

## Free Windows Servers Backup using Vembu ImageBackup

Apart from protecting virtualized environments, Vembu ImageBackup free edition also caters to windows IT environments, using which organizations can protect their Windows servers hosted in physical IT environment free of cost. Users can backup full 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. The free edition comes with two options. The user can choose between **unlimited features - limited VMs** (upto 3) or **limited features - unlimited VMs**

“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**

### Backup

**Easy backup configuration:** Configure disk image backup of Physical Windows Servers and Workstations directly from the Vembu BDR Server console

**Backup selectively or completely:** Backup entire disks or selected individual volumes of the Windows Servers and Workstations to be protected

**Full Image Backup:** Backup and protect everything on your system - from applications, programs and files to the OS, Disk partition information and boot information

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

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

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

### Recovery

**Quick VM Recovery:** Recover the backed up Windows machines instantly on any hypervisor like Hyper-V, VMware and KVM. This helps to ensure an RTO of <15 minutes

**Bare-metal Recovery:** Restore the entire Windows system from scratch either to the same or new hardware using Vembu Recovery CD

**File Level Recovery:** Recover individual files and folders instantly from the backed up machine without the need to restore the entire image

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

**Cross platform Migration (P2V):** Migrate the backed up Windows machines from Physical to Virtual (P2V). The supported environments are VMware, Hyper-V and KVM

### 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

### MANAGEMENT

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

**Web console** : All the Windows Server image backups can be managed easily through the user-friendly web console based interface.

### Storage

**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 built-in compression, encryption, version control and error correction

**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

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

**Backup level Encryption:** Data is securely encrypted using AES-256 algorithm both when data is at rest and in-flight during backup

### Vembu Universal Explorer

**Vembu Explorer for Microsoft Exchange:** Instantly restore MS Exchange user mailboxes, emails, contacts, etc. from the backed up virtual machine image data without restoring the entire VM. Supports Microsoft Exchange Server 2003, 2007, 2010, 2013 and 2016

**Vembu Explorer for Microsoft Active Directory:** Instantly restore MS Active Directory objects and GPOs without restoring the entire VM. Supports Active Directory Server 2008 R2 STD, 2012 DC, 2012 R2 DC

**Vembu Explorer for Microsoft SQL Server:** Instantly restore SQL database and tables without restoring the entire VM. Supports Microsoft SQL Server 2005, 2008, 2008 R2, 2012, 2014, 2016

**Vembu Explorer for Microsoft SharePoint:** Instantly restore SharePoint site collections, documents and other SharePoint items without restoring the entire VM. Supports Microsoft SharePoint Portal Server 2003, 2007, 2010, 2013

DOWNLOAD



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### Contact Us

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)

