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cloudsolutions@compunet.biz

AWS BACKUP / ARCHIVE / DISASTER RECOVERY CASE STUDY

CompuNet, Inc.

CUSTOMER PROFILE



Name: Weyerhaeuser / Plum Creek
Location: Columbia Falls, MT
Financials: ~ 7.2B
Employees: ~ 10,000
Offices: North America & Japan

Weyerhaeuser/Plum Creek has a variety of IT systems and data from many systems. IT Services supports and ensures their stability, performance and disaster recovery.

PROBLEM

Weyerhaeuser needed to ensure the safety and recovery of a large amount of on-premise data (approximately 100TB).

Also, they wanted to replicate many highly visible applications (VMs) to a cloud provider and be able to activate them in the event of a disaster. Some VMs required premise to cloud synchronization and to be in an always-on/ ready state.

PROPOSED SOLUTION

CompuNet proposed utilizing Amazon Web Service as the cloud solution for this case. For the initial seed of data to be done, our Certified Architects recommended using the S3 adapter in conjunction with AWS Snowball, then initiate lifecycle management for S3 to Glacier for archival storage and cost controls.

For Disaster Recovery of mission-critical applications, CompuNet's Certified Architects proposed running Commvault's media agent to synchronize the backup and replication from premise to Amazon Web Services and was used to coordinate Commvault's Livesync functionality. As part of the Livesync process, Commvault creates EBS snapshots and does not have a retention policy. CompuNet's engineers designed a Lambda function that was triggered via CloudWatch event to delete tagged EBS snapshots based on the customer's retention requirements.

QUANTITATIVE OUTCOME

Based on CompuNet's cloud expertise and POC, Weyerhaeuser decided that Amazon Web Services was the right solution over other competitive Hyper-Scale Cloud providers. Using a combination of Snowball, existing customer technology partner Commvault, EBS Snapshots and S3 the successful implementation of these configurations alleviated concerns about the loss of both primary and secondary systems, established cloud-based business continuity/disaster recovery reducing recovery time from weeks to hours and saving hundreds of personnel hours. It also created a cloud-based backup and archival environment, paved the way for Weyerhaeuser to eliminate the CAPX cost of a complete on-premise physical hardware, licensing refresh and reduce their physical data center footprint from five to two (40% reduction) by strategically relocating, based on CompuNet's consultations and global partnerships, to cloud adjacent colocation facilities. This successful campaign also allows Weyerhaeuser to evaluate and pursue additional AWS cloud endeavors.



Strategy

We assess your workloads and align placement with business objectives.



Planning

Dialogue with key stakeholders helps build a Cloud Adoption roadmap.



Delivery

Our iterative approach gets results quickly and drives agile migration.



Management

We fine tune, manage cost, and optimize performance.



Advanced
Consulting
Partner

AWS Public Sector
Partner