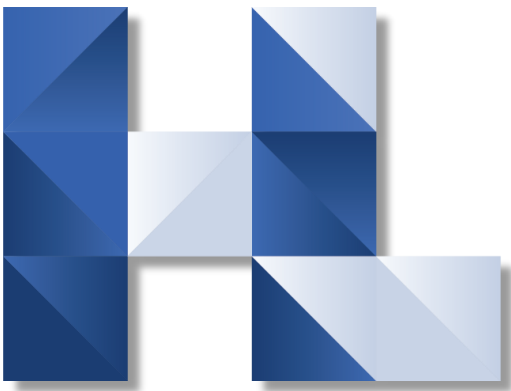


# Hidden Lake Technology

## Amazon Web Services Migration Practice



**HIDDEN LAKE**  
TECHNOLOGY

**Abstract:** HLT Professional Services may be engaged to migrate a customer's datacenter into the AWS cloud. These services may include a complete or partial relocation based on the customer's IT strategy and initiatives, including cost optimization, load balancing and scaling. These services may be used in combination with security, training, devops and other HLT services to create a complete solution to a customer's IT challenges. All operations and recommendations are based on successful past performances, industry best practices and our professional services team guidelines.

# OVERVIEW

## BIG IDEA

Hidden Lake Technology's AWS Migration Professional Services can be deployed to lift and shift a customer's IT infrastructure into the cloud for greater agility, cost savings and availability

## CAN BE DEPLOYED FOR

Public or private sector customers

Complete environments

Applications

High Availability

Disaster Recovery

Backups/Archiving

## WHO NEEDS THIS

Customers moving from on premise to hybrid or full cloud environments

## PROJECT SUMMARY

An initial consultation with HLT sales will establish a scope of work, project timeline and estimate custom to your environment and particular needs. After the contract is in place, HLT professional services will conduct a kickoff meeting with customer stakeholders to review the scope of work, estimated timeline, customer questions and establish a project start date.

Engagements may be either on a project or full time/managed basis, depending on customer needs and what is most appropriate to accomplishing the objectives. Pricing may be either time and materials or firm fixed price with clearly defined project milestones. HLT encourages customers to utilize remote access for ease of project delivery and scheduling, but also offers on-site services as well.

# SAMPLE PERFORMANCE

## PAST PERFORMANCE- FEDERAL AGENCY DATACENTER GOVCLLOUD MIGRATION

Hidden Lake Technology deployed our professional services engineers in support of this federal department's GovCloud migration efforts. This long-term project consisted of the HLT team documenting the customer's complex on site architecture, adapting and optimizing for the Amazon Web Services platform, and constructing that mirror within the GovCloud environment. We then migrated the customer's data and applications into the new infrastructure using a combination of tools and backup/disaster safeguards.

After the successful migration and thorough testing for availability and disaster recovery, the customer was able to decommission the majority of their on site datacenter, saving money and streamlining their agency-wide processes.

## CUSTOMER

United States Federal Agency

## DELIVERY METHOD

Remote via AWS console and Webex with monthly on site status updates and progress reviews

## OUTCOME

Success- customer has decommissioned majority of on site datacenter and has primary operations in AWS GovCloud

## DELIVERABLES

Migration Plan and Task List

Status Reports

Testing Results

Final Documentation

## SCOPE OF WORK AND PROPOSAL INFORMATION

Following page(s)- redacted, example only

## Scope of Work & Project Timeline

### SCOPE OF WORK

Hidden Lake Technology will deploy their Professional Services engineers to perform the following work remotely and on site in support of the customer's IT environment. The overall goal of this project is an AWS Cloud Migration. In addition to the services provided, the professional services team will include detailed documentation of all the work completed during the project timeline. The documentation can include: manuals, knowledge transfer and training information, step-by-step configuration details and ongoing best practices according to HLT and Amazon Web Services.

The Scope of Work (SoW) will include:

- Phase 1- Preparation and Planning
  - Objectives
  - Benefits
  - Business case
  - Migration strategy
  - Bill of Materials
- Phase 2- Architecture
  - On premises architecture
  - AWS architecture
  - Interconnect architecture
  - Integrated architecture
- Phase 3- Interconnect from Datacenter to AWS GovCloud
  - Circuit order & provisioning
  - Routing VPC and network assignment
  - Virtual Interface
  - Circuit activation and testing
- Phase 4- Network build at Datacenter
  - Router & switching configuration on premises
  - Cabling on premises
  - Configure interfaces & trunks
  - Baseline configuration to AWS
- Phase 5- Network build at AWS GovCloud
  - AWS tunnels (routes, encryptions, etc)

# SERVICES PROPOSAL INFORMATION

- Routing
- Zones, subnets, route tables, NACLs, etc.
- Peer to peer links
- Phase 6- AWS Build Out
  - VPCs
  - Instances and Gold Images
  - Security
  - Load Balancing
  - Auto-scaling
  - Storage
  - Cloudwatch & CloudTrail configuration
- Phase 7- Training
  - Basics of AWS GovCloud
  - AWS Administration
  - Advanced AWS configurations
- Phase 8- Project Closeout
  - Document & Knowledge Transfer