

Free Hyper-V Backup using Vembu VMBackup Free Edition

Microsoft Hyper-V is becoming a tough competition for VMware vSphere since the Microsoft unveiled Microsoft Hyper-V 2012 R2 and more customers are benefited by the new and improved functionality of Hyper-V server. With the latest release of Vembu VMBackup Free Edition, unlimited numbers of virtual machines running on Hyper-V host can be easily protected at free of cost.

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 with some feature restriction.

“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

“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 Hyper-V Backup

Backup

Agentless Hyper-V Backup: Backup all virtual machine running on Hyper-V server without installing any agent inside each VM

Full VM Backup: Protect entire VM including operating system, application and data of virtual machine running on a Hyper-V environment in a single pass to ensure the business continuity

VM Stored In SMB Share: Backup all the virtual machines on Hyper-V host which are stored in the SMB shared volumes.

Application-aware Image Backup: During each backup schedule, VMBackup verifies the Microsoft Applications writer consistency to ensure the consistency of the Microsoft applications such as Exchange, SQL, SharePoint and Active Directory

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 Hyper-V host: Permanently restore the backed up virtual machines to the same or different Hyper-V host

File level Recovery: Without restoring the entire virtual machine, individual files and folder can be recovered from the backed up VM data

Download: The backed up data can be downloaded to various file formats as per the requirement like VHD, VHDX, VMDK, VMDK-FLAT and IMG. So, later it can be used for V2V and V2P migrations

Management

Web console: All the Hyper-V backups can managed easily by using the user-friendly web console based interface.

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

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

Supported Hyper-V Environment

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

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
- Microsoft Windows Server 2008 R2 Core

Storage

Efficient Storage Management: Vembu uses its own proprietary filesystem VembuHIVE on top of the storage targets to enhance the performance and scalability of the storage devices. 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 job

Compression & Encryption: The backed up data are encrypted and compressed before storing it on the backup server to reduce the storage needs

Vembu Universal Explorer

Vembu Explorer for Microsoft Exchange: Instantly restores Exchange user mailboxes, emails, contacts and etc., from backed up Hyper-V 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, 2008R2, 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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Contact Us

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

Email : vembu-sales@vembu.com / vembu-support@vembu.com

