Simplifying Data Protection

vembu

Vembu VMBackup for VMware vSphere and Microsoft Hyper-V

Vembu VMBackup is specifically developed with enterprise-level features to protect the VMware vSphere ESXi and Microsoft Hyper-V VMs. It provides agentless backup, replication, and recovery for VMs hosted in VMware vSphere & Microsoft Hyper-V environments with capabilities like near-continuous data protection, application consistency, quick recovery, verified recoverability. Thus, Vembu delivers an RTO and RPO of <15 minutes for all virtualized applications and data ensuring high availability for businesses of any size.

Improved Scalability

Faster Restores

Better Management

Customer Quotes

"Vembu ensures availability of our core productions systems that support Mackie's business operations. 24×7 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

Supported Environments

VMware Infrastructure

Platform

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

Management Server

- vCenter Server 6.7, 6.5, 6.0 ,5.x, 4.x

Virtual Machines

- All OSs supported by VMware

Microsoft Infrastructure

Platforms

- Windows Server 2016, 2012 R2, 2012, 2008 R2

Backup

Agentless VMware & Hyper-V Backups: Backup single or multiple VMs from your ESXi/ Hyper-V hosts and also from your vCenter/Hyper-V clusters 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

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 to the original

Failover & Failback: Instantly failover and failback the replica 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

Hosts

- Microsoft Windows Server 2016, 2012 R2, 2012 R2 Core, 2012, 2008 R2, 2008 R2 Core

Virtual Machines

- All OSs supported by Microsoft Hyper-V

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 hypervisor like VMware or Hyper-V or KVM

Live VM Recovery: 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

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

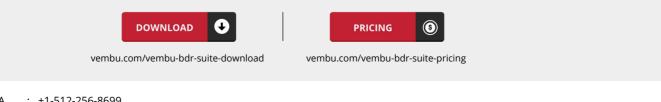**Archive backups on Tapes:** Replicate a copy of your backup data to tape media for long-term archival

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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