

## File and Application Servers Backup using Vembu NetworkBackup

Data loss in a business is very common and it may happen due to any of the reasons like system crash, hard disk corruption, power interruption, improper shutdown, accidental file deletion, etc. A data loss will badly affect the productivity of a business. Vembu NetworkBackup is designed for small-medium businesses to protect critical business data across file servers, application servers, workstations and other endpoints.

“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**

### Supported Environment

#### Microsoft infrastructure

- Microsoft Windows Server 2003 SP2 & above (64-bit)
- Microsoft Windows SBS 2003, 2008 & 2011
- Microsoft Windows XP SP2 & above (64-bit)

#### Linux infrastructure

- Red Hat Enterprise Linux 5 and later
- Debian Linux 5.0 and later
- CentOS 5.2 and later
- CloudLinux 5.10 and later
- Fedora 11 and later
- Ubuntu 10.04 and later
- Gentoo

### Vembu NetworkBackup Features

**File/Folder Backup:** Backup individual files and folders of a computer without any restriction to size and type of the file & folders planned for the backup. Vembu NetworkBackup can also backup the opened files

**Incremental & Differential Backup:** Only the changes done on the configured files since the previous incremental backup or previous full backup are alone tracked and backed up in the successive backup schedule. An IT admin can select incremental or differential backup of their choice while configuring the backup

**Microsoft Exchange Backup:** Vembu NetworkBackup supports backup of entire Microsoft Exchange servers and individual Exchange mailboxes. IT administrator can take backup of entire mailbox including the messages, contact, calendar, etc. and store the backed up data on a secured Vembu BDR server

**Microsoft SharePoint Backup:** Vembu NetworkBackup can be configured to backup SharePoint sites available in local machine and in a case of crash or failure, the SharePoint data is restored easily using the backed up application data

**Microsoft SQL Backup:** Using MS SQL plugin of Vembu NetworkBackup, all the system and user databases in the SQL Server can be backed up. In a case of a complete system failure, the user can recreate the SQL Server environment with the help of backed up data

**Microsoft Outlook Backup:** Using MS Outlook plugin of Vembu NetworkBackup, one can backup emails configured in outlook profile along with rules, at the folder level. The backed up data is stored on the backup server and can be restored any time

**MySQL backup:** Vembu NetworkBackup supports backup of MySQL databases and tables. Vembu NetworkBackup supports Full and incremental backups for MySQL database while data is online and accessible

**Registry Backup:** Vembu NetworkBackup allows you to backup Windows Registry using Volume Shadow Services. Backup all Registry settings including those for each user profile in Windows. In the future, if Registry becomes damaged or corrupted, one can easily restore from the previously created backup

**System state Backup:** Vembu NetworkBackup helps in creating a backup for critical system related components. This backup file can be used to recover critical system components in case of a crash. This includes Boot files, COM+ Class Registration database, Active Directory directory service, Certificate Service database, SYSVOL directory

### Mac infrastructure

- 10.5.x (Leopard)
- 10.6.x (SnowLeopard)
- 10.7 (Lion) for Intel PCs & above

### Centralized Data Monitoring available **24/7/365**

**Vembu BDR360** – Centralized monitoring and management portal delivers extensive reports on backup activities and resource utilization across all BDR backup servers with features like

- ✓ Email Alerts
- ✓ VM Level Reports
- ✓ Instant Notifications
- ✓ Group Management
- ✓ Image Verification Reports

**Vembu Portal** – Centralized license management portal to manage license utilization.

- ✓ Billing
- ✓ Invoice
- ✓ Licensing
- ✓ Account Management

**Backup Network Drives:** Backup the files and folders stored on the network drives. Simply map the required network drives through Vembu NetworkBackup client agent and configure the files and folders on the mapped network drive

**Multiple Backup Scheduling options:** The IT admins can choose from different scheduling options provided by the Vembu NetworkBackup based on how frequently the successive backups are to be performed

**Flexible Retention policies:** The administrators can retain any number of backup versions by selecting the appropriate backup retention policy as per the requirement. They can choose version-based retention or time-based retention or both, for the configured backup job

**Compression and Encryption:** To ensure the security of the business data, the data will be encrypted using the AES 256 bit encryption algorithm before it leaves the source machine. The backup data is also compressed to reduce the storage needs

**Restore to multiple locations:** Vembu NetworkBackup agent instantly allows every user to restore the backed up file/folders and application to the same or different location

**Granular Restore:** IT admins can either restore the entire backed up data or selected files and folders back to the production machine instantly

**Seed backup migration:** Vembu NetworkBackup provides an option which allows you to take full backup locally and transferring the full backup data to the remote backup server through any secondary medium such as external hard drive or a flash drive. Seed backup prevents a large amount of data to be transferred through the internet which takes more time and consumes large amount data

**Disaster Recovery:** Vembu NetworkBackup provides disaster recovery option, which allows you to rebuild client with the backup jobs in the same or different machine. This is very useful when the client machine crashes due to unexpected system failure

**Bandwidth throttling:** Vembu NetworkBackup allows you to throttle the speed of the backups for the selected time, which help to reduce the network traffic during peak timing

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