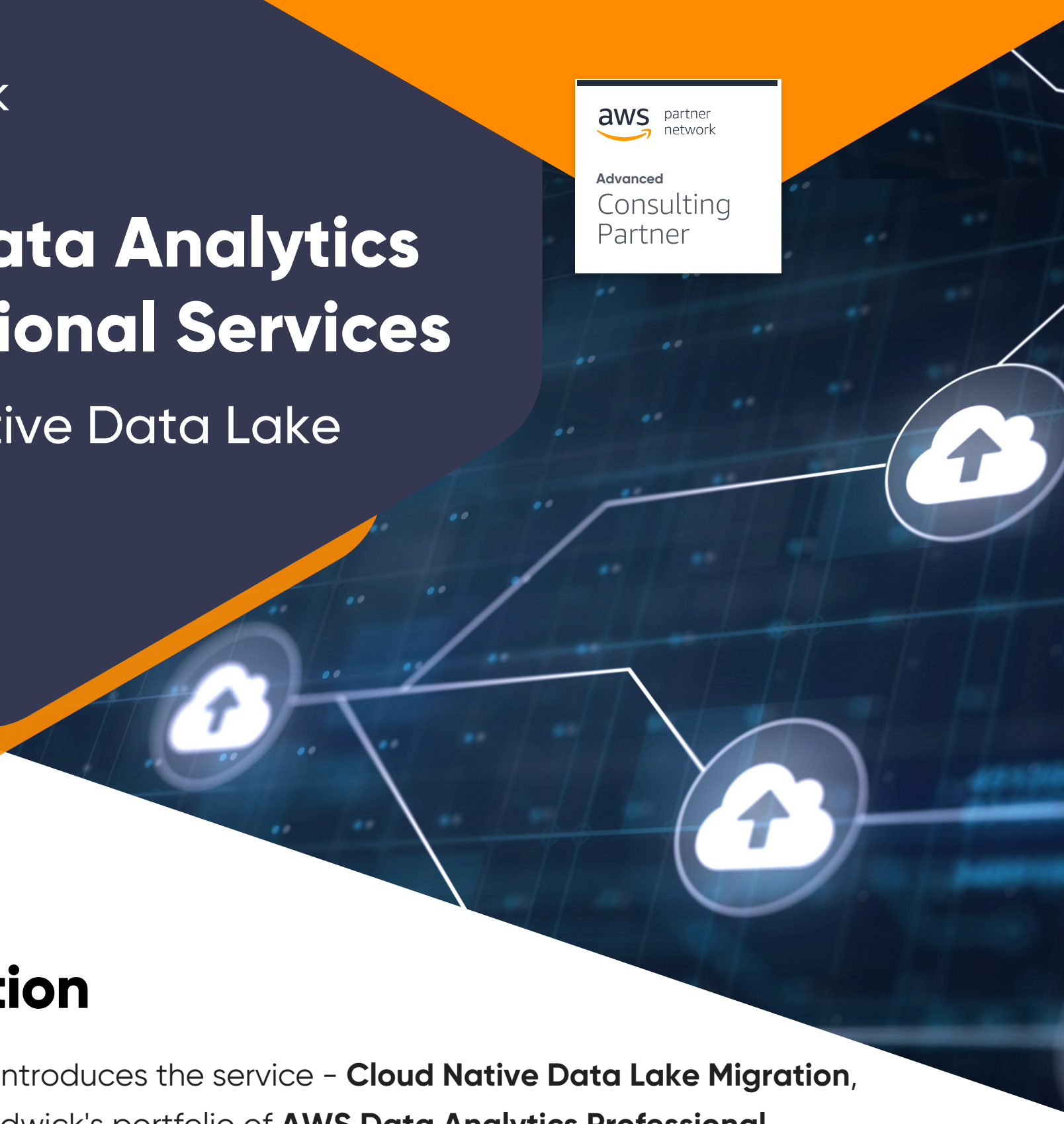
Cloudwick

AWS Data Analytics Professional Services

Cloud Native Data Lake Migration

aws partner network

Advanced Consulting Partner



Introduction

This Data Sheet introduces the service - **Cloud Native Data Lake Migration**, as a part of Cloudwick's portfolio of **AWS Data Analytics Professional Services.**

Cloudwick has positioned these services to enable customers to kick-start their data driven digital transformation journey with migration of their on-premise analytics workloads to the AWS cloud.

