



# Vembu BDR Suite v3.7.0 - System Requirements

SEMBU TECHNOLOGIES

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## Vembu BDR Backup Server

Vembu BDR Suite is a Backup and Disaster Recovery solution for physical and virtual machine environments. It caters to all type of requirements of a sophisticated small and mid-sized IT environments. Vembu BDR Suite is designed for the virtual environments like VMware vSphere, Microsoft Hyper-V and physical environments like Windows, Linux and Mac. Since the businesses are moving towards the hybrid deployments, Vembu also provides the deployment options like onsite, offsite and cloud/hybrid cloud disaster recovery solutions.

### System Requirements

<b>OS</b>	Microsoft Windows Server 2016 Microsoft Windows Server 2012 R2 Microsoft Windows Server 2012 Microsoft Windows Server 2008 R2 Ubuntu 16.04 LTS Ubuntu 14.04 LTS Ubuntu 12.04 LTS
<b>Architecture</b>	64 bit only
<b>Memory</b>	Minimum: 8 GB Recommended: 16 GB
<b>CPU</b>	Minimum: Quad Core Xenon Processor Recommended: Octa Core Dual Processor
<b>Meta Data Storage</b>	10% of the planned total backup data size.
<b>Network Card</b>	1 Gbps & above
<b>Browser</b>	IE v11, Firefox v28 & above and Chrome v34 & above

## Vembu OffsiteDR Server

Vembu BDR suite provides business continuity protection with minimal downtime in the event of data loss caused by unexpected disasters or system failure. The OffsiteDR option provides an extended protection to safeguard business-critical data by replicating them from production site to offsite data center location which can be quickly restored when needed.

### System Requirements

<b>OS</b>	Microsoft Windows Server 2016 Microsoft Windows Server 2012 R2 Microsoft Windows Server 2012 Microsoft Windows Server 2008 R2 Ubuntu 16.04 LTS Ubuntu 14.04 LTS Ubuntu 12.04 LTS
<b>Architecture</b>	64 bit only
<b>Memory</b>	Minimum: 8 GB Recommended: 16 GB
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<b>Network Card</b>	1 Gbps & above
<b>Browser</b>	IE v11, Firefox v28 & above and Chrome v34 & above

## VMware vSphere Infrastructure

Vembu VMBackup provides faster, more efficient, agentless VMware backups hosted in VMware ESXi host and vCenter Server. It serves for small and mid-sized businesses with required features at an affordable cost. Vembu VMBackup provides faster recovery options to ensure the availability and business continuity. Vembu also provides OffsiteDR solution in the event of a backup disaster. The user can store the data in their own data center or Vembu Cloud.

### System Requirements

<b>Platform</b>	VMware vSphere 6.5 VMware vSphere 6.0 VMware vSphere 5.x VMware vSphere 4.x
<b>Hypervisor</b>	ESX(i) 6.5 ESX(i) 6.0 ESX(i) 5.x ESX(i) 4.x
<b>Management Server</b>	vCenter Server 6.5 vCenter Server 6.0 vCenter Server 5.x vCenter Server 4.x

## Microsoft Hyper-V Infrastructure

Vembu provides the VM backup for Hyper-V environments to meet the needs of virtualized data center for small and mid-sized businesses. With Vembu VMBackup, an agentless unlimited number of virtual machines hosted in Hyper-V environment can be backed up in a single console. Vembu VMBackup for Hyper-V also provides faster recovery options for business continuity. Optional Vembu Offsite DR and Cloud DR provides user to have the ability to do VM disaster recovery in the event of data center downtime.

### System Requirements

<b>Platform</b>	Microsoft Windows Server 2016 Microsoft Windows Server 2012 R2 Core Microsoft Windows Server 2012 Microsoft Windows Server 2012 R2 Microsoft Windows Server 2008 R2 Core Microsoft Windows Server 2008 R2
<b>Hypervisor</b>	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

## Vembu ImageBackup for Physical Environment

Vembu ImageBackup data protection and disaster recovery solution is designed to meet the needs of physical data centers for small and medium businesses. Using this, an IT admin can take complete Image level backup of their physical system or individual volumes of their Windows Server and Workstations with utmost protection. With faster & efficient recovery options, IT administrators can now ensure the business continuity without any disruptions. The user can keep a redundant copy of their Backup Image data in either offsite or Vembu Cloud locations.

