

How to Deploy Barracuda Message Archiver Vx on Microsoft Hyper-V

https://campus.barracuda.com/doc/41110747/

This article refers to <u>Barracuda Message Archiver Legacy Release</u> firmware or higher.

This article applies to Barracuda Message Archiver Vx and Microsoft Hyper-V 2008, 2008 R2, 2012, 2012 R2, and 2016.

Use the OVF file ending in -5x. ovf for this hypervisor .

- 1. Go to <u>https://barracuda.com</u>, and select **Message Archiver** from the **Products** drop-down menu.
- 2. Click Models/Editions, and select Virtual from the Deployment options drop-down menu.
- 3. Click Free Eval Unit or Purchase, fill out the form, and submit your request.
- 4. An email is sent to the specified email address.
- 5. Follow the instructions in the email to download and extract the Barracuda Message Archiver Vx .zip archive to a location that can be accessed from a machine running Hyper-V. If you are running Microsoft Windows Server 2012 or 2012 R2, launch the WinServerSetup.bat file located in the BarracudaMessageArchiver-vm<version#>fw<firmware#>-<version-date>-hyperv folder that was expanded as part of the archive. This batch file corrects a compatibility issue and takes less than a minute to run. If you are running a different version of Windows Server, you can skip this step.
- 6. In Hyper-V Manager, right-click your VM host and select **Import Virtual Machine**, and then click **Next**:



	Import Virtual Machine	×
Locate Folder	r	
Before You Begin	Specify the folder containing the virtual machine to import.	
Locate Folder	Folder: BarracudaMessageArchiver-vm4.0.3-fw3.6.0.019-20140730-hyperv\Hyperv\Browse.	
Select Virtual Machine		
Choose Import Type		
Choose Destination		
Choose Storage Polders		
Summary		
	< Previous Next > Finish Cancel	1

- 7. Navigate to the **HyperV** folder within the extracted **BarracudaMessageArchiver vm**<**version**>-**fw**<**firmware**>-<**version**-**date**>-**hyperv** folder; click **Next**.
- 8. Select the virtual machine to import:



	Import Virtual Machine	
Select Virtual I	Machine	
efore You Begin	Select the virtual machine to import:	
elect Virtual Machine	Name Barracuda Message Archiver	Date Created 6/17/2014 4:11:15 PM
noose Import Type noose Destination noose Storage Folders ummary		
choose Impo	<pre></pre>	Finish Cancel
ck Next. Select the Choose Import efore You Begin ocate Folder elect Virtual Machine hoose Import Type hoose Destination hoose Storage Folders ummary	<pre></pre>	Finish Cancel



- 10. Click **Next**. Select the default location for configuration files, storage, and network settings for VHD, or define custom settings, and then click **Next**.
- 11. Click **Finish**. Before booting the virtual machine, expand the virtual disk settings and define memory and processor settings.
- 12. Select the Barracuda Message Archiver disk under **IDE Controller 0**, and click **Edit**:

Barracuda Message Archiver	🖌 🔶 🖉	
★ Hardware	A Hard Drive	
Mdd Hardware BIOS Boot from CD	You can change how this virtual hard disk is attached to the virtual machine. If an operating system is installed on this disk, changing the attachment might prevent the virtual machine from starting.	•
Memory	Controller: Location:	
	IDE Controller 0 v 0 (in use)	,
4 Virtual processors	Mada	
IDE Controller 0	Media You can compact, conjunct, expand, marca, reconnect or christian with all hard dick	
B Ca Hard Drive	by editing the associated file. Specify the full path to the file.	
BarracudaMessageArchiver	Virtual bard diek:	
Advanced Features	Virtual nard disk:	
	D: WHD/BarracudaMessageArchiver-vm4.0.3-fw3.6.0.019-20140730.vhd	
IDE Controller 1		
IDE Controller 1 OVD Drive	New Edit Inspect Browse	
IDE Controller 1 OVD Drive None	New Edit Inspect Browse	
IDE Controller 1 OVD Drive None SCSI Controller	New Edit Inspect Browse E O Physical hard disk: Description Description	
		2
	 New Edit Inspect Browse Physical hard disk: If the physical hard disk you want to use is not listed, make sure that the disk is offline. Use Disk Management on the physical computer to manage physical hard disks. 	
 IDE Controller 1 DVD Drive None SCSI Controller Network Adapter Intel(R) 82574L Gigabit Networ COM 1 None COM 2 None Diskette Drive 	New Edit Inspect Browse Physical hard disk: If the physical hard disk you want to use is not listed, make sure that the disk is offline. Use Disk Management on the physical computer to manage physical hard disks. To remove the virtual hard disk, dick Remove. This disconnects the disk but does not delete the associated file.	2

