



Vembu Virtual Appliance Hyper-V OffsiteDR v3.1.3

Installation Guide

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Installation Guide

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

Download Hyper-V virtual appliance from <u>www.vembu.com/try/</u> page. The downloaded file will be in zip format. Once you unzip the file, you will have the following:

- Vembu VMBackup v3.1.2 Client build
- Virtual appliance template file (VHD) for Hyper-V
- User Guide on How to deploy Hyper-V OffsiteDR v3.1.3 Virtual Appliance

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• ReadMe file

How to deploy Virtual Appliance on Hypervisor

• Open the Hyper-V Manager console.

| and the second s | Hyper-V Manager | | | | I X |
|--|---|------------------------------|-----|--|-----|
| File Action View Help | | | | | |
| Hyper-V Manager | Virtual Machines | | | Actions WIN2012CSV1 | |
| | Name Win732bit%40123FinalTest_04NOV2015_19_49_01 Windows2008Std WindowsXP | State Off Off Saved | CPU | New Import Virtual Machine Hyper-V Settings Virtual Switch Manager Kitual SAN Manager Kitual SAN Manager Kitual SAN Manager Stop Service | • |
| | Details No item selected. | | | Remove Server Refresh View Help | • |

• Right click on the corresponding server under Hyper-V Manager.

| New | | | | | |
|---|---|---|--|---|--|
| CRAPTIC CONTRACTOR OF | • | | | WIN2012CSV1 | |
| Import Virtual Machine | | State | CPU | New | |
| Import Virtual Machine Hyper-V Settings Virtual Switch Manager Virtual SAN Manager Edit Disk Inspect Disk | | Off | | 💫 Import Virtual Machine | |
| | | Saved | | Hyper-V Settings | |
| | | | | Virtual Switch Manager | |
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| | | | | Lait Diek | |
| inspect Disk | | | | | |
| Stop Service | ш | | | Inspect Disk | |
| Remove Server | | | 1 | Stop Service | |
| Refresh | | | | X Remove Server | |
| View | • | | | 🔉 Refresh | |
| | | | | | |
| | Import Virtual Machine Hyper-V Settings Virtual Switch Manager Virtual SAN Manager Edit Disk Edit Disk Inspect Disk Stop Service Remove Server Refresh View | Import Virtual Machine inalTest_04NOV2015_19_49_01 Hyper-V Settings inalTest_04NOV2015_19_49_01 Virtual Switch Manager inalTest_04NOV2015_19_49_01 Virtual SAN Manager inalTest_04NOV2015_19_49_01 Edit Disk inalTest_04NOV2015_19_49_01 Inspect Disk inalTest_04NOV2015_19_49_01 Stop Service iiii Remove Server iiii Refresh iiii | Import Virtual Machine inalTest_04NOV2015_19_49_01 Off Hyper-V Settings Off Virtual Switch Manager Saved Edit Disk Inspect Disk Stop Service III Remove Server Refresh View View | Import Virtual Machine inalTest_04NOV2015_19_49_01 Off Hyper-V Settings Off Virtual Switch Manager Saved Edit Disk Inspect Disk Stop Service III Refresh View | |

• Check whether VirtualApplianceOffsiteDR folder contains the 3 folders shown in the screen shot below.



- Right click over Hyper-V host > select Import Virtual machine.
- Select the folder containing VHD and XML files.

| 2 | Import Virtual Machine | x |
|--|--|---|
| Locate Fold | ler | |
| Before You Begin Locate Folder Select Virtual Machine Choose Import Type Summary | Specify the folder containing the virtual machine to import. Folder: i.1.1_HyperV_OffSiteDR\3.1.1_HyperV_OffSiteDR\virtualapplianceOffsiteDR\ Browse | |
| | < Previous Next > Finish Cancel |] |

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• Select the VM 'VirtualApplianceOffsiteDR' to import and click next.

| | Import Virtual | Machine | | x |
|------------------------|--|-------------------|-----------------------|---|
| Select Virtua | l Machine | | | |
| Before You Begin | Select the virtual machine to import: | | | |
| Locate Folder | Name | | Date Created | |
| Select Virtual Machine | virtualapplianceOffsiteDR | | 11/20/2015 8:19:21 PM | |
| Choose Import Type | A CALCULATION OF A CALC | | | |
| Summary | | | | |
| | [| < Previous Next > | Finish Cancel | |

• Choose import type as appropriate.

| 2 | Import Virtual Machine |
|--|---|
| Choose Im | iport Type |
| Before You Begin Locate Folder Select Virtual Machine Choose Import Type Summary | Choose the type of import to perform: Register the virtual machine in-place (use the existing unique ID) Restore the virtual machine (use the existing unique ID) Copy the virtual machine (create a new unique ID) |
| | < Previous Next > Finish Cancel |

• Select location of configuration files for the VM and proceed with Next.

