



Data Backup Assessment

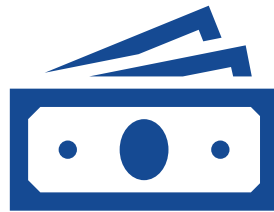
Should You Move Your Backups to Azure?



Do you have exponential data growth?



Are you already considering the cloud?



Do you have overwhelming operational costs?



Do you need to free up local storage?

Complimentary Assessment

- Assess your storage capacity
- Determine your storage utilization
- Identify potential risks, exposures and single points of failure
- Determine if Azure is right for you



Sirius and Microsoft Partnership

- Microsoft Gold Cloud Productivity & Platform Partner
- Help clients manage, migrate and secure their Microsoft Azure environments
- Proven methodology that leverages industry best practices to achieve their business-desired outcomes



Backup/Disaster Recovery Solutions for Azure





THANK YOU



Optional Slides

Office 365 Backup Considerations



- › Office 365 Redundancy
 - SLA of 99.9% up time
 - All layers - physical, data and functional
- › Office 365 Backup/Restore
 - Not available at the file or object level
 - Best practices leverage a third-party solution



Azure Backup - Cloud Workloads



- Managed on VM Blade
 - Backup and Restore
- Recovery Services Vault
- LRS/GRS Redundant
- Built In Scheduler
- Max Retention - Decades
- Supports Azure Files

The screenshot shows the Azure Backup console for a virtual machine named 'chandler - Backup'. The left sidebar contains navigation options: Configuration, Properties, Locks, Automation script, OPERATIONS (Auto-shutdown, Backup, Disaster recovery (Preview), Update management (Preview), Inventory (Preview), Change tracking (Preview)), MONITORING (Metrics, Alert rules, Diagnostics settings, Advisor recommendations, Diagram), and a search bar. The main content area displays the 'Backup' page with the following details:

Recovery services vault: vault433
Subscription name: Microsoft Azure Sponsorship
Subscription ID: b70f6ccc-edf0-4206-8b3a-7ebcb6e08f04
Item type: Azure virtual machine
Last backup status: Success

Last backup time: 3/5/2018, 8:38:49 AM
Latest restore point: 3/5/2018, 8:39:10 AM (1 hour(s) ago)
Oldest restore point: 3/2/2018, 4:12:47 PM (2 day(s) ago)
Backup policy: DailyPolicy
Backup Pre-Check: Passed

Restore points table:

Restore points	
Last 30 days	4
Last 7 days	4

Azure Backup - On-Prem Workloads



Azure Backup Agent

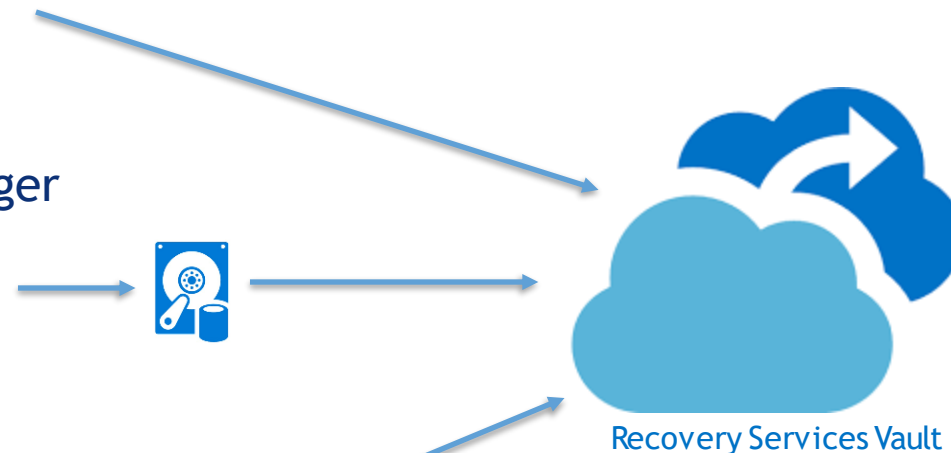
- Files/Folders
- System State
- **Windows Only**

