



8 WEEKS

Data Lake Foundation on AWS Using Talend Big Data Platform via Cognizant Jumpstart

Deploy an enterprise-grade data lake in 8 weeks

Cognizant will provide deployment, integration and professional services for data ingestion and data management to ensure you derive meaningful value from your existing data – faster than ever. This AWS Quick Start deploys a data lake foundation that includes key technologies such as Amazon Simple Storage Service (Amazon S3), Amazon Redshift, Amazon EMR, Amazon QuickSight and Talend Big Data Platform.

Technical highlights

- Ingestion & Storage: Amazon S3 for raw and enriched data storage
- Data Warehousing: Amazon Redshift
- T-ELF: Metadata driven extract and load framework to ingest structured and semi-structured data into Hadoop, Amazon S3, Amazon Redshift and traditional RDBMS
- Data Processing: Perform data transformation and aggregation on RAW data using Talend by leveraging Amazon Web Service's EMR spark cluster.
- Data Integration: Talend big data platform for batch and real-time data integration
- Analytics/Visualization: Amazon QuickSight
- Jupiter: Data lake continuous testing solution

***The data lake Quick Start package configuration is based on this specific set of tools and data source attributes. If required changes Cognizant will consult with the customer to reconfigure the package and services to meet their requirements.*

What you get



Implementation of pilot use case (Customer 360° Intelligence, Business Operations Intelligence) from data ingestion to consumption



Cognizant's toolkit for rapid data lake development composed of ready-made Talend jobs, ingestion framework and validation solution



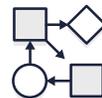
Data lake foundational architecture which includes Amazon S3, Amazon EMR and Amazon Redshift



Amazon QuickSight for self-service analytics



Unified Talend big data platform to consume and process big data loads



Roadmap for subsequent use-case implementations

aws  competency



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Talend is an AWS Advanced Consulting Partner
AWS Big Data Competency Partners

Customer Ready Solutions

Discover secure, scalable solutions that help you achieve your business needs through a combination of AWS services and APN Partners that have attained AWS Competency designations. Based on architectures validated by AWS to accelerate your cloud transformation, you can deploy solutions quickly with AWS Quick Starts and optional Jumpstart consulting offers provided by APN Partners. [Visit Data Lake Foundation on AWS using Talend.](#)

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