

Simplifying Data Protection

Vembu VMBackup for VMware Backup and Replication

Vembu VMBackup for VMware Backup and Replication is designed to protect the VMs hosted in VMware ESXi host and vCenter server environments. Vembu offers Agentless Image-level Backup and Replication leveraging the vSphere APIs for Data Protection (VADP). The multiple recovery options of Vembu allow you to recover the backup data granularly and instantly without any complication.



Improved Scalability



Faster Restores



Better Management

Customer Quotes

"Vembu is a great product that has never let us down even in the most critical of times. As all IT providers know it is imperative you have a backup solution that you and your customers can rely on safe in the knowledge if the worst happened our data is safe. We look forward to continuing our partnership with Vembu."

-Adam Hicks, Go2 IT Solutions

Supported Environments

Hosts

- vSphere ESXi 6.7
- vSphere ESXi 6.5
- vSphere ESXi 6.0
- vSphere ESXi 5.x
- vSphere ESXi 4.x

Backup

Agentless VMware Backup: Backup single or multiple VMs from your ESXi host/vCenter server without installing any agent inside each VM

Near Continuous Data Protection: Schedule backups as often as every 15 minutes for lesser RPO

Incremental backups: Only the blocks changed since the previous backup are backed up in the successive incremental

Application-Aware backups: Ensure consistent backups of VSS aware applications such as Microsoft Exchange Server, SQL Server, SharePoint and Active Directory

Advanced Retention Policies: Retain multiple recovery points that span days and years as per your requirements

Automated Backup Verification: With the latest available recovery point, the backup data is automatically booted as a VM to verify its recoverability

Transport modes: Vembu supports VMware transport modes - SAN, Hot-Add and Network mode (NBD & NBDSSL) for data transfer

Backup level Encryption: Vembu provides end-to-end encryption (AES 256 bit) and lets you encrypt the data at rest and in flight through customized password

Replication

Agentless VM Replication: Replicate your VMware VMs from one ESXi to another and get hold of your mission-critical VMs to stay periodically synced as the original

Failover & Failback: Instantly failover and failback the replicated VM at the time of system crash or disaster to reduce business downtime

Network and IP remapping: Automatically maps production host network and IP address with the DR host network to avoid manual labour during the failover of replicated VMs

Platforms

- vCenter Server 6.7
- vSphere ESXi 6.5
- vSphere ESXi 6.0
- vSphere ESXi 5.x
- vSphere ESXi 4.x

Monitoring & Management

Vembu BDR360

Centralized tool for monitoring that provides end-to-end visibility to all the backup jobs configured using the Vembu BDR Suite with features like:

- Email Alerts
- Instant Notifications
- Group Management
- Image Verification Reports

Vembu Portal

It is an all-in-one portal to register & manage Vembu Products & Services with the options like:

- Billing
- Invoice
- Licensing
- Account Management

Recovery

Quick VM Recovery: Reduce the RTO by instantly booting your VMware/Hyper-V VM backup data as a VM on any hypervisors like VMware or Hyper-V or KVM

Live Recovery to ESXi Server: Permanently restore the backed up data as a VM directly to the same or different hosts

File Level Recovery: Browse, search and instantly restore the required files and folders from the backup data

Disk Management Mount: Instantly access the backed up disks by mounting the backup data on the disk management of the local machine

Disk Level Recovery: Restore backed up VMs at disk level to another VMs in an ESXi host

Cross-Hypervisor Migration: Download the backup data into multiple virtual file formats like VHD, VHDX, VMDK, VMDK-FLAT & IMG and later use it to migrate the VMs from one hypervisor to other

Vembu Universal Explorer: Granularly browse and recover the individual application items of Microsoft Exchange, SharePoint, SQL and Active Directory

Storage & Management

OffsiteDR & CloudDR: Replicate a copy of your backup data from the onsite backup server to an offsite server of your own or to Vembu Cloud for Disaster Recovery

Archive backups on Tapes: Replicate a copy of your backup data to tape media for long-term archival

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

Efficient Storage Management: Vembu uses its proprietary VembuHIVE file system on top of the storage targets to enhance performance and scalability of the storage targets. It has in-built Compression, Deduplication, Encryption, Version Control and Error Correction

Email-Alerts: Enable email notifications to get alerts about the status of the configured backups (like success, failure, missed, etc.)

Getting Started

Download Vembu BDR Suite and Start the 30 days free trial version. After the trial period, you can either opt to purchase the product or continue using the free edition.

DOWNLOAD



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