vembu

Backup & Disaster Recovery

vembu

Backup & Disaster Recovery

15+ Years

100+ Countries

60,000+ Businesses

Vembu
Technology
Partner

Vembu BDR Suite
Product Overview

Vembu BDR Suite

Vembu BDR Suite is a portfolio of products designed to backup multiple environments from virtual to physical to cloud while addressing diverse and advanced use cases

Backup & Replication for
VMware

Backup & Replication for
Hyper-V

Backup for
Microsoft Windows

Backup for **AWS**

Backup for
Microsoft 365

Backup for
Google Workspace

Backup for
File Servers

Backup for
Endpoints

Backup for
Applications

Vembu Backup for File Servers

Backup for
File Servers

Vembu Backup for File Servers helps to protect your business-critical data across the file servers of Windows, Linux with enterprise-level functionality. Download & install the respective Vembu BDR Client on the machine that you wish to backup and connect the client with the Vembu BDR Backup Server to store the backup data.

- Continuous Data Protection with incremental backups

- Flexible Retention policies to retain backup versions for years

- Recover the backed up files/folders from the client or from the backup server

Vembu BDR Suite
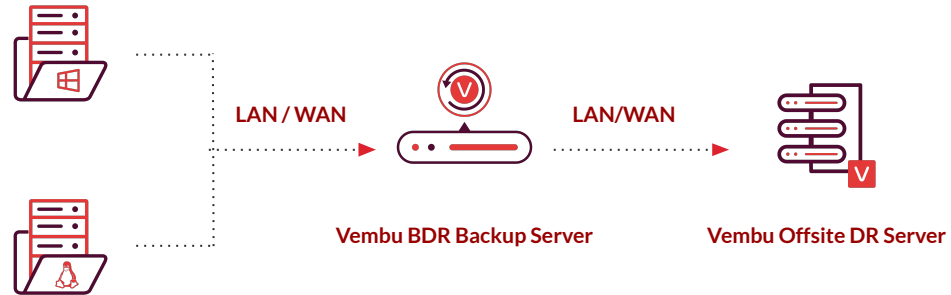## Deployment

On-premise
Deployment - Simple

- Ideal setup for businesses looking to manage backups for their premises either it may be a large one or a small environment.

- Setup BDR Backup Server in your local environment and backup via LAN

- Using Vembu BDR Client, backup your Windows/ Linux file servers to the storage repositories attached at the backup server end.

- Configure and manage backups through the Vembu BDR Client GUI, but can restore the backup data both from the client and from the backup server.

LAN/ WAN

Vembu BDR Client

Vembu BDR Backup Server

Backup & Disaster Recovery
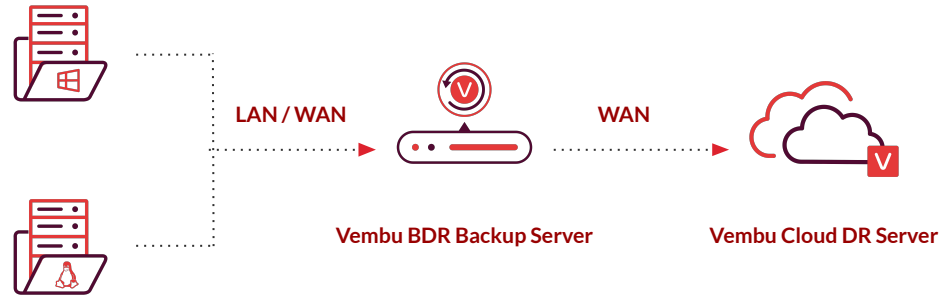
Hybrid Deployment
Scenario 1 (Offsite DR)

- This deployment is recommended for large environments

- Setup BDR Backup Server in your local environment and backup via LAN

- Send a copy of backup data to your secondary datacenter via LAN/WAN

- Ensure a disaster-resistant environment by installing the Vembu Offsite DR Server in your secondary datacenter
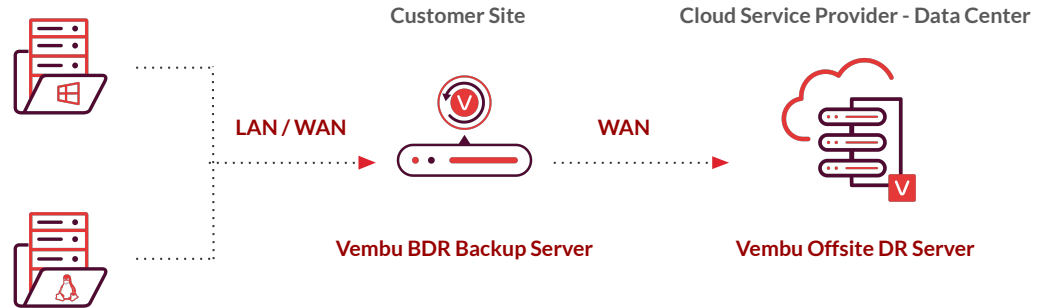
LAN / WAN

