IIS Data Protection Modernization and Tape Elimination

Cloud Backup and Archive

Increased data growth rates have put increased stress on traditional data protection solutions and forced customers to look to the Cloud as a solution to this problem. IIS has developed a solution to assist customers in modernizing their backup/restore and archive solutions though Cloud integration. IIS Data Protection Modernization solutions ensure customers maintain control of their data while enabling all of the business agility and benefits that public/private cloud integration promises. IIS solutions and services allow you to quickly plan, implement, and manage Cloud Backup, Recovery, and Archive solutions. Leverage our cloud, business, and technology delivery consultants to learn how to transform your business and capabilities with regards to data management, service design, and industry best practices.

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> Because of the compelling price-to-value proposition of cloud storage and DR, organizations are increasingly looking to cloud solutions for data resilience.
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> — IDC Technology Spotlight: Leveraging the Public Cloud for Faster Disaster Recovery at Lower Cost, May 2015

Today's Challenges:

Enterprises are looking for cloud backup and disaster recovery solutions that combine high-speed, on-premises backup and recovery, and low-cost off-site storage. The challenge is that most enterprise customers are subject to regulatory compliance issues or corporate governance requirements that restrict them from handing over control and oversight to a third-party service provider. These customers are required to maintain their data sovereignty.

Key Benefits:

Maintaining data sovereignty

IIS Data Protection Modernization delivers a cost-effective, highly flexible cloud approach for enterprise customers to maintain full control and data sovereignty over their entire enterprise backup infrastructure — whether they decide to store their remote office backups at the HQ data center or up in the public cloud — all without needing to rely on a VPN. With end-to-end encryption at source, in-flight and at rest, customers always know their data is secure and within their control.

Backup to a primary data center or private/public cloud of your choice

Enterprise businesses with many different physical locations need a way to centrally manage and store the data that resides in each office. In addition to keeping a local copy of the data, IIS Data Protection Modernization allows enterprise businesses to take control of their data, allowing a local copy of the data to remain at each location for rapid recovery while managing a central data repository private/public cloud for archiving and data compliance.

Enable IIS Cloud-Enabled Data Protection Modernization to Public Cloud:

- Eliminate the need for costly legacy tape and disk archiving services and provide the scale and flexibility required to meet higher Service Level Agreements
- Eliminate the possibility of losing data due to damaged media
- Reduce data recovery time by eliminating off-site data retreival delays

The 3-2-1 Rule

3 Maintain at least three copies of your data and applications

2 Store your backups on at least two different media

1 Keep at least one of the backups off site (i.e., cloud)

With the IIS solution, it's easy to follow the 3-2-1 Rule, providing a cost-effective way to maintain control over multiple backups on different media in distinct locations with nothing but basic Internet access (no VPN required).

Unlike other off-site backup solutions, the IIS solution offers functionality which provides near instant, granular recovery of application items, from your on-premises, private or public cloud archive for Microsoft Active Directory, Exchange, SQL Server, SharePoint and Oracle.

A self-service portal is available to allow end users to recover their data with superior business agility from a drag-and-drop explorer.

IIS solutions provide Direct Restore capabilities to certain cloud providers, enabling the restoration or migration of VMs and physical servers and endpoints to the cloud for testing and/or DR.

IIS DRaaS and Data Protection Modernization and Tape Elimination:

- DR/BC assessment
- DR/BC managed services
- Backup/Restore and Archive managed services
- Data Migration
- Multiple Endpoints Integration
- Capacity Planning
- Compliance Reporting
- Integration with ServiceNow to ensure ITIL process compliance

Business Drivers:

- Lower OPEX Costs and improve ROI
- Improve Time to Recovery and Recovery Points
- Demand for shorter backup windows
- Exponential data growth driving increased capacity demands
- Disaster Recovery

Business Outcomes:

- Provide faster and more flexible DR/BC strategy
- Reduced WAN bandwidth requirements for backup
- Supports eDiscovery and Litigation Hold
- Consolidate/eliminate tape-based infrastructure
- Staff efficiency, lower OPEX and improved ROI

IIS Day Two Operational Support Features:

IIS offers managed service and by-the-drink consumption models to assist our customers in their day two operations associated with the data protection solution and the Cloud integration.

Deliver business agility and drive growth through data protection modernization and Cloud integration

Realize the business advantage that comes with delivering IIS Data Protection solutions and managed services on demand to achieve the right mix of control, security, hybrid cloud integration, and operational support.

Learn more: IISL.com