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Oracle's Modern Approach to Data Protection

Three Benefits of Modern Data Protection

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“Data protection has become the most critical IT discipline as most businesses in the modern world can no longer survive without their IT function. As a result, we are beginning to see the next generation of data protection solutions appear as legacy processes become increasingly burdensome, expensive, and unreliable.”

FRED MOORE
PRESIDENT
HORISON, INC

When it comes to comprehensive data protection, companies are implementing outdated strategies that are ineffective and inefficient. Some enterprises find that they address business continuity, but neglect disaster recovery. Without an integrated, complete, and secure data protection strategy, companies leave themselves vulnerable to unexpected downtime and data loss. A modern solution for data protection is needed to address these challenges in a way that lowers costs, simplifies management, and provides peace of mind.

The Outdated State of Data Protection

Dissatisfaction with data protection is at an all-time high; more than 80 percent¹ of CIOs are dissatisfied with the cost and complexity of backup and recovery. Today's data protection architectures are overly complex, expensive, and outdated, causing businesses to spend too much time and money on backup and recovery.

Often companies focus solely on short-term business continuity, typically using replication, snapshots, and deduplication to scale-out their backup environments. This leaves protection from online attacks and major disasters unaddressed. In fact, most data recovery plans go untested, leaving businesses unsure and apprehensive of their ability to survive a data loss or disaster.

These sprawling systems lack up-to-date modern data protection features such as seamless cloud integration, and instead they require users to manually move data to the cloud. This places additional burdens on the backup administrators to identify and select data to move.

These systems also treat all data the same, backing up the same data repeatedly instead of identifying and moving data to an archival storage system depending upon where that data resides within its lifecycle. Nearly 80 percent of stored data goes unused after 90 days. Archiving allows you to move infrequently needed files from your system, freeing up valuable primary storage space by off-loading unused data.

A Modern Approach

Businesses that take a holistic, multifaceted approach to data protection are not only better prepared and protected but also are more trusted in their marketplace. Ironically, a more comprehensive data protection strategy can actually reduce the costs of IT by simplifying processes and leveraging lower cost tiers of storage, including cloud.

Reduced Costs

The costs of data storage are exploding along with the amount of data to store and protect. Utilizing the right technology to simplify backup and archive processes can dramatically reduce storage costs. By moving long-term cold data to an archive

¹ Veeam Annual Data Protection Report 2013

environment, businesses can save—in some cases up to 80 percent². Further savings of 2-5x can be driven by leveraging tiered storage within on-premises, hybrid, and cloud deployments.

Simplified Management

A simplified and centralized data protection solution provides intelligent, policy-based management that allows for frequent recovery testing and supports multiple tiers of storage. Seamless integration of existing backup structures with disk, tape, and the cloud behind a single point of control simplifies management.

Peace of Mind

Integrating a comprehensive, modern approach to data protection includes full backup and disaster recovery capabilities that support regular recovery testing. Complete disaster recovery protection is ensured through integrated data integrity protocols and .99999 system availability, ensuring full restore capability and eliminating the risk of data loss.

Complete and Secure Data Protection

Oracle ensures complete data protection by addressing both business continuity and disaster recovery utilizing a simple two-step approach:



Oracle's modern data protection solutions defy disasters and outages while keeping businesses running. Business continuity provides protection against instances of data corruption or loss while disaster recovery provides protection against partial or complete data center loss or destruction. In addition, by moving long-term cold data to an archive environment, primary storage can be freed up and overall storage costs reduced.

² What are the Benefits of Data Archiving with Oracle? 2015

Oracle's Modern Data Protection Approach

FEATURES AND BENEFITS OF ORACLE'S MODERN DATA PROTECTION

Features	Benefit
Centralized Management	Simplify management with a single point of control and manage protection, retention and search across multiple environments while automatically balancing workloads.
Seamless Cloud Integration	Lower costs by automatically extending data protection, archive, and disaster recovery across on-premises and cloud tiers.
High Availability	Ensure 24/7 operations with built-in, redundant processing nodes and seamless failover/failback capabilities.
Flexible Scalability	Grow as your business grows. Nondisruptively scale the system for performance and capacity to keep up with growing business demands.
Content-Based Retention Policies	Reduce the cost, risk, and complexity of storing data through defined content-based retention policies.
Automated Storage Tiers	Lower the complexity and cost of storage by automating data placement across disk, tape, and cloud tiers of storage.
Disaster Recovery	Rest easy. Maximize uptime and provide resilient, secure disaster recovery by utilizing multiple recovery technologies and routinely testing recovery capabilities.
Investment Protection	Save money and minimize risk—full data interchange and coexistence of generations eliminates the need for forklift upgrades to leverage the latest technology.

Oracle's comprehensive approach, paired with regular system testing, allows for protection against instances of data corruption and against data center loss or destruction while meeting any customer recovery time objective (RTO) and recovery point objective (RPO) requirements.



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