



Azure Backup

For Physical, Hybrid, and Cloud Environments

Power of Backing up to Azure

Data is the heart of any organization and backing up this data is a key part of a business strategy. Azure Backup is a scalable solution with zero capital investment and minimal operational expense. With the optional integration with System Center Data Protection Manager, you can protect advanced workloads running in your datacenter in VMs or on physical servers.



With System Center 2012 R2 Data Protection Manager, we've been able to reduce our backup work and labor costs by up to 70 percent.



By switching to System Center 2012 R2 Data Protection Manager as its global backup solution, SaaS plaza has reduced backup times by 30 percent, reduced backup costs by US\$500,000 annually

Protect Your Critical Assets Wherever They Are

Your data and applications are everywhere – on servers, clients, and in the cloud. Azure Backup can protect your critical applications including SharePoint, Exchange, SQL, files and folders, Windows Servers, Windows Clients, and Azure IaaS VMs.

Compelling Alternative to Tape

Due to business or compliance requirements, organizations are required to protect their data for years and over time this data grows exponentially. Traditionally, tape has been used for long-term retention. Azure Backup provides a compelling alternative to tape with significant cost savings, shorter recovery times, and up to 99 years of retention.

Secure and Always Available

Azure Backup stores three copies of your data in three different locations in the Azure Datacenter and another three copies in an Azure datacenter in a remote location. Data is encrypted before it leaves your datacenter, sent over a secure connection to Azure, and stored encrypted in Azure.

Efficient and Flexible

Once the initial seeding is complete, only incremental changes are sent based on a defined schedule. Built-in compression helps limit network utilization and throttling shapes the network traffic.

Azure Integrated Backup Solution

Azure Backup protects your data in the cloud and optionally can be integrated with System Center Data Protection Manager for advanced workload protection.

- Data protection schedules can be daily, monthly, weekly, and yearly with retention up to 99 years in Azure
- Protects workloads running in Azure, in VMs, or on physical servers
- Centralized monitoring and reporting across on premises and Azure

Advanced Workload Protection

- Protects files and folders from Windows Servers and Windows Clients
- Integrates with SCDPM protects enterprise workloads including SharePoint, Exchange, SQL Server, and Hyper-V VMs
- Protects guest workloads running in VMware environments
- DPM works seamlessly with the Hyper-V Volume Shadow Copy Services (VSS) writer to ensure that consistent versions of virtual machines are captured and protected without affecting virtual machine access
- Granular restore capability such as mailbox recovery for Exchange, DB level recovery for SQL, and ILR for SharePoint

Automated, Reliable, and Secure

- **Scheduling:** Customers can specify daily, weekly, monthly and yearly policies
- **Retention:** Data can be retained in Azure for up to 99 years
- **Throttling:** Network throttling can be configured so that optimal bandwidth usage happens during off-peak time
- **Incremental:** After the initial seeding, backups are incremental, ensuring that resources such as storage and bandwidth are efficiently used
- **Compression:** Data is compressed on the client side so there is less bandwidth consumption and less storage consumed
- **Secure:** Data is encrypted in your datacenter and stored encrypted in Azure – the encryption key is stored and managed locally
- **Reliable:** 3 copies of the data are stored to a single datacenter location and optionally at an additional, remote datacenter

Offline Seeding

Initial backups can be time-consuming and consume large amounts of bandwidth. With Azure Import/Export, the initial backup can be executed locally and then the physical media can be delivered to the nearest Azure datacenter.

Central Monitoring and Reporting

System Center Operations Manager monitors all of your DPM servers for an enterprise view of data protection, health status, resource usage, performance trends, and root cause analysis. Powerful reporting infrastructure can be used to generate data-rich, custom reports and dashboards across DPM servers from a single pane of glass.

Supported Environments

Clouds

- Private
- Hybrid
- Azure

Platforms

- Hyper-V 2008 R2, Hyper-V 2012 R2

Hosts

- Windows Server 2008 R2, Windows Server 2012 R2

Windows Clients

- Windows 7, Windows 8, Windows 8.1

System Center Data Protection Manager

- System Center 2012, System Center 2012 R2

Microsoft SQL

- SQL 2005, SQL 2008 R2, SQL 2012 SP2, SQL 2014

Microsoft Exchange

- Exchange 2007, Exchange 2010, Exchange 2013

Microsoft SharePoint

- SharePoint 3.0, SharePoint 2007, SharePoint 2010, SharePoint 2013

Software

- System Center Data Protection Manager
- System Center Operations Manager