

Creation of a Cloud Based Reporting and Analytics System



Executive Summary

Intralinks launched a strategic initiative to build a cloud based reporting and analytics solution on AWS to track and report application usage on their SaaS platform leveraging Amazon Redshift.

Goals

Deliver an Amazon cloud network and security infrastructure solution that meets current technology requirements yet automatically scales to meet real-time demand, increased performance and uptime availability of Datawarehouse solution on Amazon Redshift.

- Connect AWS multi-availability zones to the Intralinks platform
- Integrate east and west coast on premises data centers with Amazon cloud
- Fault tolerant data center connectivity to Amazon cloud using Amazon Direct Connect and Amazon VPN gateways (IPsec)
- Security guardrails to meet FinTech compliance regulations
- Deliver an enhanced managed engineering services support model to meet customer fulfillment and business SLA's

Challenges

The Intralinks Platform and Intralinks Oracle Database Systems must integrate with Amazon Redshift to achieve enhanced analytics, metrics and reporting required by business units.



Intralinks has been a leader in FinTech for more than 20 years.

As pioneers of the virtual data room, we focus on enabling and securing the flow of information and insight.

We innovate to enhance the value, speed and confidentiality of dealmaking, reporting and communications - driving success for our users. Our dedicated team empowers clients to leverage our technology with complete control and confidence.



Solutions and Outcomes

Network/Security Solution for AWS IaaS to On-Premises Interconnectivity

ITP delivered a solution design supporting multiple customer data centers and multiple Amazon availability zones, connecting PostgreSQL database using Amazon RDS, Redshift, Security Groups, NAT Gateways, VPC, Elastic Load Balancers to on-prem datacenters. This design provides seamless and secure network connectivity with high availability and fault tolerance performance. Additionally, ITP is Intralinks' long term partner providing managed engineering services that include, but not limited to, cloud advisory services, Proof Of Concept development, end-to-end IaaS design. Key accomplishments:

- Continuous Cloud, Amazon VPC and Landing Zone architecture and Advisory
- Amazon Redshift & RDS Advisory and Services for Intralinks Platform

Cloud Managed Engineering Services

The ITP Managed Engineering Services include white glove customer engagement, 24 x 7 support, enhanced network and engineering services for all on-prem to AWS interconnectivity, as well as continuous delivery of network and security standards, configurations and execution of changes ensuring FinTech industry

About us:

Intuitive Technology Partners, Inc. ("ITP") is an engineering firm headquartered in New Jersey with Centers of Excellence across the Americas, EMEA & APAC. We are a strategic solutions & professional services provider supporting global enterprise clients. We have been intimately involved in Public & Hybrid cloud transformation journeys. Additionally, we continue to invest in innovative Cloud & Security startups that provides tremendous value to our customers and partners addressing key business and technical challenges.



Core Solutions & Services:

- [Cloud Migrations to AWS](#)
- [DevOps & DevSecOps with AWS](#)
- [Migration to AWS Aurora/RDS Database](#)
- [Migration to AWS DynamoDB](#)
- [Containerization Management & Orchestration with AWS](#)
- [VMware Cloud on AWS](#)

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