### System Requirements

<b>Supported OS</b>	<ul style="list-style-type: none"> <li>Microsoft Windows Server 2016</li> <li>Microsoft Windows Server 2012 R2</li> <li>Microsoft Windows Server 2012</li> <li>Microsoft Windows Server 2008 R2</li> <li>Microsoft Windows Server 2008</li> <li>Microsoft Windows Server 2003 R2 SP2</li> <li>Microsoft Windows Server 2003 SP2</li> <li>Microsoft Windows 10</li> <li>Microsoft Windows 8</li> <li>Microsoft Windows 7</li> <li>Microsoft Windows Vista</li> <li>Microsoft Windows XP SP2</li> </ul>
<b>Memory</b>	Minimum: 2 GB Recommended: 4 GB
<b>CPU</b>	Minimum: Dual Core Processor
<b>Browser</b>	IE v11, Firefox v28 & above and Chrome v34 & above

## Vembu NetworkBackup for Physical Environment

Vembu NetworkBackup is a comprehensive data protection solution designed to provide the best backup and recovery solutions for business data of small and medium businesses. Vembu NetworkBackup supports specific files and folder backup of physical Windows, Linux and Mac machines. It also provides application server backups such as Microsoft Exchange, SQL, Active Directory, SharePoint, Outlook and MySQL. Vembu NetworkBackup for Windows Workstations is free-forever. Faster recovery options ensure the business continuity and availability.

### System Requirements

#### Supported OS for Vembu NetworkBackup

<b>Windows</b>	Microsoft Windows Server 2016 (64-bit) Microsoft Windows Server 2012 R2 (64-bit) Microsoft Windows Server 2012 (64-bit) Microsoft Windows Server 2008 R2 (64-bit) Microsoft Windows Server 2008 (64-bit) Microsoft Windows XP SP2 & above (64-bit) Microsoft Windows Server 2003 SP2 & above (64-bit) Microsoft Windows SBS 2003, 2008 & 2011
<b>Mac</b>	Mac OS 10.5 and later for Intel PCs
<b>Linux</b>	Red Hat Enterprise Linux 5 and later Debian Linux 8.0 and later CentOS 5.2 and later CloudLinux 5.10 and later Fedora 11 and later Ubuntu 10.04 and later
<b>Memory</b>	Minimum: 2 GB Recommended: 4 GB
<b>CPU</b>	Dual Core Processor
<b>Browser</b>	IE v11, Firefox v28 & above and Chrome v34 & above

## MS Application Supported OS

<b>Microsoft Exchange Server</b>	Microsoft Exchange Server 2016 Microsoft Exchange Server 2013 Microsoft Exchange Server 2010 Microsoft Exchange Server 2007 Microsoft Exchange Server 2003
<b>Microsoft Exchange Mailbox Server</b>	Microsoft Exchange Mailbox Server 2013 Microsoft Exchange Mailbox Server 2010 Microsoft Exchange Mailbox Server 2007 Microsoft Exchange Mailbox Server 2003
<b>Microsoft SQL Server</b>	Microsoft SQL Server 2016 Microsoft SQL Server 2014 Microsoft SQL Server 2012 Microsoft SQL Server 2008 R2 Microsoft SQL Server 2008 Microsoft SQL Server 2005 Microsoft SQL Server 2000
<b>Microsoft Sharepoint Server</b>	Microsoft Sharepoint Server 2013 Microsoft Sharepoint Server 2010 Microsoft Sharepoint Server 2007 Microsoft Sharepoint Server 2003
<b>Microsoft Active Directory</b>	Microsoft Active Directory 2012 R2 Microsoft Active Directory 2012 Microsoft Active Directory 2008 R2 Microsoft Active Directory 2008 Microsoft Active Directory 2003 SBS Microsoft Active Directory 2003
<b>Microsoft Outlook Server</b>	Microsoft Outlook Server 2016 Microsoft Outlook Server 2013 Microsoft Outlook Server 2010 Microsoft Outlook Server 2007
<b>MySQL Server</b>	Windows and Linux MySQL 5.0, 5.1 and 5.5



## Vembu OnlineBackup

Vembu OnlineBackup is a cloud-based backup solution designed for small and medium-sized businesses to backup their important data to the cloud environment. Vembu OnlineBackup provides end-to-end secure backup for Windows, Linux and Mac machines and faster restores for file server backups and application server backups such as Microsoft Exchange, SharePoint, SQL Server, MS Outlook and MySQL. If you are looking for a reliable & flexible solution for quick recovery of application data, Vembu exceeds your expectation by providing world-class cloud backup solution.

