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Vembu VMware Virtual Appliance Installation Guide - BDR













Vembu VMware Virtual Appliance Installation Guide - BDR

A VM ware virtual appliance is a template that creates virtual machines instantly on VM ware virtual environment without manual VM creation or separate installation of operating system or Vembu BDR server.

The downloaded file will be in zip format. Unzipping the file will have following:

- Virtual appliance template file (OVF)
- User Guide on How to deploy VMware Virtual Appliance
- Read Me file

Supported Versions: VMware VSphere 5.5, 6.0, 6.5 and 6.7

Steps to Deploy Virtual appliance on VMware ESXi server:

Note:

- Copy the downloaded virtual appliance zip file in a Windows/Linux GUI based machine to proceed with deployment.
- Provided Virtual Appliance setup have 8 Core CPU and 16GB RAM set by default. It is recommended to have an equivalent configuration or more in the underlying ESXi Host.
- Logon to an ESXi Server.

Ø	VM	ware vSphere Client	x
vmwar ^{VMware} Client	æ∙ vSphere™		2
All v: avail vSph feat To directly To manag vCenter S	Sphere features able only throug here Client will co ure set as vSphe manage a single e multiple hosts, erver.	introduced in vSphere 5.5 and beyond are h the vSphere Web Client. The traditional ntinue to operate, supporting the same re 5.0. host, enter the IP address or host name. enter the IP address or name of a	
IP ad	dress / Name:	192.168.102.51	
User	name:	root	
Passv	vord:	*********	
		Use Windows session credentials	
		Login	ose

• Navigate to File \rightarrow Deploy OVF Template.

File	Edit View Inventory Ad	minis	stration Plug-ins Help
	New	•	ntory 🕨 🛐 Inventory
	Deploy OVF Template		
	Export	+	
	Report	+	localhost.localdomain
	Browse VA Marketplace		Getting Started Summ
	Print Maps	•	
	Exit		what is a Host?
			A host is a compute as ESX or ESXi, to CPU and memory regive virtual machin connectivity.

• Browse and choose the .ovf file from the unzipped location.

🕝 Deploy OVF Template	_		\times
Source Select the source location.			
Source OVF Template Details Name and Location Storage Disk Format Ready to Complete	Deploy from a file or URL C:\Users\Administrator\Desktop\VirtualAppliance-BDRESX\Ve Browse Enter a URL to download and install the OVF package from the Internet, or specify a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.		
	< Back Next >	Car	ncel

• The ovf configuration details can be viewed in next page like below.

0		Deploy OVF Template		- 🗆 X
OYF Template Details Verify OVF template details.				
Source OVF Template Details Name and Location Storage Disk Format Network Mapping Ready to Complete	Product: Version: Vendor: Publisber:	VMware Virtual Appliance BDR v4.0.0		
	Download size:	4.9 GB		
	Size on disk:	9.8 GB (thin provisioned) 500.0 GB (thick provisioned)		
	Description:			
		_<	Back Next >	Activat Cancel Gorto Sys

• Name the Deploying Virtual Machine.

Ø	Deploy OVF Template	-		x
Name and Location Specify a name and location	on for the deployed template			
Source OVF Template Details Name and Location Storage Disk Format Network Mapping Ready to Complete	Name: VMware Virtual Appliance BDR v4.0.0 The name can contain up to 80 characters and it must be unique within the inventory fold	ər.		
	< Back Next >] _	Act Canc	ivate el sys

• Configure storage location for the deploying machine.

🕝 Deploy OVF Template

- 🗆 X

Storage

Where do you want to store the virtual machine files?

	Name	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
'age	datastore1 (3) SSD	1.81 TB	2.18 TB	1.16 TB	VMFS5	Support
ormat	Datastore2	Non-SSD	1.82 TB	233.35 GB	1.73 TB	VMFS5	Support
g	VembuOffsite	Unknown	0.00 B	0.00 B	0.00 B	NES	Support
plete	👔 vsanDatastor	e Unknown	232.88 GB	2.80 GB	230.07 GB	vsan	Supporte
	<						>
	🗖 Disable Storage	DRS for this virtual	machine				
	Select a datastore:						
	Name	Drive Type	Capacity Pr	ovisioned	Free	Туре	Thin Provi

• Select the disk format for the virtual machine to be created and click next.

🕝 Deploy OVF Template

_

Disk Format

In which format do you want to store the virtual disks?