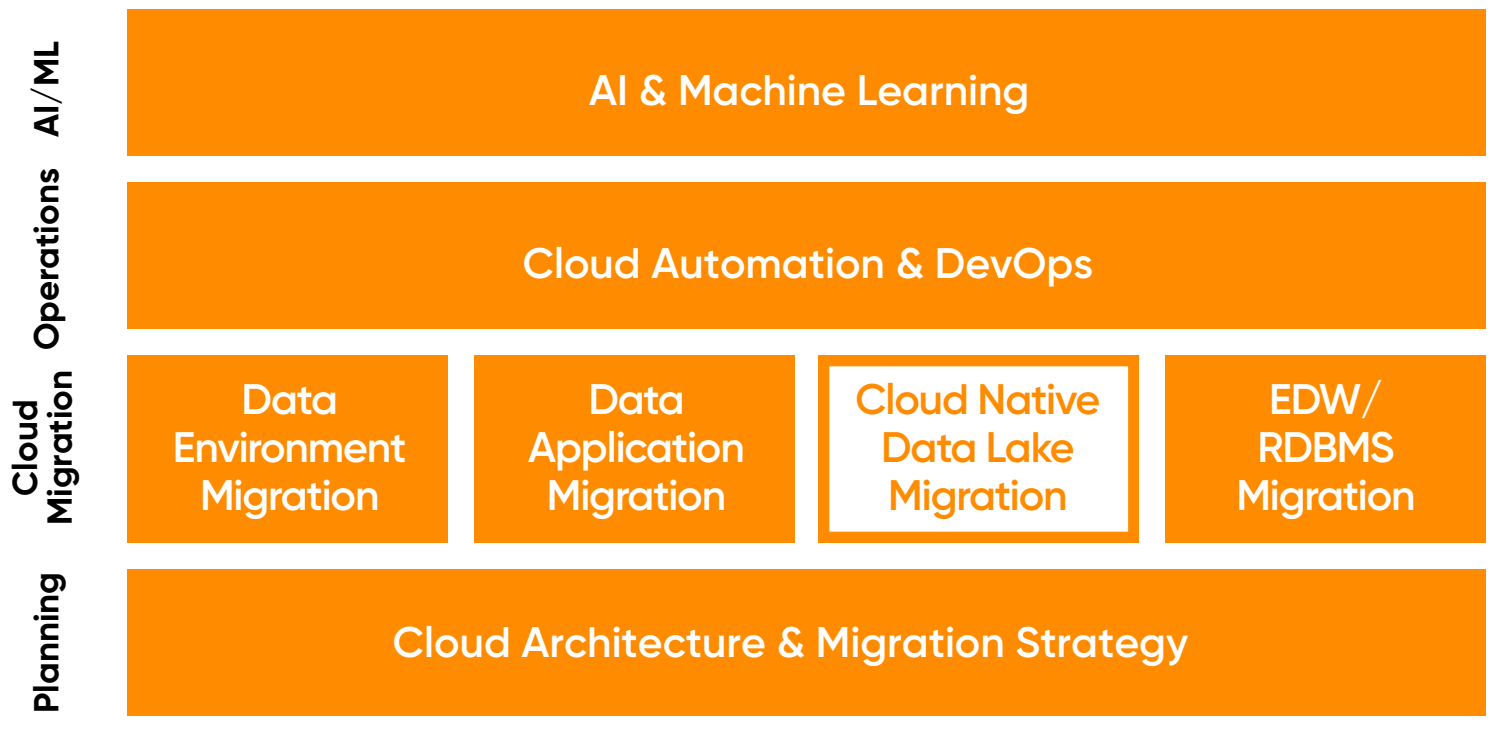


Figure: Cloudwick-AWS Data Analytics Professional Services

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Cloud Native Data Lake Migration

Objective:

Whether it's a new development or a migration of an existing data platform to Cloud, this engagement focuses on building Cloud Native Data Lake using serverless technologies. This helps in accelerating the customers' cloud data strategy based on business requirements. It also addresses current shortcomings, such as - siloed data, fragmented data ownership, no single source of truth, and lack of org-wide data visibility.

Deliverables:

1. Assessment Document
2. Run books
   - SOP
   - DR
3. Data application(s)/workload(s) migrated to AWS

Methodology:

The engagement starts with an architecture and design phase, during which we analyze the current state of the platform, create a target architecture, and decide upon a detailed migration plan with work estimates. Implementation is done in phases, and delivered in an Agile way.

- Decoupled storage and compute
- S3-Centric and Serverless-Centric Architecture
- Pipeline based approach – for data registration, ingestion, data validation, data quality, data conversion, and consumption
- Pluggable Architecture - Adjust for specific use cases and replace components to accommodate customer requirements
- IaC – Deployment automation

Customer Outcome:

- A solution that provides/is:
  - Centralized repository of both structured and unstructured data
  - A Single Source of truth for all datasets
  - Centralized security access and dataset compliance policies
  - Highly scalable, cost effective and secure
- Faster time to market

Engagement Consultants:

Solutions Architect – Cloud & Data
DevOps Engineers – Cloud & Data
Developers – Cloud & Data

Cost & Duration:

Cost: -
Duration: -

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