13. Click Next and select Expand:



ø	Edit Virtual Hard Disk Wizard	×
Choose Ac	tion	
Before You Begin Locate Disk Choose Action Configure Disk Summary	 What do you want to do to the virtual hard disk? Compact This option compacts the file size of a virtual hard disk. The storage capacity of the virtual hard disk remains the same. Convert This option converts a virtual hard disk by copying the contents to a new virtual hard disk. The new virtual hard disk can use a different type and format than the original virtual hard disk. Expand This option expands the capacity of the virtual hard disk. 	ж w
	< Previous Next > Finish Cancel	

For disks larger than 2TB, refer to <u>this guide from Microsoft</u> and follow the steps to convert your VHD volume to a VHDX volume.

14. Click **Next**. Enter the size of your new disk based on the following table:

Model	Storage Capacity
150 Vx	500 GB
350 Vx	2 TB
450 Vx	4 TB
650 Vx	8 TB
850 Vx	18 TB
950 Vx	28 TB
1050 Vx	66 TB

15. Click **Finish**. The Barracuda Message Archiver Vx installation is performed on the machine:



😤 Barracuda Mes	age Archiver on WIN-T0J2T9S86VL - Virtual Machine Connect	- - X
File Action Media	Clipboard View Help	
🚳 💿 🗉 🥝		
[Init	ial Installation - Formatting	
Your may	virtual appliance is being prepared for use. This take some time depending on the speed of your disk.	
	0%	
Status: Running		

16. Hyper-V is notified that the VHD file needs to be expanded; a prompt to expand the disk displays during installation:





Activate the Virtual Appliance

1. Access the configuration menu using the credentials **admin / admin**, and specify network settings to activate the virtual machine:

Status	TCP/IP Configuration
<pre>Language > TCP/IP Configuration < Licensing Email Language Troubleshooting System Exit</pre>	IP Address:192.168.200.200Netmask:0.0.0.0Default Gateway:192.168.200.200Primary DNS Server:Secondary DNS Server:Proxy Server Configuration (optional)update proxu host:
Serial #: 0 Firmware v: 3.6.0.019 Support Tunnel closed.	update_proxy_nost: update_proxy_user: update_proxy_password:
2014-07-31 15:32:29	Save Cancel

2. Enter the unique token provided by Barracuda to activate the Vx appliance:



3. Once you save the settings, the appliance is provisioned and requires a restart to finish activation:



Provisioning... Barracuda Virtual Appliance Provisioning Utility (C)2013 Barracuda Networks Inc. All Rights Reserved. Fetching the provisioning bundle from Barracuda Central for this virtual appliance... Your Barracuda Virtual Appliance has been successfully provisioned and will now reboot. Press your Enter key to continue.

- 4. After the Vx appliance reboots, log in with username **admin** and password, which is either:
 - The numeric part of the serial number if your Vx preboot version is 4.6.1 or higher. To find the preboot version, check the name of downloaded Vx image (zip file) which is something like BarracudaEmailSecurityGateway-p2-vm4.6.1-fw8.1.0.003-20200113-esx-vbox.zip. The text between "vm" and "-fw" in the filename is the preboot version. In this example, it is 4.6.1. The serial number of your Vx is in your invoice and in your VM Setup email.
 - The word "admin" <u>if your Vx preboot version is below 4.6.1</u>.
 For help finding the serial number of your virtual appliance, see <u>Serial Number for</u> <u>Hardware and Virtual Appliances</u>.



Figures

- 1. view addin.png
- 2. vx_02.png
- 3. vx_03.png
- 4. vx04.png
- 5. vx 05.png
- 6. vx_06.png
- 7. vx_07.png
- 8. vx_08.png
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