, EVENTS, and SSH. Below the navigation, there are icons for Server, Network, Resources, Licenses (highlighted), Box, and Sessions. On the right, there are buttons for 'Refresh if active', 'Refresh (F5)', and 'Disconnect'.

The main content area is titled 'ACTIVE LICENSES' and contains a table with the following columns: Name/Module, License, Expires, HostID, and Status. The table lists several licenses for different modules, including 'base-bnrvf50', 'add-bnrvf50-e', 'add-bnrvf50-v', and 'add-bnrvf50-w'. Each license entry shows the license name, the expiration date, the host ID, and the status 'Valid-Host-ID'.

On the right side of the table, there is a 'License Values' section with the following details:

- License: Barracuda
- License-Virtual: True
- License-Model: VF50
- Capacity: 50
- Web-Security: 50
- SSLVPNAC: licensed
- Demo Mode: no
- Export Mode: no
- CC managed: no
- Platform: vf50
- Product: vf50
- Configured Appliance: VF50
- Detected Appliance: VM
- Serial Number: [redacted]
- Flash based: no
- Statistics: yes
- Licensed Tunnels: unlimited
- Compression: licensed
- Hardware Encryption: not-licensed
- Padlock Encryption: licensed
- VPN Shaping: licensed
- NAC: unlimited
- Protected IPs: unlimited
- Protected IPs: 0

Troubleshooting

Activating the primary unit prior to the secondary unit prevents the primary unit from retrieving the secondary unit's licenses. Reboot the primary unit and perform a complete HA update to download and install the licenses correctly.

Figures

1. License-overview.png

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