SOLUTION SHEET

Scality RING Powers Hybrid Cloud Data Management

The combination of on-premises storage and the public cloud enables hybrid cloud use cases that are changing the way enterprise IT leaders think about data management and data protection. Enterprises are implementing hybrid cloud architectures to leverage cloud archive services, to maintain full copies of their on-premises data for disaster recovery, to protect against ransomware attacks, to take advantage of cloud service bursting, and more.

Many enterprises want to maintain their primary data storage on-premises for reasons including performance, security, compliance, etc. However, the public cloud offers compelling services that can enhance this on-premises data. Scality RING powers next-generation hybrid cloud data management and data protection use cases:

DATA ARCHIVE: For on-premises data that must be maintained for long periods but not actively managed, public cloud storage archive pricing and accessibility make it an increasingly attractive option for long-term data retention.

DISASTER RECOVERY: Maintaining a secondary data center for DR purposes does not always make sense. Replicating on-premises data to the public cloud, coupled with the ability to quickly spin up application components in the cloud, gives customers a variety of disaster recovery options that range from immediate failover to longer recovery time objectives for less critical workloads.

CLOUD SERVICE BURSTING: In addition to leveraging the cloud for raw compute power, enterprises are pushing data to a growing number of artificial intelligence and machine learning data services that would be far too difficult and costly to build and maintain within their own on-premises infrastructure.

"Object storage with the right orchestration solution can manage huge amounts of data safely and cost-effectively, making it accessible from everywhere and from every device."

Enrico Signoretti,
Analyst, Gigaom

What RING Provides:

Lower costs

A hybrid-cloud combination of RING and the public cloud reduces costs by enabling enterprises to take advantage of cloud archive storage. Additionally, enterprises can save significant capital and operational costs associated with owning and operating a data center for DR purposes. Scality RING can make the most of cloud archive strategies by enabling replication to multiple clouds simultaneously, so organizations can take advantage of low ingress and storage costs while avoiding potential high costs of cross-cloud replication or egress.

Global Visibility and Search

Powered by a rich metadata engine that supports both system-generated and user-created tags, RING maintains a global metadata namespace of all data managed, independent of location or storage service. This namespace provides a single view of all global data which streamlines data management.

Data Mobility

RING supports 1-to-1 replication, 1-to-many replication, lifecycle transition, and lifecycle expiration policies to provide automated data mobility across both on-premises and public cloud storage.

Proven Cloud Partnerships

Scality supports hybrid cloud architectures with Microsoft Azure, Amazon Web Services, Google Cloud Platform, Wasabi, and more.

SCALITY

Transforming Data Management and Data Protection

Multiple Copies in Independent Locations

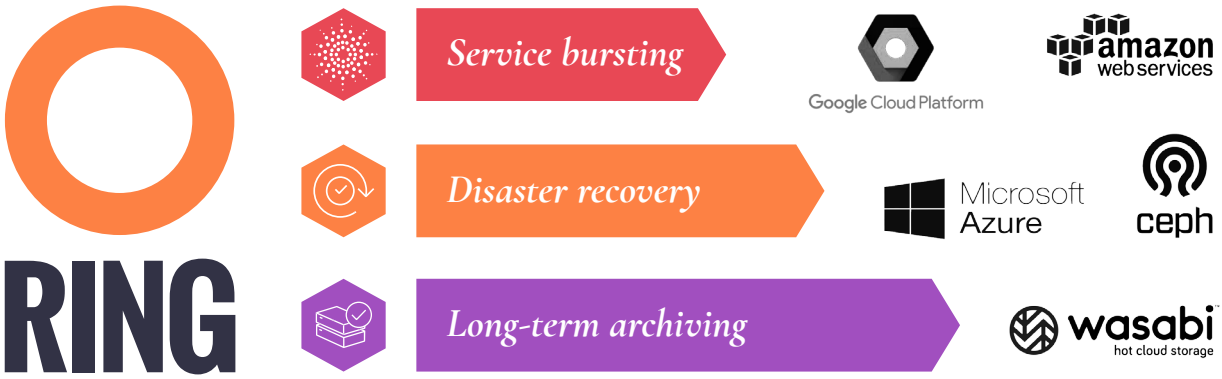
Data is a critical asset for today's digital businesses. Many organizations are storing multiple copies and often leveraging completely different storage providers for these copies. It is not unusual to see a primary copy on-premises with redundant copies in at least one cloud provider. Storing multiple copies of data in independent locations allows businesses to distribute data to a global user base, to protect data for disaster recovery, and to avoid lock-in to any specific vendor.

Maintain Open and Readable Data

When implementing hybrid cloud data architectures, it is important to maintain the native data format of all storage locations — meaning that data should not be stored in the proprietary format of any specific vendor. By maintaining the native data format, RING not only manages data of different formats, but also allows that data to be used by cloud services. For example, data can be moved between RING, AWS, and Azure and can be accessed by data analysis services in AWS and Azure.

Distributed Archiving

Cloud storage provides very compelling "cheap and deep" archive options that are causing many enterprises to reevaluate their tape-based archive systems. With customizable lifecycle transition policies, RING enables customers to move data from on-premises to these cloud archive services when that data is no longer needed, but must be retained for compliance or regulatory purposes.



SCALITY RING Scality designed RING for a world where nonstop access to data is an absolute expectation and data durability levels exceed those of human lifetimes — two design points far out of reach for legacy storage solutions. Customers have deployed RING in vertical industries spanning from media & entertainment and healthcare to financial services, government, manufacturing and more.

ABOUT SCALITY Scality® storage propels companies to unify data management no matter where data lives — from edge to core to cloud. Our market-leading file and object storage software protects data on-premises and in hybrid and multi-cloud environments. With RING and ARTESCA, Scality's approach to managing data across the enterprise accelerates business insight for sound decision-making and maximum return on investment. To compete in a data-driven economy, IT leaders and application developers trust Scality to build sustainable, adaptable solutions. Scality is recognized as a leader by Gartner and IDC.

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