### System Requirements

#### Supported OS for OnlineBackup

<b>Windows</b>	Microsoft Windows Server 2016 (64-bit) Microsoft Windows Server 2012 R2 (64-bit) Microsoft Windows Server 2012 (64-bit) Microsoft Windows Server 2008 R2 (64-bit) Microsoft Windows Server 2008 (64-bit) Microsoft Windows XP SP2 & above (64-bit) Microsoft Windows Server 2003 SP2 & above (64-bit) Microsoft Windows SBS 2003, 2008 & 2011
<b>Mac</b>	Mac OS 10.5 and later for Intel PCs
<b>Linux</b>	Red Hat Enterprise Linux 5 and later Debian Linux 8.0 and later CentOS 5.2 and later CloudLinux 5.10 and later Fedora 11 and later Ubuntu 10.04 and later
<b>Memory</b>	Minimum: 2 GB Recommended: 4 GB
<b>CPU</b>	Dual Core Processor
<b>Browser</b>	IE v11, Firefox v28 & above and Chrome v34 & above

## MS Application Supported OS

<b>Microsoft Exchange Server</b>	Microsoft Exchange Server 2016 Microsoft Exchange Server 2013 Microsoft Exchange Server 2010 Microsoft Exchange Server 2007 Microsoft Exchange Server 2003
<b>Microsoft Exchange Mailbox Server</b>	Microsoft Exchange Mailbox Server 2013 Microsoft Exchange Mailbox Server 2010 Microsoft Exchange Mailbox Server 2007 Microsoft Exchange Mailbox Server 2003
<b>Microsoft SQL Server</b>	Microsoft SQL Server 2016 Microsoft SQL Server 2014 Microsoft SQL Server 2012 Microsoft SQL Server 2008 R2 Microsoft SQL Server 2008 Microsoft SQL Server 2005 Microsoft SQL Server 2000
<b>Microsoft Sharepoint Server</b>	Microsoft Sharepoint Server 2013 Microsoft Sharepoint Server 2010 Microsoft Sharepoint Server 2007 Microsoft Sharepoint Server 2003
<b>Microsoft Active Directory</b>	Microsoft Active Directory 2012 R2 Microsoft Active Directory 2012 Microsoft Active Directory 2008 R2 Microsoft Active Directory 2008 Microsoft Active Directory 2003 SBS Microsoft Active Directory 2003
<b>Microsoft Outlook Server</b>	Microsoft Outlook Server 2016 Microsoft Outlook Server 2013 Microsoft Outlook Server 2010 Microsoft Outlook Server 2007
<b>MySQL Server</b>	Windows and Linux MySQL 5.0, 5.1 and 5.5

## Vembu SaaSBackup

Vembu SaaSBackup is a comprehensive data protection solution designed to meet the needs of small and mid-sized businesses protecting their mail servers with domain and user level backups. Vembu SaaSBackup currently provides backup support to Microsoft Office 365 and G Suite (Google Apps) at an affordable pricing. With backup data stored in Vembu Cloud, users are provided with the option of restore anywhere-anytime with the least possible downtime.

### System Requirements

**Note:** Vembu SaaSBackup for Microsoft Office 365 and G Suite ( Google Apps) Applications, is a direct Cloud-to-Cloud backup solution. IT admins and the users can backup and restore these application data directly to Vembu Cloud. So there is no system requirements for Vembu SaaSBackup.

## Vembu Universal Explorer

Vembu developed an exclusive tool Vembu Universal Explorer to instantly recover the individual Microsoft application items like Microsoft Exchange, SharePoint, SQL and Active Directory from the backed up data without restoring the entire VM backup and disk image backup. It provides an easy-to-use and intuitive UI, so that the user can browse the required application items easily from the backed up data without any complication and restore to live application servers or download them into specific formats.

### System Requirements

<b>Supported OS for Vembu Universal Explorer Tool</b>	Vembu Universal Explorer tool Supports in all 64-bit Windows operating Systems
<b>Supported Versions of MS Applications</b>	Microsoft Exchange Server 2013,2010,2007 Microsoft Sharepoint Server 2010,2007 Microsoft SQL Server 2014,2012,2008 R2,2008,2005 Microsoft Active Directory 2012 R2 DC,2012 DC,2008 R2 STD
<b>Memory</b>	Minimum: 2 GB Recommended: 4 GB
<b>CPU</b>	Minimum: Dual Core Processor

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