

Vembu BDR Suite

System Requirements

SEMBU TECHNOLOGIES

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Vembu BDR Suite

Vembu BDR Suite simplifies data protection with its comprehensive Backup and Disaster Recovery solutions that can protect diverse IT environments. It is designed for virtual environments like VMware vSphere, Microsoft Hyper-V, and physical environments like Windows, Linux, and Mac. The backup data can be stored on-site, off-site, tape library or in any public cloud.

The products under the Vembu BDR Suite can be deployed flexibly in any location like on-premise, offsite, and cloud.

Vembu Backup & Replication for VMware

Vembu Backup & Replication for Hyper-V

Vembu Backup for Microsoft Windows

Vembu Backup for AWS

Vembu Backup for Microsoft 365

Vembu Backup for Google Workspace

Vembu Backup for File Servers

Vembu Backup for Endpoints

Vembu Backup for Applications

Addons

Vembu Offsite DR Server

Vembu BDR Backup Server

The Vembu BDR Backup Server is a centralized management server where you can perform backup, replication, and restore operations from a single window. You can install the BDR Backup Server on your Windows/Linux server machines.

System Requirements

Supported Windows OS	<p>Windows Server 2019 (<i>Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2019 Core (<i>Standard, Datacenter</i>)</p> <p>Windows Server 2016 (<i>Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2016 Core (<i>Standard, Datacenter</i>)</p> <p>Windows Server 2012 R2 (<i>Foundation, Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2012 R2 Core (<i>Standard, Datacenter</i>)</p> <p>Windows 10 (<i>Home, Pro, Enterprise</i>) (<i>for evaluation only</i>)</p>
Supported Linux OS	<p>Ubuntu 20.04 LTS</p> <p>Ubuntu 18.04 LTS</p>
Architecture	64 bit only
Memory	<p>Minimum: 8 GB (<i>for evaluation only</i>)</p> <p>Recommended: 16 GB</p>
CPU	<p>Minimum: Quad Core Processor (<i>for evaluation only</i>)</p> <p>Recommended: Octa Core Processor</p>
Meta Data Storage	0.1% to 0.5% of the original data size
Network Card	1 Gbps & above
Browser	IE v11 & above, Firefox v53 & above and Chrome v68 & above

Vembu Offsite DR Server

The Vembu Offsite DR Server allows you replicate a copy of your backup data from on-premise backup server to Vembu Offsite DR server installed in a remote location. This assures business continuity even during catastrophic events in onsite.

System Requirements

Supported Windows OS	<p>Windows Server 2019 (<i>Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2019 Core (<i>Standard, Datacenter</i>)</p> <p>Windows Server 2016 (<i>Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2016 Core (<i>Standard, Datacenter</i>)</p> <p>Windows Server 2012 R2 (<i>Foundation, Essentials, Standard, Datacenter</i>)</p> <p>Windows Server 2012 R2 Core (<i>Standard, Datacenter</i>)</p> <p>Windows 10 (<i>Home, Pro, Enterprise</i>) (<i>for evaluation only</i>)</p>
Supported Linux OS	<p>Ubuntu 20.04 LTS</p> <p>Ubuntu 18.04 LTS</p>
Architecture	64 bit only
Memory	<p>Minimum: 8 GB (<i>for evaluation only</i>)</p> <p>Recommended: 16 GB</p>
CPU	<p>Minimum: Quad Core Processor (<i>for evaluation only</i>)</p> <p>Recommended: Octa Core Processor</p>
Meta Data Storage	0.1% to 0.5% of the original data size
Network Card	1 Gbps & above
Browser	IE v11 & above, Firefox v53 & above and Chrome v68 & above

Vembu BDR Client for File Servers/Endpoints/Applications

The granular backup of files/folders/application in vembu is through a client agent that helps to backup critical business data across File servers, Application servers, Endpoints. This client agent stores the backup data in the backup repository configured at the Vembu BDR Backup Server.

System Requirements

Windows	Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows Server 2012 Windows 10 Windows 8.1 <i>(Note: Both 32-Bit and 64-Bit versions are supported for above listed Windows OS)</i>
Linux	Debian Linux 10.0 & above CentOS 7.0 & above CloudLinux 7.0 & above Fedora 32.0 & above Red Hat Enterprise Linux v8.0 SUSE Linux Enterprise Server 12 SP5 & above Ubuntu 18.04 LTS & above
Mac	macOS 11.0 (Big Sur) macOS 10.15 (Catalina) macOS 10.14 (Mojave)
Memory	Minimum: 4 GB Recommended: 8 GB and above
CPU	Minimum: Dual Core Processor Recommended: Quad Core Processor and above

Vembu BDR Client for VMware/Hyper-V/Windows

Vembu offers an unified BDR client to backup distributed environments, The client agent helps to backup critical business data across the virtual environments such as VMware & Hyper-V, along with the physical Microsoft Windows machines.

System Requirements

Windows	Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows 10 <i>(Note: Only 64-Bit versions are supported for above listed Windows OS)</i>
Linux	Ubuntu 20.04 LTS Ubuntu 18.04 LTS
Memory	Minimum: 4 GB Recommended: 8 GB and above
CPU	Minimum: Dual Core Processor Recommended: Quad Core Processor and above
Network Card	1 Gbps & above
Browser	IE v11 & above, Firefox v53 & above and Chrome v68 & above

Vembu Backup for AWS

Vembu BDR Suite performs agentless backup and restores of AWS EC2 instances by leveraging the Amazon APIs. Adding the AWS account to the BDR Backup Server, you can schedule backups for the EC2 instances running in the same account or in any other AWS Account.

Prerequisites

Ports	Port 80 - HTTP communication port for AWS Backup Port 443 - HTTPS communication port for AWS Backup
EC2 service Permissions	CreateSnapshots CreateTags DeleteSnapshot DescribeAvailabilityZones DescribeInstanceStatus DescribeInstances DescribeKeyPairs DescribeRegions DescribeSnapshots DescribeVolumeStatus DescribeVolumes CreateImage DescribeVpcs RegisterImage DeregisterImage AttachVolume CreateVolume DeleteVolume DetachVolume RunInstances GetCallerIdentity [from AWS Security Token Service (STS)]
AWS Services	Amazon Elastic Compute Cloud (EC2) Amazon Security Token Service (STS) Amazon Identity and Access Management (IAM)
CPU	Recommended: Quad-Core Processor
Browser	IE v11 & above, Firefox v53 & above and Chrome v68 & above

About Vembu

Vembu Technologies is a leading software vendor offering backup and disaster recovery solutions to small, medium, and enterprise businesses. The Vembu's flagship backup and DR software-Vembu BDR Suite, ensures business continuity and disaster recovery of small to large scale IT infrastructures having virtual, physical - environments, cloud workloads, and SaaS applications at an affordable price. The products under the suite can be deployed flexibly in any location like on-premise, offsite and the public cloud. The centralized monitoring and management user interface also make it very easy to monitor and manage large deployments with minimal effort.

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