

FREE VMware Backup using Vembu VMBackup Free Edition

For those businesses, which do not have sophisticated data protection systems, Vembu VMBackup provides an exclusive free edition for VMware environments where the user can take agentless Backup of the VMs hosted in VMware ESXi host and vCenter server at a free of cost. Also, Vembu ensures the high availability of VMware VMs through recovery options. By combining the power of Microsoft VSS snapshot and Vembu's patented file system VembuHIVE, IT Managers can now initiate complete virtual machine recovery during any disaster.

Vembu BDR Suite comes with a 30 days of free trial with no restriction to any of its features and after the 30 days trial period the user must purchase the licenses to continue using all the features or else the user can opt for the **Free edition** of Vembu BDR Suite to continue using it. The free edition comes with two options. The user can choose between **unlimited features - limited VMs** (upto 3) or **limited features - unlimited VMs**

"Vembu ensures availability of our core production systems that support Mackie's business operations. 24x7 availability of business applications and its data is critical for us, and Vembu delivers on these requirements. Vembu has become an integral component of our IT and business continuity strategy."

Lee Wong, Manager of Information Technology at The Mackie Group

"Vembu have been a valued partner since starting to use the product around 5 years ago. We've consistently seen improvements and upgrades as needed. When we've had problems they've been there to help, no hard sales and no fuss."

Alan Morris, Head of Technical Services, Cyngor Sir CEREDIGION County Council

Features of VMware Backup

Backup

Agentless VMware Backup : Backup all or selected VMs running on VMware ESXi host and vCenter server environments without installing any agent on each VM.

Full VM Backup : Protect entire VM including operating system, application and data of virtual machine running on a VMware ESXi host and vCenter server environment in a single pass to ensure the business continuity

Transport modes : Vembu supports different transport modes such as SAN, Hot-Add and Network mode (NBD & NBDSSL) for LAN free data transfer. It provides fast and secure backup data transfer for VMware backups

Backup Scheduling Options : Different scheduling options helps to configure the backup schedules based on how frequently the successive backups are to be performed. User can choose from Hourly/Daily/Weekly options for the backup schedules from the console

Application-aware Image Backup : During each backup schedule, VMBackup verifies the Microsoft Applications writer consistency

Backup level Encryption: Customize and secure individual backup jobs by enabling this advanced AES 256-bit encryption setting through unique password hints

Log Truncation: Vembu VMBackup reduces the overflow of storage space by automatically truncating the Exchange transaction logs after performing a successful VM backup

Recovery

Full VM Recovery to ESXi host : The backed up VM data will be directly restored to the same or different ESXi host or vCenter server

Quick VM Recovery: Vembu ensures RTO less than 15 minutes by delivering quick VM recovery options for Vembu VMBackup. Backed up VM data can be recovered instantly in VMware, Hyper-V and KVM environments without restoring the entire VM

File Level Recovery : Individual files and folders of the backed up VM can be instantly restored from VM backup without restoring the entire VM

Download Option : The user can easily download the backed up data to various file formats as per the requirement like VHD, VHDX, VMDK, VMDK-FLAT and IMG which can be used for V2V and V2P migrations

Protected Environments

Hosts

- vSphere ESXi 6.7
- vSphere ESXi 6.5
- vSphere ESXi 6.0
- vSphere ESXi 5.5
- vSphere ESXi 4.x

Platforms

- vCenter Server 6.7
- vCenter Server 6.5
- vCenter Server 6.0
- vCenter Server 5.5
- vCenter Server 4.0

Management

Web console : All the VMware VM backups can be managed easily by using the user-friendly web console based interface.

E-Mail Notification : The status of the configured VM backups (like success, failure, etc.) will be notified to the user instantly through a detailed E-Mail

Cross Platform Migration : Using Vembu VMBackup, the backed up VMware VMs can be easily migrated to other hypervisors and vice versa. Similarly, the physical servers can also be migrated to the VMware vSphere and vCenter Servers.

Storage

Efficient Storage Management: Vembu uses its own VembuHIVE file systems on top of the storage targets to enhance the performance and scalability of the storage targets. It has built-in compression, version control, encryption and built-in error correction.

Scale-out Repositories : Storage targets such as Local, SAN, NAS and DAS can be incrementally added to the repository anytime without affecting the existing backup jobs

Compression : During the backup, the data is compressed to reduce the amount of data transfer over network and also at-rest to save the storage space

Encryption : Backup data is encrypted using AES 256 bit encryption algorithm both at fly and rest

Vembu Universal Explorer

Vembu Explorer for Microsoft Exchange : Instantly restores Exchange user mailboxes, emails, contacts and etc. from backed up VMware VMs without restoring entire Exchange server. Supports MS Exchange Server 2003, 2007, 2010, 2013 and 2016

Vembu Explorer for Microsoft Active Directory: Instantly restores Active Directory objects and GPOs and etc. without restoring entire MS Active Directory VM. Supports Active Directory Server 2008 R2 STD, 2012 DC , 2012 R2 DC

Vembu Explorer for Microsoft SQL Server: Instantly restores SQL database and tables without restoring entire SQL VM. Supports MS SQL Server 2005, 2008, 2008 R2, 2012, 2014, 2016.

Vembu Explorer for Microsoft Sharepoint : Instantly restores SharePoint site collections, documents and etc. without restoring entire SharePoint VM. Supports Microsoft SharePoint Portal Server 2003,2007,2010,2013.

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