
How to Activate and License a NextGen F-Series High Availability Cluster

<https://campus.barracuda.com/doc/46209444/>

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

When activating virtual or cloud boxes, make sure that **Product Type** and **Hardware Model** in the HA **Box Properties** configuration match your license.

After NextGen 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

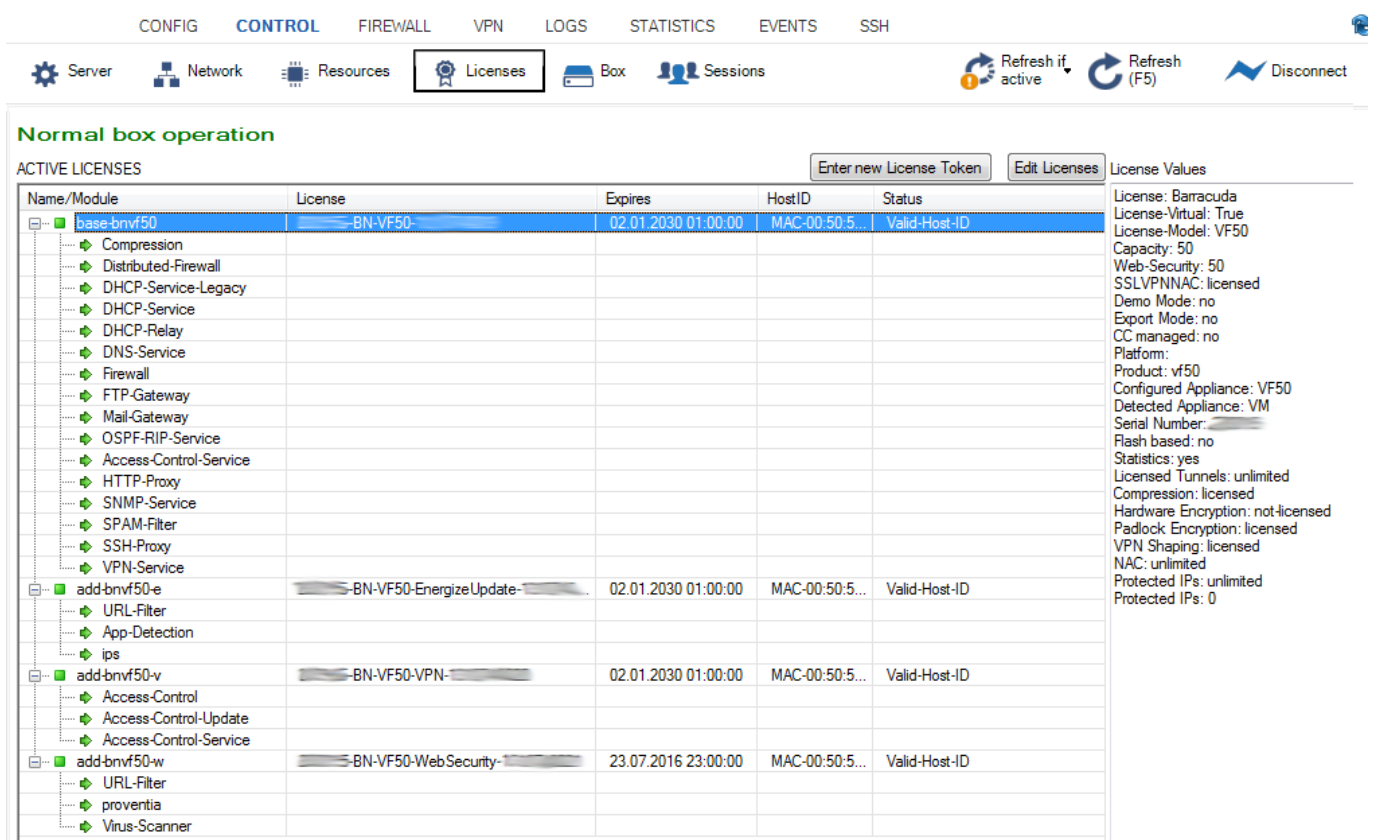
procedures:

- **Hardware Unit** - [How to Activate and License a Stand-alone Hardware NextGen F-Series or Control Center Appliance](#)
- **Virtual or Cloud Unit** - [How to Activate and License a Stand-alone Virtual or Public Cloud F-Series Firewall or Control Center](#) if you are using Barracuda NextGen Firewall F-Series 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-bnfvf50	BN-VF50	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnfvf50-e	BN-VF50-EnergizeUpdate	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnfvf50-v	BN-VF50-VPN	02.01.2030 01:00:00	MAC-00:50:5...	Valid-Host-ID
add-bnfvf50-w	BN-VF50-WebSecurity	23.07.2016 23:00:00	MAC-00:50:5...	Valid-Host-ID

License Values

- 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: 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.

For more information, see [Monitoring, Managing, and Rebuilding HA Clusters](#).

Figures

1. License-overview.png

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.