

Vembu BDR Suite Free Edition

Backup VMware vSphere, Microsoft Hyper-V, Physical Windows Servers, Windows Workstations for Free, Now & Forever

Vembu BDR Suite comes with a 30 day free trial with no restriction to any of its features and after the 30 day trial period, the user must purchase the license 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

Protected Environments

VMware Environment

Hosts

- vSphere ESXi 6.7
- vSphere ESXi 6.5
- vSphere ESXi 6.0
- vSphere ESXi 5.X
- vSphere ESXi 4.X

Vembu BDR Suite provides a complete, hassle-free, universal Backup and Disaster Recovery (DR) solution for virtual & physical environments. An exclusive **Free Edition** is made available with the latest release of Vembu BDR Suite, using which one can backup unlimited physical and virtual machines even after the trial period without any costs involved. IT Admins can perform full image backup and recovery of both physical and virtual machines, granularly recover files, folders and applications using Vembu BDR Suite Free edition.

Features of Vembu BDR Suite Free Edition

Backup

Agentless VMware Backup: Backup all or selected VMs running on VMware ESXi hosts and vCenter servers without installing any agent on each VM.

Agentless Hyper-V Backup: Backup all or selected VMs running on Microsoft Hyper-V environments without installing any agent on each VM. Vembu supports CSV and SMB hosts.

Physical Windows Server & Workstation Image Backup: Backup entire disk image of the Windows Servers and Workstations deployed in physical environments.

Full Image Backup: Backup entire physical or virtual machine including the OS, boot information, applications, etc. to protect the entire machine

Application-aware Image Backups: During each backup schedule, Microsoft Applications writer consistency is checked to ensure the consistency of the Microsoft applications such as Exchange, SQL, SharePoint and Active Directory and transaction logs are automatically truncated based on the schedule configured

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

Recovery

Full VM Recovery to ESXi host & Hyper-V: The backed up VM data can be directly restored to an ESXi host or Hyper-V server as a Virtual Machine

Quick VM Recovery: Vembu ensures RTO less than 15 minutes by delivering Quick VM recovery options for Vembu VMBackup and ImageBackup. Backed up image data can be recovered instantly in VMware, Hyper-V and KVM environments without restoring the entire VM

Bare-metal Recovery: The entire physical Windows server and workstation backup data can be restored by using Vembu Recovery CD

File level Recovery: Individual files and folders can be instantly restored from VM backup and disk image backup without restoring the entire machine

Platforms

- vCenter Server 6.7
- vCenter Server 6.0
- vCenter Server 5.x
- vCenter Server 4.x

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 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 & Encryption :Compression : During the backup, the data is compressed to reduce the amount of data transferred over network and also at-rest to save storage space. Data is also encrypted using AES 256 bit encryption algorithm

Monitoring and Management

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

Web Based Console: All the backup jobs can be managed easily by using the user-friendly web console based interface

Cross Platform Migration(P2V, V2V and V2P) : Using Vembu BDR Suite, physical Machines can be easily migrated to virtual environment and vice versa. Likewise the VMs running in one platform can also be migrated to another platform

Vembu Universal Explorer

Vembu Explorer for Microsoft Exchange : Instantly restore Exchange user mailboxes, emails, contacts, etc. without the need to restore the entire Exchange server.

Vembu Explorer for Microsoft Active Directory: Instantly restore Active Directory objects, GPOs, etc. without restoring the entire Active Directory server

Vembu Explorer for Microsoft SQL Server: Instantly restore SQL database and tables without the need to restore entire SQL server.

Vembu Explorer for Microsoft Sharepoint: Instantly restore SharePoint site collections, documents, etc. without restoring entire SharePoint server.

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