<u>Source</u> OVF Template Details	Datastore:	datastore1 (3)			
<u>Name and Location</u> <u>Storage</u>	Available space (GB):	1189.4			
Disk Format					
Network Mapping Ready to Complete					
	O Thick Provision Lazy Zero	bed			
	C Thick Provision Eager Ze	roed			
	Thin Provision				
			< Back	Next >	Cancel
		_		Next >	
					11.

• Select the network for the virtual machine and click on next.



Network Mapping

What networks should the deployed template use?

Jurage	Source Networks	Destination Networks	
<u>sk Format</u> etwork Mapping eady to Complete	VLAN4	VLAN4	

• Verify all the configuration chosen for Virtual Appliance and click on finish.

Ø	Deploy OVF	Template 📃 🗖 🗙
Ready to Complete Are these the options you	u want to use?	
Source OVF Template Details Name and Location Storage Disk Format Network Mapping Ready to Complete	When you click Finish, the deployment Deployment settings: OVF file: Download size: Size on disk: Name: Host/Cluster: Datastore: Disk provisioning: Network Mapping: Network Mapping:	ent task will be started. G:\Pooja VMware virtual appliance\VMware Virtual Applia 4.9 GB 9.8 GB VMware Virtual Appliance BDR v4.0.0 Esxi-55.india.vembu.com datastore1 (1) Thin Provision "VLAN 4" to "VLAN 4"
		< Back Finish Cancel

• Once virtual appliance is deployed, you will be notified with a success message.



• After successful deployment, user has to login with the following credentials:

Default User details: Username: vembu Password: password Root password: password (sudo -s)

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		v	embu														
								6									
			Passv	vord				101	≻								
	ut	DUL	nt⊍®	16.()4 L1	۳S	100 m		10		io i		14 A.		Me.	,200 T 10	

• Open terminal after logging in to the VM and check the status of all services(PostGreSQL and Vembu BDR). If ports are not listening, then try starting VembuBDR service by executing below commands:

Note: Navigate to installation location of VembuBDR (cd /home/vembubdr/Vembu/VembuBDR) to execute the commands.

sh stopVembuBDRSetup.sh startVembuBDRSetup.sh



• Then open any web browser (FireFox or Chrome) and enter localhost:6060 to open Vembu BDR web console and login with username password as admin / admin.

Note: Once machine IP is defined, user can also access web console via <machineip>:6060. If user wants to take console outside VM, networking should be enabled and static IP must be set for VM. Once machine is assigned with static IP, the user can take the console anywhere outside the machine.

vembu
Backup and Replication for the Virtual Data Center
VMware Hyper-V Microsoft Windows
Sign into Vembu BDR Username
Password
Sign in Si
Best viewed in 🧟 11+, 🥑 53+ & 🎯 68+
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• Select your required time zone setting for the machine and click yes to proceed.

me Zone	
Select your timezone from the below list Vembu BDR uses this timezon purpose throughout the application	e for display
(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi	Ŧ
Mon 21 Jan 2019 12:11:26	
	Save

Give an unique Vembu BDR ID, by default it takes the hostname and machine name as ID.
 Note: The following characters are permitted as part of the Vembu BDR Server ID:
 [A-Z][a-z][0-9][- _ .] Your ID must not start or end with special characters and it must be between 1-50 characters in length.

he Vembu BDR ID specified here should be	unique, We recommend to use
nachineName.domainName as the Vembu B	DR ID since it is globally unique.
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vembu_BDR	

• Once Vembu BDR server ID configuration is updated successfully, you will be prompted to configure the repository details to store the backup data, Choose the volume and Click Update.

vembu	Dashboard	Backup	VM Replication	Recovery	Reports	Management	Settings		?	۵	9
Stora	ge Pool Mana	gement						Delete A	A	dd	
Organ	Organize your backedup data in storage pools. The configuration of a storage pool, you can select one or more storage volumes.										
	Nam	e				Space Usa	3e	Action			
				No Storage Pc	ool Configured	d Yet! Click here to	configure Storage Pool.			•	

• Congrats!!! You have successfully completed the deployment of Vembu BDR v4.0.0 Server on your VMware ESXi server. Now you can use this Vembu BDR Server for Backup and Disaster Recovery.

Limitations:

- KVM installation has some permission issues.
- Instant Boot is not supported.
- Virtual Appliance does not have network adapter in default, User needs to manually attach the network adapter/switch.

For further queries, contact our support team at vembu.support@vembu.com