Vembu VMBackup for VMware vSphere and Microsoft Hyper-V

Vembu VMBackup™ – Provides faster, more efficient VMware and Hyper-V backups for small & medium businesses with enterprise level features. With RPO and RTO < 15 minutes, VMBackup provides faster VM recovery options which ensures high availability and business continuity. Vembu VMBackup is specifically orchestrated and developed for virtual environments to provide an easy to use product at affordable cost.

" 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

Protected Environments

VMware infrastructure

Platforms
- vSphere 6.0, 5.x, 4.1

Hosts
- ESXi 6.0, 5.x
- ESX(i) 4.1

Software
- vCenter Server 6.0 ,5.x, 4.1

Virtual Machines
- All OSs supported by VMware

Microsoft infrastructure

Platforms
- Windows Server 2012 R2, 2012, 2008 R2

Hosts
- Windows Server Hyper-v 2012 R2, 2012, 2008 R2

Virtual Machines
- All OSs supported by Microsoft Hyper-V

Vembu VMBackup™ features:

Backup

Vembu is providing customers hassle-free consistent VMware and Hyper-V backup

Agentless VMware and Hyper-v Backup : Eliminates VM level proxy client installation and provides centralized backup management from Vembu BDR backup server

VMware Hot-Add and SAN transport mode for LAN free data transfer : Provides fast and secure backup data transfer for VMware backups

CBT enabled VMware and Hyper-V incremental backups : Efficient block level pure incremental backup processing using VMware VADP and Vembu CBT Driver for VMware and Hyper-V environments respectively

Scale-out Repositories : Storage targets can be incrementally added anytime without affecting existing backup jobs

Application-aware VM Backups : Uses application specific VSS writers to take consistent snapshots during the backup of high transactional applications and log files are truncated at the the end of backup

Retention Policies : Basic and Advanced (GFS) retentions policies helps to merge the multiple recovery points and reduces the time taken to restore the backed up VMs

Automated Backup Verification : VMBackup automatically boots the backed up VMs and the screenshot of the boot screen will be captured and emailed to the administrator

OffsiteDR for Data Redundancy and Disaster Recovery : Replicate redundant copy of backup data to your own offsite data center or to Vembu Cloud

VM Replication

Agentless VM Replication : VMware VM data can be replicated from source to target vSphere environment without the need of installing proxies in Host or VM

Failover and Failback : Replica data can be recovered to different target or roll backed to same source

Network and IP remapping : Auto map production host network and IP address with the DR host network to avoid manual work during replica failover

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

VM Recovery

Vembu delivers reliable VM recovery at entire VM, File and application level considering real disaster and general recovery scenarios

Quick VM Recovery : Recover the backed up VMs instantly in VMware, Hyper-v and KVM without restoring the entire VM data

Instant File Recovery : Recover individual files and folders instantly from backed up VM without restoring the entire VM data

Full VM Recovery : Recover the backed up VMs permanently to the same or different ESXi host, vCenter Server or Hyper-V Server

Disk Level Recovery : Specific disk(s) can be recovered to same and different VM

Vembu Explorer for Microsoft Exchange : Instantly restore exchange user mailboxes, emails, contacts and etc. without restoring entire VM data. Supports Microsoft Exchange Server 2003, 2007, 2010, 2013 and 2016

Vembu Explorer for Microsoft Active Directory: Instantly restore Active Directory objects and GPOs and etc. without restoring entire Active Directory server

Vembu Explorer for Microsoft SQL Server: Instantly restore SQL database and tables without restoring entire SQL server. Supports Microsoft SQL Server 2005, 2008, 2008 R2, 2012, 2014, 2016

Vembu Universal Explorer for Microsoft Sharepoint : Instantly restore SharePoint site collections, documents and etc. without restoring entire SharePoint server. Supports Microsoft SharePoint Portal Server 2003, Microsoft Office SharePoint Server 2007, Microsoft SharePoint 2010 and Microsoft SharePoint 2013

Cross Hypervisor Migration (V2V) : VMBackup helps to migrate VMs running in Hyper-V to VMware and vice versa

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