CUSTOMER INSIGHT

The customer, a large heavily regulated global financial institution, using Rubrik and Assured Data Protection Managed Services to protect more than 3PB of data across their private data centers worldwide.

Traditionally the client has been a private cloud, on-premises first user. This approach was being transitioned to a "cloud first" stance with a push to migrate all workloads to their Azure platform, making use of LaaS and PaaS platforms.

Workloads include:

• VMware

• Physical Windows & UNIX platforms

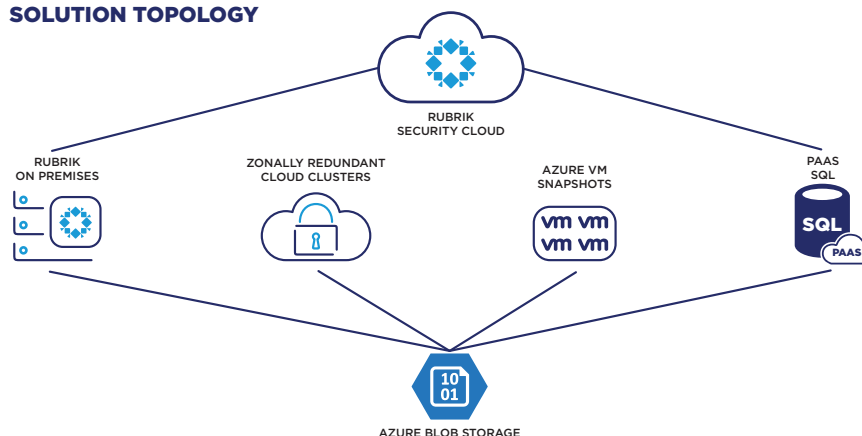• MSSQL and Oracle Database

• NAS

CUSTOMER REQUIREMENTS

This customer's data is the life blood of their organization, and the protection and recoverability of their systems is paramount, and this was a non-negotiable stance taken when considering moving data into the cloud.

The client challenged Assured and Rubrik to architect a solution that gave them complete 'feature parity' between their on-premises and cloud workloads to ensure that their way of working was not impacted before, during or after the migration of applications and services being provided to the wider business.

ASSURED SOLUTIONS

Assured designed and implemented the plan to refactor Rubrik on-premises to optimize its performance for the cloud and leverage specific cloud capabilities, without changing the user experience. Using the entire Rubrik Security Cloud toolset, Assured was able to deliver a solution that met the clients technical, functional, and operational requirements.

SOLUTION TOPOLOGY

RUBRIK
SECURITY CLOUD

RUBRIK
ON PREMISES

ZONALLY REDUNDANT
CLOUD CLUSTERS

AZURE VM
SNAPSHOTS

PAAS
SQL

SQL
PAAS

vm vm
vm vm

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AZURE BLOB STORAGE

CUSTOMER OUTCOMES

Maintained the same level of compliance reporting demanded from on-premises deployment, not achievable with Azure DPM alone.

Reduced global data center footprint from 10+ dedicated data centers to six collocation racks, reducing RU from 200 to approximately 8 RU.

No additional professional service, management, or training costs, project was completed under current managed services contract.

• Zonally redundant Rubrik Cloud Cluster ES – This is the Rubrik cloud data management (CDM) platform running on top of Azure Blob storage in a configuration that enables the client to maintain both data integrity and backup and recovery activity to function in the event of an Azure zonal outage

• Migrated all Rubrik on-premises backup tools and functionality to the cloud

• On-Premises CDM – To ensure that workloads that are not suitable or not cloud-appropriate are still protected in the same manner as today

• Rubrik Security Cloud provides a single pane of glass to control all workloads and backups, on both CDM clusters on premises and in the cloud, providing global workloads a single home, rather than protecting and managing multiple on-premises data centers

• Reporting and monitoring connections to existing tools such as ServiceNow and Splunk were maintained, and there was continuity during the entire migration process

Each of these elements was brought together using Assured's ProtectView technology to enable a seamless and continual view for the client regardless of which technology or what location their workloads resided within.