

# Simplifying Data Protection

## Vembu VMBackup for Microsoft Hyper-V

Microsoft Hyper-V is becoming a tough competition for VMware vSphere ever since Microsoft unveiled the free hypervisor alongside Windows OS. With faster, efficient and agentless backups, Vembu VMBackup enables organizations to have a data protection solution that supports all aspects of data high availability with Hyper-V. Including support for Hyper-V Cluster, host-level backups, high performance changed block tracking and many other features simplifies the data protection for your Hyper-V environment.



### 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

- Microsoft Windows Server Hyper-V 2016
- Microsoft Windows Server Hyper-V 2012 R2
- Microsoft Windows Server Hyper-V 2012
- Microsoft Windows Server Hyper-V 2008 R2

### Backup

**Agentless Hyper-V Backup:** Backup single/multiple VMs or entire Hyper-V host and protect your Hyper-V environment without installing any agent inside each VM

**Hyper-V Cluster:** Backup Hyper-V clusters without any interruptions, even when the backed up virtual machines are moved from one host to another

**CSV and SMB Share:** Backup all the Hyper-V VMs stored on the Cluster Shared Volumes (CSV) and the SMB share

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

**Incremental backups:** Vembu uses its own proprietary CBT driver to backup only the changed blocks since the previous backup

**Application-Aware backup:** 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

### Recovery

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

## Platforms

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

## 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

**Live Recovery to Hyper-V Server:** Restore the backed-up VMs directly to the same or different Hyper-V Server

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

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

**Cross-Hypervisor Migration:** Download the backup data into virtual file formats (VHDX, VHD, VMDK, VMDK-FLAT and IMG) and later use it to migrate the VM from one hypervisor to another

**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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USA & CANADA : +1-512-256-8699  
UNITED KINGDOM : +44-203-793-8668

Email : [vembu-sales@vembu.com](mailto:vembu-sales@vembu.com)  
[vembu-support@vembu.com](mailto:vembu-support@vembu.com)