LAN/WAN

Vembu BDR Backup Server

Vembu Offsite DR Server

Backup & Disaster Recovery

Hybrid Deployment
Scenario 2 (Cloud DR)

- This deployment is recommended for small and medium environments

- Setup BDR Backup Server in your local environment and backup via LAN

- Send a copy of backup data to Vembu Cloud via WAN connection

- Ensure a disaster-resistant environment by signing up for Vembu Cloud DR

LAN / WAN

WAN

Vembu BDR Backup Server

Vembu Cloud DR Server
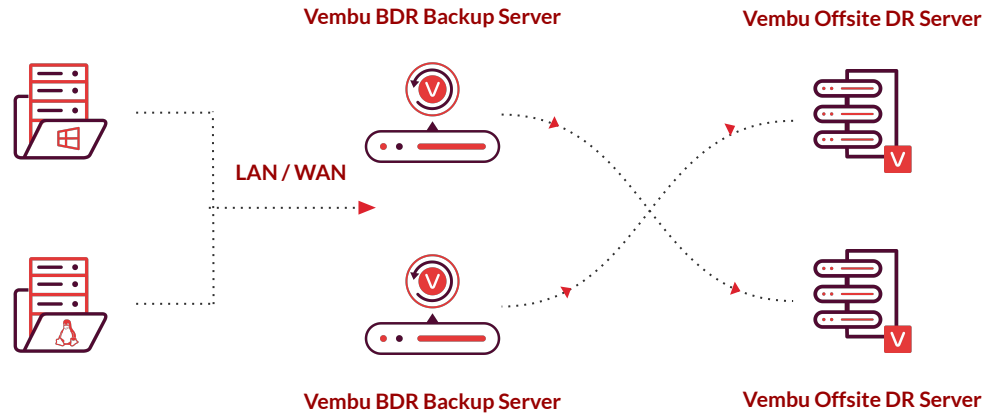
Backup & Disaster Recovery

Offsite (or) Remote
Deployment (CSP)

- Cloud Service Providers can host Vembu Offsite DR Server in their data center

- They can have a copy of backup data from the Vembu BDR Backup Servers to their data center over WAN
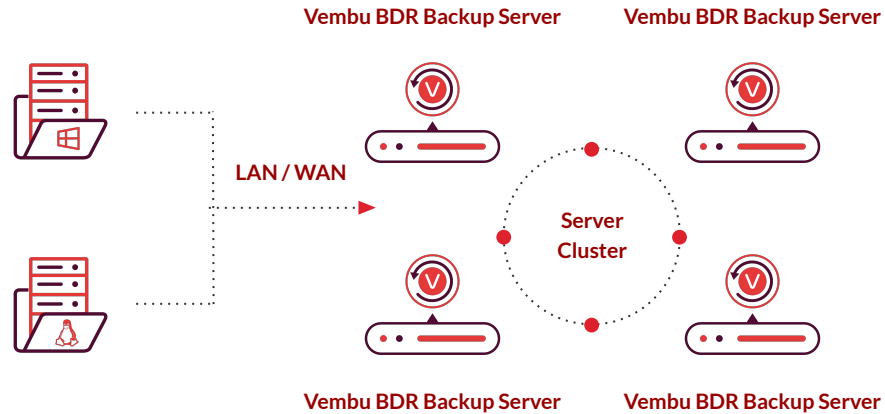

Customer Site

Cloud Service Provider - Data Center

LAN / WAN

WAN

Vembu BDR Backup Server

Vembu Offsite DR Server

Backup & Disaster Recovery

Remote office
Branch office

- Setup Vembu BDR Backup Server and Vembu Offsite DR Server in remote office as well as branch office

- Sync backup data between both the locations

Vembu BDR Backup Server

Vembu Offsite DR Server

LAN / WAN

Vembu BDR Backup Server

Vembu Offsite DR Server

Backup & Disaster Recovery

Backup Server
Clustering

- You can easily scale up the backup server when backup load increases

- Backup requests will be equally shared between each backup server

Vembu BDR Backup Server

Vembu BDR Backup Server

LAN / WAN

Server Cluster

Vembu BDR Backup Server

Vembu BDR Backup Server

Backup & Disaster Recovery

Key Backup Features for File Servers

File/ Folder Backup

Backup individual files and folders of Windows, Linux servers hosted in a physical/virtual environment.

