
How to Activate and License a Barracuda NG High Availability Cluster

<https://campus.barracuda.com/doc/43847146/>

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 NG Admin must be able to connect to the Internet. You must activate the licenses for the secondary unit before activating the licenses for the primary unit.

In this article:

Before You Begin

Create an HA cluster by following the instructions described in [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 Standalone Hardware Barracuda NG Appliance](#)
- **Virtual or Cloud Unit** – [How to Activate and License a Standalone Virtual Barracuda NG Firewall](#) if you are using Barracuda NG Vx units.

After NG 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

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

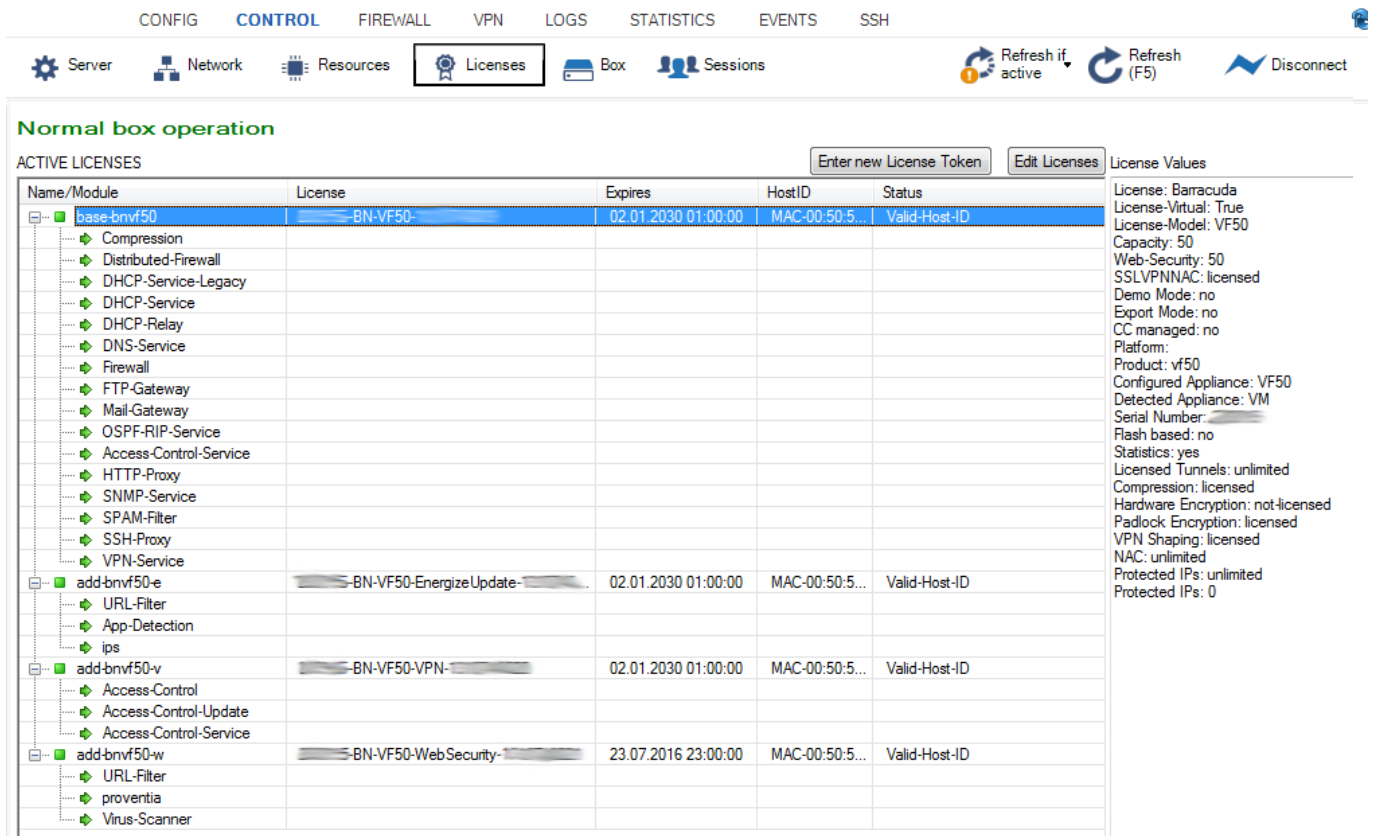
- **Hardware Unit** – [How to Activate and License a Standalone Hardware Barracuda NG Appliance](#)

- **Virtual or Cloud Unit** – [How to Activate and License a Standalone Virtual Barracuda NG Firewall](#) if you are using Barracuda NG Vx units.

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 your purchased licenses are listed on the **Status > Licenses page** and that the status is **Normal box operation**.



Name/Module	License	Expires	HostID	Status
base-bnrvf50	BN-VF50	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnrvf50-e	BN-VF50-EnergizeUpdate	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnrvf50-v	BN-VF50-VPN	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnrvf50-w	BN-VF50-WebSecurity	23.07.2016 23:00:00	MAC-00:50:5...	Valid-Host-ID

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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