

How to Deploy the Barracuda NG Vx on an Opensource Xen Server

<https://campus.barracuda.com/doc/41115937/>

If you are using an open source Xen hypervisor use the Xen images to deploy your Barracuda NG Vx. To deploy on a Citrix XenServer, see [How to Deploy the Barracuda NG Vx on a Citrix XenServer](#).

Xen HVM is not supported for the Barracuda NG Firewall and NG Control Center firmware version 6.0.0 and 6.0.1.

To ease deployment the Barracuda NG Vx are available as script containing an XML configuration file and the virtual disk.

Before deploying the Barracuda NG Vx unit, verify that the host system meets the minimum storage requirements and review the resource recommendations for production systems.

In this article:

Before you Begin

- For information regarding the sizing of your CPU, disk, and RAM, see [Virtual Systems \(Vx\)](#).
- Download and install a VNC viewer.
- Configure the virtual networking on the Xen host server. Use a network bridge for best performance.

Step 1. Import and Start the Barracuda NG Vx VM

Execute the install script to deploy the image on the opensource Xen Server.

1. Log into the Xen server server with root permissions.
2. Copy the Barracuda NG Firewall Vx Xen install file to the Xen host server (e.g., *install.GWAY-6.0.0-135-VFxxx.xen.sh*).
3. Make the file executable

```
chmod +x install.GWAY-6.0.0-135-VFxxx.xen.sh
```

4. Start the install script.

```
./install.GWAY-6.0.0-135-VFxxx.xen.sh
```

5. (optional) Enter the name and path you want the image file deployed to. Press **Enter** to use the default value.
6. (optional) Enter the path for the configuration file. Press **Enter** to use the default value.
7. Choose **non-sparse** deployment for production deployments, **sparse** for testing purposes.
8. Enter the domain name for the deployment. Press **Enter** to accept the default value suggested.
9. Enter the MAC for virtual network interface. Press **Enter** to accept the default value suggested.

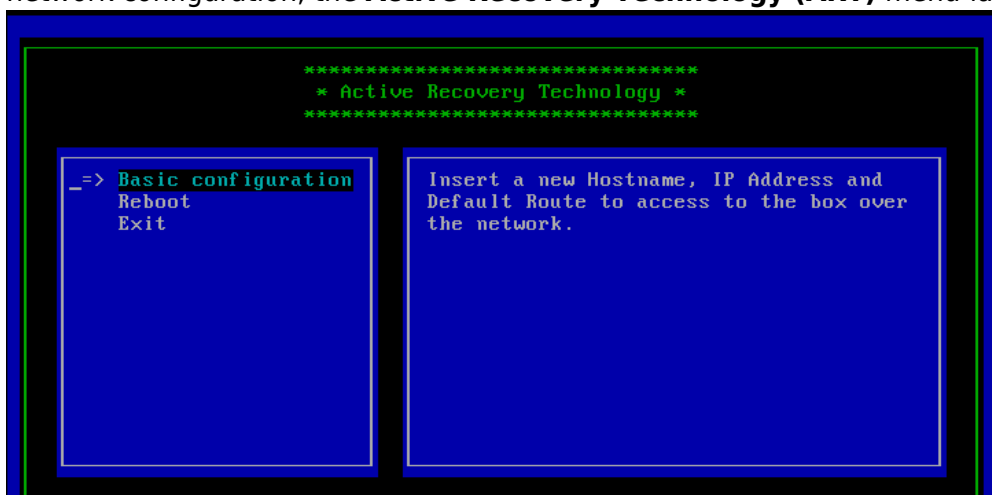
Your license is bound to this MAC address. Changing the MAC address will result in a invalid license.

You can now use xm to import and start the virtual Barracuda NG Firewall Vx. Adapt the network configuration of your Xen VM to your hypervisor.

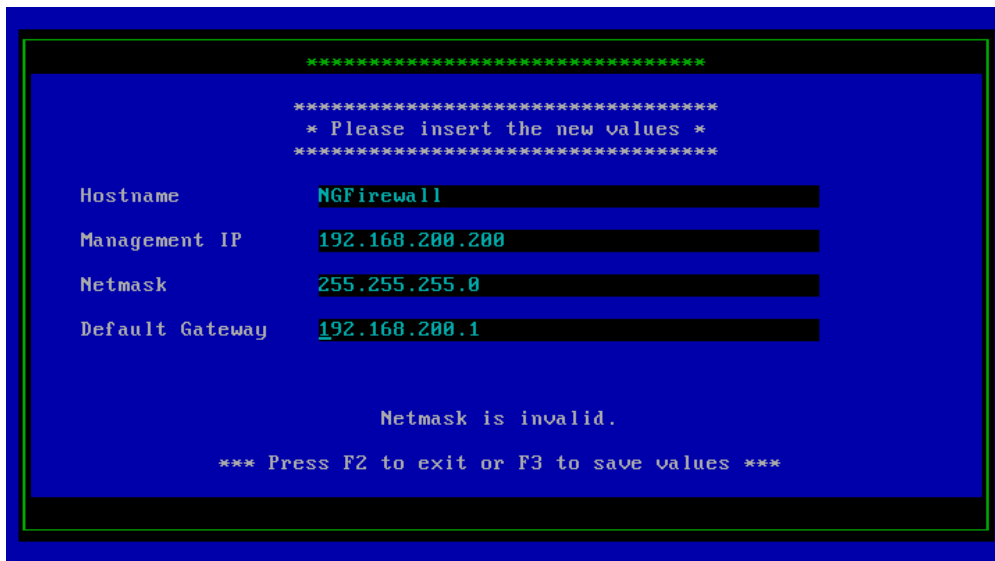
Step 2. Configure the Barracuda NG Vx Unit on First Boot

Connect to the console of the VM to enter the minimal network configuration.

1. Use a VNC client to connect to the IP address of the Xen host server. A console appears and displays the screen output of the Barracuda NG Vx that is running on the Xen server. For a basic network configuration, the **Active Recovery Technology (ART)** menu launches.



2. Select **Basic Configuration**, enter the following network settings, and then press **F3** to save your changes:
 - o **Hostname** - A hostname for your Barracuda NG Vx unit.
 - o **Management IP** - The internal IP address for your Barracuda NG Vx unit. This IP address must be reachable from your PC (e.g., 192.168.200.200).
 - o **Netmask** - The subnet mask (e.g., 255.255.255.0).
 - o **Default Gateway** - The IP address of the next hop device that serves as an access point to another network (e.g., 192.168.200.1).



3. Press **F3** to save the configuration.
4. Select **Reboot**. The Barracuda NG Vx restarts with the new network configuration.

Next Step

After you deploy the Barracuda NG Vx unit, continue with [Getting Started](#).

Figures

1. art_01.png
2. art_02.png

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