Mapped Network Drive Backup

Ensure Continuous Data Protection to your NAS, SAN devices by backing up the business-critical files/ folders.

Open FIle backup

Vembu supports the backup of files/folders that are open in the target machines.

Registry Backup

Using the Volume Shadow-copy Service of Microsoft, Vembu supports backup of Windows Registry settings including the user profiles.

System State Backup

Backup critical system-related components including Boot files, COM+ Class Registration database, SYSVOL directory, etc.

Seed Backup

Transfer the full backup data from the client to the remote backup server through any secondary medium such as an external hard drive or a flash drive.

Important Key Features for File Servers Backup

Continuous Data Protection

Ensures lesser downtime, as the backups are taken without compromising even a single minute of data change.

Time & Version Based Retention

Retain any number of backup versions with Version-based and Time-based retention options.

Deleted File Retention

Retain any number of deleted files/folders based on its version count or the number of versions created within a time frame.

Restore Anywhere

Instantly restore the entire backup files/folders to the original location or an alternate location.

Backup Schedule Window

Set the time frame to suspend your backups for a certain period, once the schedule limit ends, the backups will resume automatically.

Email Notification

Enable email notifications to get alerts on the actual status of the configured backups (like success, failure, missed).

Other Key Features of File Servers Backup

Efficient Storage Management

Vembu BDR Backup Server utilizes VembuHIVE™ file system to effectively manage storage repositories..

Compression

Built-in compression and deduplication to reduce the storage space with the ability to scale as & when required.

End-to-End Encryption

The backup data is encrypted using the AES-256 bit algorithm to protect the data both in flight and at rest.

Drive Rotation

It helps you to use multiple external hard drives to store the backup data and swap them on a regular basis.

Where it left off

Even if there is a network failure or other interruptions during backup, the backup will automatically restart from where it left off during the previous schedule
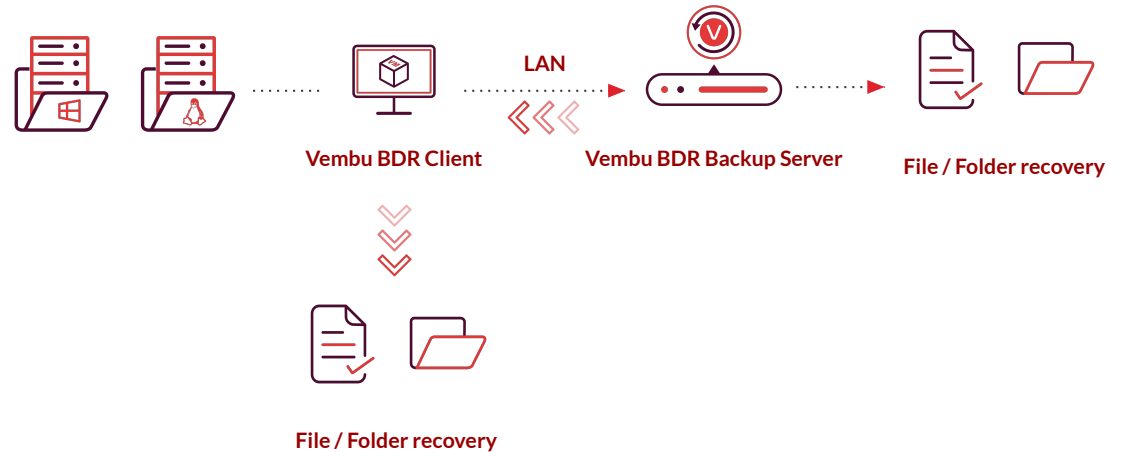
Reporting

Users can manage all their backups with Backup Status Reports, Restore Reports, etc...

Granular Recovery

- Restore the business-critical files/folders from the backed up data either from the Vembu BDR Client or from the BDR Backup Server.

LAN

Vembu BDR Client

Vembu BDR Backup Server

File / Folder recovery

File / Folder recovery

Vembu Backup for File Servers

Licensing Model

Licensing

Subscription

- Vembu offers licensing options at monthly & yearly subscriptions
- 24/7 support and major/minor upgrades included

Perpetual

- One time purchase with upgrades and support free for one year
- After 1 year AMC of 20% of license fee to be paid for continued support & updates

Available Editions

- Standard

Paid Edition - File Server Backup

- The backup and restore for the file Servers of Windows and Linux machines, supports only the Standard Edition, this edition holds the enterprise class functionalities in it.

Backup for
File Servers

	File Server
Subscription License *(Includes product updates, upgrades & standard technical support until subscription period)*	**$60** *per server/annum*
Perpetual License *(Free maintenance & support for 1st year)*	**$150** *per server*

Thank You

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