

# Cloud File Services

American provider of IT channel-focused events, media, research, consulting,  
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## BUSINESS PROBLEM

The Customer has multiple users who process video files and store them on local USB drives. These files represent approximately 10TB in cumulative size and individual files can grow to several GB. These files are not protected and this exposes the Customer to costly data loss and availability concerns.



## PROJECT OVERVIEW

AWS migration with a comprehensive mechanism to mitigate risk and improve collaboration at various levels:

- Centralized data by migrating to **S3** buckets
- Configured lifecycle policies to optimize spend by tiering storage to **S3**, **S3 IA** and then **Glacier**
- Located **S3** buckets in us-east-1 for optimal performance/price
- Deployed **CloudBerry Drive** to provide end users direct access to files residing in **S3**
- Securely controlled access through **IAM** policies
- Enabled multi-part upload for efficient performance
- Enabled encryption at rest, encryption in transit and server access logging through **CloudTrail**



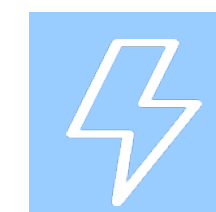
## COST IMPACT

- Saved the customer up to 80% off S3 pricing by moving data to S3 IA and eventually to Glacier



## RISK IMPACT

- Improved durability of objects to 99.999999999% and availability of objects to 99.99% from zero commitment in the previous model
- Enabled versioning to easily recover from both unintended user actions and application failures
- Used IAM policies to prevent unintended access to data



## SERVICE IMPACT

- Provided scalability with near infinite growth potential
- Improved availability to (24x7x365)
- Enabled users to collaborate with greater flexibility by providing access to media files from any location