| 7 | Import Virtual Machine | x |
|---|--|-------------------------|
| Choose Fo | ders for Virtual Machine Files | |
| Before You Begin Locate Folder Select Virtual Machine Choose Import Type Choose Destination | You can specify new or existing folders to store the virtual machine files. Otherwise, the imports the files to default Hyper-V folders on this computer, or to folders specified in the machine configuration. ✓ Store the virtual machine in a different location Virtual machine configuration folder: | e wizard the virtual |
| Choose Storage Folders Summary | C:\ProgramData\Microsoft\Windows\Hyper-V\ Checkpoint store: C:\ProgramData\Microsoft\Windows\Hyper-V\ Brows | Browse |
| | Smart Paging folder: C:\ProgramData\Microsoft\Windows\Hyper-V\ | Browse |
| | | |
| | < Previous Next > Finish | Cancel |

• Select storage location of the VHD files and click Next.

| 2 | Import Virtual Machine | x |
|--|--|---|
| Choose Fold | ers to Store Virtual Hard Disks | |
| Before You Begin Locate Folder Select Virtual Machine Choose Import Type Choose Destination Choose Storage Folders Summary | Where do you want to store the imported virtual hard disks for this virtual machine? Location: C:\Users\Public\Pocuments\Hyper-V\Virtual Hard Disks\ Browse. | |
| | < Previous Next > Finish Cancel | |

• Verify the configurations provided via summary and click finish to create VM.

| 2 | Import Virtual I | Machine | x |
|--|--|--|----|
| Completing I | import Wizard | | |
| Before You Begin | You are about to perform the following | operation. | |
| Locate Folder | Description: | | |
| Choose Import Type Choose Destination Choose Storage Folders Configure Memory Connect Network Summary | Virtual Machine: Import file: Import Type: Virtual machine configuration folder: Checkpoint folder: Smart Paging file store: Virtual hard disk destination folder: Startup RAM (MB): Network connection: | virtualapplianceOffsiteDR D:\VA_3.1\3.1.1_HyperV_OffSiteDR\3.1.1_HyperV_OffSiteDR Copy (generate new ID) C:\ProgramData\Microsoft\Windows\Hyper-V\ C:\ProgramData\Microsoft\Windows\Hyper-V\ C:\ProgramData\Microsoft\Windows\Hyper-V\ C:\Users\Public\Documents\Hyper-V\Virtual Hard Disks\ 2048 New Virtual Switch | 21 |
| | < | | > |
| | To complete the import and close this v | vizard, <mark>di</mark> ck Finish. | |
| | [| < Previous Next > Finish Cancel | |

• Once deployment is completed successfully, start the created virtual machine.



• By default, once machine is booted it logs in automatically. If locked use below credentials:

Default User details: Username: vembu

Password: password

root password: password (sudo -s)

| 8 <u>9</u> | | | ١ | virtuala | applia | ince or | n VCE | NTERS | ERVER | R - Virt | ual Ma | achine | Conne | ection | - | | x |
|------------|-----------|-------|------|----------|--------|---------|-------|-------|-------|----------|--------|--------|-------|--------|---|-----|--------------|
| File | Action | Media | Clip | board | View | Help | | | | | | | | | | | |
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| Statu | s: Runnin | g | | | | | | | | | | | | | | - U | A .:: |

• Open terminal and verify whether the MySQL, Mongo and Vembu BDR services are started.



• Then open any web browser (FireFox or Chrome) and enter <u>https://localhost:6061</u> to open Vembu offsiteDR web console and login with username password as admin / admin.



Choose Timezone respective to your location.

| Vembu BDR Data Ba × | + | |
|-----------------------|--|-----|
| A https://localhost:6 | 061/peer/timezon 🔻 🛛 🤁 🔍 Search | ☆ 自 |
| | | |
| About Time Zone Se | attings | |
| | Select the Time Zone settings for this machine | |
| Select Time Zone : | (GMT+05:30) Asia/Kolkata | • |
| | Fri 20 Nov 2015 18:11:56 | |
| | Care | |

• Give an unique Vembu OffsiteDR 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.



• Once Vembu OffsiteDR 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

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|---|--|--|--|---|---|-----------------------------|-------------------------|---------------------------|------|
| | Combu | ♦ Management. | III List of Clients | i≥ Reports+ | 잘 Settings+ | | | | |
| 1 | About Storage Management | | | | | | | | |
| | In this page you will see the opti will see them listed below. If not, drive, it will automatically spill on | ons to add storage driv you have the option to ver to the next storage d | es to your Vembu Offs add a network drive a rive attached to the V | siteDR server. If the and have the back embu OffsiteDR se | e storage drives are directly up data stored in that. When erver, | attached to t the backup | the Vemb data is fil | bu Offsite fied in the | DR : |
| | Please Note: Once when you u | pdate a storage drive to | the Vembu OffsiteD | R server, you cann | ot remove or modily it. | | | | |
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| 1 | Storage Management - Add ne | w disks to store back | sup data | | | | | | |
| | Storage Management - Add ne Storage Volumes | w disks to store back | tup data Total Space | | Free Space | | Baci | kup Loca | atio |

Congrats!!! You have successfully completed the deployment of Vembu OffsiteDR Server on your Hyper V server. Now you can use this Vembu OffsiteDR Server for Backup Vembu BDR.

Limitations:

- KVM installation has some permission issues.
- Instant Boot is not supported.

Supported : Windows 2008R2, 2012, 2012 R2

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