

BU/DR for Virtual Environments

Veeam vs. Legacy Backup Solutions

Are you happy with your current backup infrastructure? Do you sleep well at night, confident that your backups will run successfully night after night? Are you confident that when disaster strikes, you can recover any "lost" data? Will you be able to restore VMs and data quickly, so your business - and your bottom line - are largely unaffected?

How Legacy Backup Solutions Fall Short

The world of legacy backup software is characterized by backup job failures, complex setup and configuration, and steep learning curves. This was acceptable in an era of simpler, non-virtualized environments. However, traditional, legacy backup software falls far short in today's virtualized or IT as a Service (ITaaS) environments.

Today we are living in a 24/7 virtualized, cloud, and mobile IT era – an era that demands speed, agility and seamless service with no loss of data. Vastly improved speed to market and speed of recovery can only help your business – and your bottom line. None of the legacy enterprise backup software solutions was designed with the new IT era in mind. Deployments are lengthy, backup failures are common, and experienced consultants come with a hefty cost. Making legacy backup software work in the world of modern IT is an exercise in frustration and overspending.

Until recently, the backup and data protection software market was dominated by three players: Netbackup, TSM and Commvault. All these are rooted in a legacy era when mainframes ruled the IT landscape. These are mature products – but with this maturity has come complexity and pain. Traditional backup software architecture was never designed to handle the speed of a virtualized, always on, cloud-enabled IT world.

BU/DR Built for Virtual Environments

In sharp contrast, Veeam was designed for virtual environments and the IT as a Service (ITaaS) model that most companies are adopting. What does this mean for you?

- **Fast deployment** – The entire deployment process for a 25 VM environment – download, install, setup and backup – in just one hour.
- **Easy operation** – Backups and restores are fast and easy at every level. Recover and mount a VM nearly instantaneously, with full recovery of up to a 200GB VM in less than 2 minutes, ensuring minimal loss of production (and revenue) for your business.
- **Agentless** – Agents need updates and typically cannot protect VMs that are not powered on, newly provisioned VMs or VMs cut off from the network.
- **Verified backups** – A failed backup is not an option in the age of always on IT. Veeam verifies the integrity and recoverability of every VM backup, every single time. Now your sys admin can sleep easy at night knowing recoverability from backup is assured.
- **Easy to learn** – In less than one day, your sys admin or backup admin can learn to backup and restore VMs, files, email boxes, SQL databases and more, saving hidden operations costs.

Benefits of Veeam BU/DR

1. Fast Deployment
2. Easy Operation
3. Agentless
4. Verified Backups
5. Easy to learn

Veeam vs. Legacy Backup Solutions

More than 168,000 companies — 50,000 in the last 12 months — have replaced their legacy backup software with Veeam. This is because the demands on today's enterprises — the need to access data and applications 24/7, the high cost of downtime or data loss, and exponential data growth of 30-50% per year — are not being met by traditional legacy backup tools. In fact, 82% of CIOs report a gap between the level of availability that legacy backup solutions provide and what end users demand.

Availability for the Always-On Enterprise

Veeam® bridges this gap by providing customers with a new kind of solution, an Availability solution, delivering recovery time objectives (RTO) and recovery point objectives (RPO), or RTPO® of < 15 minutes for ALL applications and data.

See the box to the right for the top 10 reasons Veeam customers are choosing Veeam availability over legacy backup tools.

Availability from Veeam vs Legacy Backup	Veeam Availability Suite
1. RTO < 15 minutes for ALL applications and data	✓
2. RPO < 15 minutes for ALL applications and data	✓
3. Built for the modern data center	✓
4. Simple off-site backup and replication	✓
5. Fully integrated cloud-based disaster recovery	✓
6. Superior modern storage integration	✓
7. 100% automated recovery testing	✓
8. Leverage data to lower deployment risk	✓
9. Proactive visibility	✓
10. It just works!	15 minutes for self-setup

Latest Veeam Availability Suite Features

- **Veeam Explorer for Storage Snapshots and Backup from Storage Snapshots for EMC** — Leverage EMC VNX and VNXe hybrid storage array technologies to create ultra-fast backups from storage snapshots for quick, efficient, entire VM or item-level recovery.
- **Veeam Cloud Connect Replication** — Ensure availability of your mission critical applications with fully integrated, fast and secure cloud-based DR through a service provider.
- **Veeam Explorer for Oracle** — Get fast, transaction-level recovery of Oracle databases, including agentless transaction log backup; easily restore to a precise point in time.
- **Scale-out Backup Repository™** — Create a single virtual pool of backup storage to which to assign backups, offering you the freedom to easily extend backup storage capacity.
- **Veeam Explorer for Microsoft Exchange, Active Directory, SharePoint and SQL Server** — eDiscovery for Exchange, restores of Group Policy Objects, integrated DNS records and more for Active Directory; full-site and site collection recovery for SharePoint; and table-level restores for SQL Server.
- **On-Demand Sandbox for Storage Snapshots** — Use storage snapshots to create complete isolated copies of your production environment for fast and easy testing and troubleshooting.
- **Direct NFS Access** — Perform VMware backups faster and with reduced impact on your virtual environment by backing up from file-based (NFS) primary storage.

About Siwel

Siwel delivers industry-leading IT services to help your company Store, Compute, Analyze, Manage, Protect and Secure the life-blood of your business: your data. We work with each client to create innovative solutions that optimize IT assets and align IT strategy with overall business objectives. The result is greater operational efficiency and additional revenue opportunities.

Siwel is a woman-owned business founded in 1992, and is headquartered in New York City.