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 and it will badly affect the productivity of any 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. 24×7 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 2008 & 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
- Fedora 11 and later
- Ubuntu 10.04 and later

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 Backup: Only the changes that are made since the previous backup are alone tracked and backed up in the successive backup schedule.

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 secured Vembu BDR server

Microsoft SharePoint Backup: Vembu NetworkBackup can be configured to backup SharePoint sites available in local machine. 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 even when the data is online and being accessible by other other applications

Registry Backup: Vembu NetworkBackup allows you to backup Windows Registry using Volume Shadow Services. Backup all Registry settings including each user profile in Windows. In the future, if Registry becomes damaged or corrupted, the user 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

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 & folders the mapped network drive

Mac infrastructure

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

Physical IT Environment monitoring and management 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

Multiple Backup Scheduling options: The users 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

Pre\Post Commands: Add pre/post backup commands to run custom actions before/after the backup schedules.

Compression & Encryption : The backed up data are encrypted and compressed before storing it on the backup server to reduce the storage needs

Backup Level Encryption: The user can save multiple customized encryption passwords along with its unique hint and choose from them in the encryption settings page or while configuring the backup.

Granular Restore: Users can either restore the entire backup data or selected files and folders back to the production machine instantly

Seed backup migration: Vembu NetworkBackup 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.

Client side email configuration: Vembu NetworkBackup will lets the user set SMTP Server and configure email notification for the configured backups periodically. Options to send reports to different email addresses are also available

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

Server network restore: Easy selection of restore points from multiple available timestamps with AciTree structure format.

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

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