vembu
Backup & Disaster Recovery

Simplifying Data Protection

Backup for | VMware | Hyper-V | Windows | AWS | Microsoft 365 | Google Workspace | File Servers | Endpoints | Applications

Vembu Backup for Microsoft Windows

Vembu Backup for Microsoft Windows is a simple, efficient and reliable image-based backup solution to protect your Windows Servers and Workstations. You can create a full image backup of your entire system including the operating system (OS), applications, and all the data associated with it. Vembu allows you to rebuild your Windows systems from scratch to the same or new hardware. Also, you can have your backup copies on a remote location, Cloud or in Tape.

Customer Quotes

"We have used Vembu product for years, starting with its hybrid-cloud backup solutions and like it for its ease to deploy, ease to manage, ease to invoicing, and broad set of scalable offerings from simple file backup up to BCP product lines."

-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

Vembu Portal

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

- Billing
- Invoice
- Licensing
- Account Management

Backup

Disk Image Backup: Protect your Windows Servers/Workstations by backing up the complete disk/selected volumes.

Near Continuous Data Protection: Schedule backups as often as every 15 mins for best RPO

Incremental backups: Vembu's proprietary CBT driver backs up only the changed blocks since the previous backup

Application-Aware backup: Ensure application consistent backups by quiescing the writers of MS applications using Microsoft VSS.

Advanced Retention Policies: Retain multiple recovery points that can span for days, weeks and months.

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

Optimized Backup with Where-it-left-off: VBackup data can run more efficiently even if there is network failure or other interruptions during backup.

GFS (Grandfather-Father-Son) Retention: Create restore points on a weekly, monthly, quarterly, and yearly basis.

Synthetic Full Backup: Vembu creates synthetic full backup by merging full and subsequent incremental in the repository without running an additional full backup.

Recovery

Instant Boot VM: Reduce the RTO by instantly booting the backed up physical/virtual Windows machine on VMware/Hyper-V/KVM hypervisor as a VM.

Disk/Partition Recovery: Restore backed up disk image to target hard-drive at disk/partition level

File Level Recovery: Select and restore only the required files/folders instantly from the backup

Disk Mount: Instantly access the data of the backed up Windows machine by mounting its disk on the Disk Management Service of the local machine

Disaster Recovery & Monitoring

Vembu Offsite DR

Store a secondary copy of your backup data with period replication from your BDR Backup Server to your datacenter in an offsite location

- Instant Boot VM
- Download backup images
- Configure backup window
- Cross-Platform Migration
- Efficient Storage Management

Vembu Cloud DR

Replicate a copy of your backup data from your BDR Backup Server to Vembu Cloud.

- Secure cloud storage
- Bandwidth throttling
- Flexible retention policies
- File level Recovery
- Download Backup Images

Vembu BDR 360

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
- Connectwise Integration
- Email Alerts & Instant Notifications

Cross platform Migration (P2V): Download backup data in any one of the virtual file formats and permanently migrate your physical Windows machine to Virtual Environment (P2V)

Bare-metal Recovery: Windows machine recovery from the scratch to the same or new hardware using Vembu Recovery CD for BMR.

Application Item-level Recovery: Granularly recover the application items of Microsoft Exchange, SharePoint, SQL and Active Directory from the Windows machine.

Storage & Management

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

Offsite Copy/DR: 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 data from BDR Server to Tapes for long-term archival and offsite storage to maintain an efficient DR plan

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

Rotated Drives as Backup Repository: Vembu supports setting up rotated drives as the primary backup repository to use multiple external hard drives to store the backup data and swap them on a regular basis.

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

Group Management: Create multiple groups by selecting the different windows machine with multiple users for easier management.

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.

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