

LiveVault for secure cloud and hybrid-cloud data protection

Increasingly, organizations are choosing cloud-based backup to lower costs and reduce the administrative overhead of managing the server backup process. With an automated, secure cloud-based service, you can meet recovery point and recovery time objectives— as well as business continuity requirements—while allowing your IT staff to focus on strategic projects.

Complex, traditional tape-based backup solutions increase the burden on IT staff and can be costly to deploy, cumbersome in a disaster situation, and result in delayed recovery times. LiveVault reduces the burden of managing the often complex and error-prone data protection process seen in traditional backup environments, allowing you to focus your budget and resources on long-term strategic initiatives instead of costly manual tasks.

Automate, streamline, and simplify data protection

LiveVault provides automated and continuous backup, with protection intervals as low as every fifteen minutes, to ensure data is protected as it is created. LiveVault delivers fully automated backup over the Internet or a private network connection for uninterrupted remote data protection. Data is moved offsite to secure, mirrored data centers and is completely secure and protected at every step of the way using stringent procedures, protocols, and standards. LiveVault encrypts all data at the source using 256-bit AES encryption with a unique private/public key pair. For an additional layer of protection, LiveVault uses the Secure Sockets Layer (SSL) protocol to establish a secure, resilient communication tunnel to offsite data centers.

Recovery is simple and straightforward. Organizations can select which data to recover from a catalog of archived file versions, and LiveVault automatically restores the data to the location of your choice. LiveVault uses the cloud to automatically transfer data offsite for disaster recovery. Data is backed up off-premise (optionally to an on-premise, hybrid-cloud device) shortly after being updated, allowing you to restore data from moments before a disaster occurs.

An easy-to-use interface

Through the LiveVault Web Management Portal, you can manage and monitor the entire data protection workflow, including backup, offsite storage, and recovery—anytime, anywhere. Organizations can create customized easy to use, yet powerful, backup policies, check status, delegate responsibilities across the enterprise, and initiate restore operations whenever needed. Role-based access control allows you to define access levels for various user classes across the enterprise.

Features

- Easy-to-use, automatic, secure, and reliable server cloud-based data protection
- Managed service with administration, monitoring, and proactive notification
- Virtualized environment support
- VMware vSphere support, VADP integrated cloud backup
- Microsoft Hyper-V Windows Server 2008 R2, 2012 R2 and 2016 host level backup support
- Fast and easy recovery with DeltaRestore™
- Native, embedded storage optimization
- Hybrid-cloud onsite TurboRestore Appliance (sold separately)
- Application support for Microsoft Exchange and Microsoft SQL Server
- Data shuttle service for seeding and large data restores (sold separately)
- Legal hold support

Benefits

- Achieves cloud data protection and advanced long-term offsite retention
- Removes the burden of complex, daily backup
- Delivers point-in-time recovery of server data by near continuous backup
- Provides data security with industry certifications PCI DSS and ISO 27001
- Allows for fast and efficient backups in VMware vSphere environment, with full support for VADP and CBT. Also supports Microsoft Hyper-V on Windows Server 2008R2, 2012R2 and 2016.

Virtual and physical server support

LiveVault protects and ensures operational and disaster recovery for both virtualized systems and physical servers. It fully integrates with VMware vSphere, delivering fast and efficient backups through vStorage APIs for Data Protection (VADP), with full support for Changed Block Tracking (CBT). LiveVault also supports Microsoft Hyper-V on Windows Server 2008 R2, 2012 R2 and 2016.

LiveVault provides transactionally stable backups of open files and frequently changing databases, with application awareness for Microsoft Exchange and Microsoft SQL Servers.

You can manage global backups from a single console with features such as grouping of servers for distributed administration, rolebased administration, and reporting. LiveVault also provides selective backup and restore of specific files. Your administrator can browse the native file system structure to determine what to backup and exclude. This flexibility helps limit backups to only what is needed, reducing costs and allowing for simpler and faster restore of individual files. In addition, LiveVault provides enforced retention of backups, off-site storage, and consistency in the execution of backups. LiveVault can restore data back to physical or virtual machines, including those in a completely different geographic location. This flexibility is a key to successfully meeting Recovery Time Objectives (RTO) during site disasters.

Note: To perform Virtual Machine (VM) image-based backups with hypervisor level integration, you will need to use the TurboRestore Appliance.

Rapid recovery with advanced technology

LiveVault offers advanced technology to make recovery fast and easy. It speeds recovery by relying on delta-based backup/recovery, versioning, and snapshots to quickly recover data that has changed since the last backup, allowing organizations to better achieve their Recovery Time Objective (RTO) and Recovery Point Objective (RPO) requirements. Offers an optional, on-site appliance that provides backup and recovery over a local network, reducing downtime even further. A backup and restore data shuttle service is available for quickly transferring large amounts of data (multiple terabytes).

Continuous data protection without complexity

LiveVault delivers point-in-time recovery of server data through near-continuous backup, providing up to 96 recovery points (snapshots) daily. Continuous backup enables organizations to choose the exact version of the file to recover from numerous point-in-time versions each day, for vastly improved Recovery Point Objectives (RPOs). LiveVault does not require complex plugins or costly third-party tools to protect critical data. LiveVault Web Portal Management allows organizations manage and monitor the entire data protection workflow including backup, offsite storage, and recovery from a Web browser anywhere, at any time.

Unparalleled security

Provides unprecedented security in the cloud, adhering to global certification standards such as PCI DSS and ISO 27001. Following best practices in BCP (Business Continuity Planning), two fully mirrored, geographically separate systems provide complete data and system redundancy.

A comprehensive service

LiveVault helps you achieve speed, flexibility, and cost-effectiveness. The solution allows IT to be more agile, while enabling the business to become more competitive. An automated, secure cloud service allows you to meet recovery point and recovery time objectives—as well as disaster recovery and business continuity requirements—without diverting limited budget and resources.



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