

# Lumen<sup>®</sup> Network Storage

## Use case – off-site data protection

### Business Challenges and Objectives:

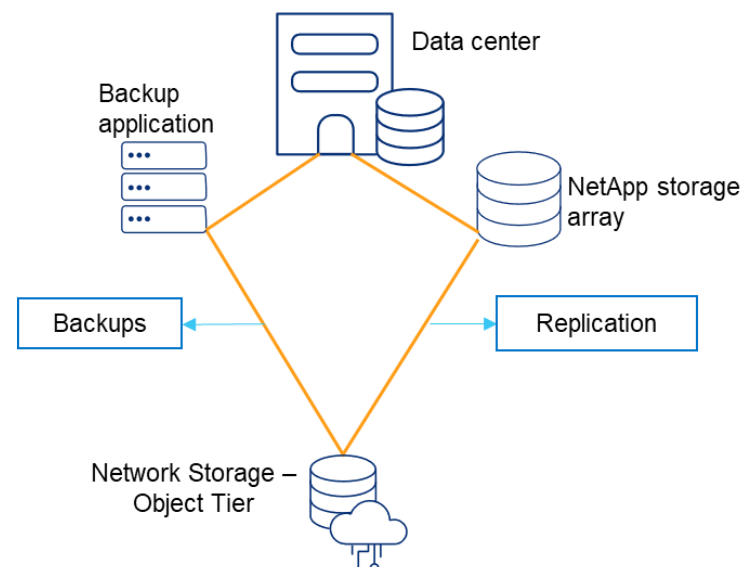
- Business is using a single data center where all their data is stored
- Current infrastructure creates a single point of failure, with potential data loss in the event of a failure, disaster, or security event
- Business critical data must be stored with redundancy in a secondary physical location
- Current Data Backup Scenario:
  - Backups are performed using local storage and tape for offsite archives
  - Significant growth in data is creating challenges with data backups, including cost, protection, time, and putting constraints on aging infrastructure
- Current Data Replication Scenario:
  - Primary production storage is on NetApp storage arrays in their data center
  - Replicating to a secondary array requires redundant hardware (that often sits idle) and expensive software licenses

### Lumen Solution:

- Lumen Network Storage – Object Tier, enabling cost-effective, offsite, and disk-based storage that integrates directly with current backup application
- Restores are accomplished on demand rather than requiring a manual tape recall / restore
- Low-latency replication targets for seamless replication between the customer's existing NetApp array, and a secondary site in a choice of physical locations
- Target storage configured with automatic tiering to Lumen Network Storage – Object Tier

### Expected Business Outcomes:

- Ability to quickly and efficiently recover business critical data in the event of a failure, disaster, or security event
- Backup and Replication infrastructure is refreshed to help alleviate aging infrastructure, reduce cost, and increase data protection
- Achieve cost-effectiveness with data protection solution by eliminating idle infrastructure, additional licenses, and egress fees, while leveraging pay-as-you-go pricing



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