

Free Windows Server Backup using Vembu ImageBackup

Apart from protecting virtualized environments, Vembu ImageBackup free edition also caters to windows IT environments, where it is used to take backup of Windows Server hosted in physical IT environments for free. User can take backup of entire disk image or any selected volumes of the Windows system. By combining the power of application consistent snapshots using Microsoft VSS writer and our scalable patented block file system, IT Managers can now initiate complete physical system recovery (BMR) during any disaster.

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. 24x7 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 Windows Server ImageBackup

Backup

Physical Windows Server Image Backup: Backup entire disk image or any selected volumes of the Windows Server deployed in physical environments

Full Image Backup: Backup entire physical machine to protect everything with regards to the business continuity like operating system, applications and data

Backup Scheduling Options: Different scheduling options helps to configure the backup schedules based on how frequently the successive backups are to be performed. User can choose from Hourly/Daily/Weekly options for the backup schedules from the console

Application-aware Image Backups: Vembu ImageBackup provides deep VSS integration to deliver application aware backup to ensure the consistency of the Microsoft applications such as Exchange, SQL, SharePoint and Active Directory

Log Truncation: Vembu ImageBackup reduces the overflow of storage space by automatically truncating the transaction logs after performing a successful backup

Recovery

Quick VM Recovery: Vembu ensures RTO less than 15 minutes by delivering quick VM recovery options for Vembu ImageBackup. Backed up physical image can be booted instantly in VMware, Hyper-V and KVM environments without any manual driver injections or conversion tool assistance

Bare-metal Recovery: The entire physical system image backup data can be restored by using Vembu Recovery CD

File Level Recovery: Individual files and folders can be instantly restored from system image backup without restoring the whole machine

Download Option: User can easily download the backed up physical machine data to various file formats as per the requirement like VHDX, VHD, VMDK, VMDK-FLAT and IMG

Cross platform Migration (P2V): Vembu helps to migrate backed-up Windows Server to VMware, Hyper-V and KVM environments

Protected Environments

Microsoft Windows Server

- Microsoft Windows Server 2016
- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2012
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2008
- Microsoft Windows Server 2003 R2 SP2
- Microsoft Windows Server 2003 SP2

Microsoft infrastructure

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

Web console: All the Windows Server image backups can be managed easily by using the user-friendly web console based interface

Storage

Efficient Storage Management: Vembu uses its own **VembuHIVE** file systems on top of the storage targets to enhance the performance and scalability of the storage targets. 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 jobs

Compression: During the backup, the data is compressed to reduce the amount data transfer over network and also at-rest to save the storage space

Encryption: Backup data is encrypted using AES 256 bit encryption algorithm both at fly and rest

Vembu Universal Explorer

Vembu Explorer for Microsoft Exchange: Instantly restores exchange user mailboxes, emails, contacts and etc., without restoring entire Exchange server. Supports Microsoft 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 Active Directory server. 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 server. Supports Microsoft SQL Server 2005, 2008, 2008 R2, 2012, 2014, 2016

Vembu Explorer for Microsoft Sharepoint: Instantly restores SharePoint site collections, documents and etc., without restoring entire SharePoint server. Supports Microsoft SharePoint Portal Server 2003,2007,2010,2013

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