CASE STUDY – Orange County Sanitation District

PROBLEM STATEMENT

Client wanted hybrid cloud storage service that gives an on-premises access to virtually unlimited cloud storage.

SOLUTION HIGHLIGHTS

We helped the client in setting up Storage Gateway which allows them to store their On premise large files in AWS without any worries of storage limitations

- We migrated their files to AWS Storage services.

- Implemented File Gateway structure which allows them access to this files from their On-premise systems.

- Implemented the architecture which allows them to monitor the file retrievals and API calls made in the account.
- Also Automated the retrieval of the objects whenever someone requests access to certain archived objects without any manual intervention.

About OCSD

Industry:

The Orange County Sanitation District (OCSD) is a public agency that provides wastewater collection, treatment, and disposal services for people in central and northwest Orange County.

Challenges:

Client want to securely and easily store Infrequently accessed large files and backups in the cloud. Also to automate the retrieval of Archived objects whenever requested.

WHY AWS

A secure, low-cost and scaleable environment can be architected using the following AWS services:

- S3 provides unlimited storage service and pay-as-you-go using which we don't need to worry about storage cost. Also allow to archive the infrequently accessed files which are lower in cost to store compared to standard storage pricing.

- File Gateway helps us to access virtually unlimited cloud backed file shares from on-premises, reduces our costs of storing data locally, and provides us with additional flexibility by allowing us to access our data in the cloud.

- Automated the retrieval of the archived objects using Lambda and Cloudwatch whenever someone tries to access the files using File share/Storage Gateway.

- Allows the auditing of the API calls made, using CloudTrail. Also IAM and AWS KMS helps in improving the file access security.

WHY customer selected ScaleCapacity, Inc

ScaleCapacity have experts who are standing by to provide customers the assistance needed to design scalable, reliable, and secure cloud solutions for their organization. We have certified AWS Architects and Developers who are experienced in this field and can fulfill the customer requirement efficiently.

RESULTS

Successfully able to create a Storage Gateway which allows the users to access the files locally which are actually stored on AWS cloud. Also automated the retrieval of the Archived Objects whenever the access is requested without any manual intervention.

About Partner	ScaleCapacity, Inc is AWS Advanced Consulting Partner and experienced in providing AWS consulting services related to various client needs, which includes (but not limited to) setting up AWS environments, migrating to AWS, provide well-architected AWS solutions. ScaleCapacity, Inc has well defined processes to carry out client's strategy for delivering solutions on AWS cloud.
SCALE CAPACITY	

Orange County Sanitation District