Data Protection Manager

- Files/Folders
- System State
- Applications

Azure Backup Server

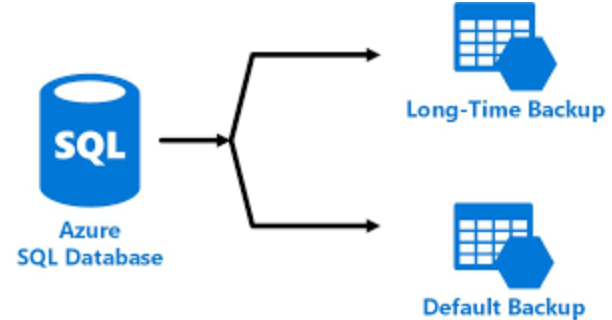
- Files/Folders
- System State
- Applications
- No Tape Support



Azure Backup - Azure SQL Database



- Automatic - No Scheduling
- Full Backup - Weekly
- Differential Backup - Every 3 hours
- SQL Log Backup - Every 5 minutes
- Supports Encryption Databases
- Long-Term Retention Available



Basic Tier
7 Days

Standard Tier
35 Days

Premium Tier
35 Days

Long Term
Up to 10 Years



Commvault for Office 365™ delivers comprehensive data protection, archiving, and discovery from a single, integrated platform, providing a total data management solution that helps your customers protect, complete, and enhance their Office 365™ investment.

Use Cases / Challenges

Data Protection and Recovery Concerns

- Microsoft® retention policies cannot guarantee a complete and rapid restore of lost data
- Office 365™ provides data replication, not backup, of only Office 365™ assets
- Collaboration files are at risk due to accidental deletion, corruption, or malicious attacks

Migration Concerns

- Large on-premises Microsoft® Office™ environments may seem impossible to migrate
- No predictable timeline or cost for migrating on-premises Microsoft® assets
- Lack of understanding where on-premises data lives, or if should be moved to Office 365™

Search and Discovery Gaps

- Office 365™ requires a hybrid search and discovery strategy; one tool for Office 365™ and another for data repositories
- Office 365™ native eDiscovery tools provide a reactive approach that holds data in-place
- Native Office 365™ eDiscovery tools are less useful if the necessary data-related pre-planning has not been performed

Commvault Solutions

Comprehensive Data Protection and Recovery

- Protect all Office 365™ assets in Exchange Online, SharePoint Online, and OneDrive for Business; Windows® 10 laptops & desktops; all on-premises data across multiple data types
- Store a backup copy of assets outside of Office 365™ to access, or migrate them elsewhere
- Recover data from deletion, corruption, or malicious attacks such as ransomware

Rapid and Efficient Migration

- Save time by archiving redundant, outdated and trivial data prior to Office 365™ migration
- Save money by archiving legacy user mailboxes, eliminating unnecessary licensing costs
- Seamlessly manage on-premises and Office 365™ deployments from a single console

Proper Regulatory Compliance

- All-inclusive regulatory compliance through proactive data collection
- High-speed search and discovery of multiple data types, across Office 365™ and other repositories, including on-premises
- Leverage native Office 365™ journaling policies to build a defensible, compliant copy for data preservation and discovery

Veeam - 6 Reasons Why Backing up Office 365 is Critical



As a robust and highly capable Software as a Service (SaaS) platform, Microsoft Office 365 fits the needs of many organizations perfectly. Office 365 provides application Availability and uptime to ensure your users never skip a beat, but an Office 365 backup can protect you against many other common use cases.

By talking with hundreds of IT professionals across the globe who have migrated to Office 365, six pitfalls

in data protection remain: Accidental deletion, retention policy gaps and confusion, internal security threats, external security threats, legal and compliance requirements and managing hybrid email deployments and migrations to Office 365.

As a commercial or enterprise-sized business, you need to make sure your IT team is in control and never loses access to your business-critical data.



Accidental deletion



Retention policy gaps and confusion



Internal security threats



External security threats



Legal and compliance requirements



Managing hybrid email deployments and migrations to Office 365