

# Hadoop Migration Assessment

\$30K | 3 weeks

CLOUDERA CDP

CLOUDERA HDP

MAPR (HPE)

HADOOP

## DISCOVERY

Understand the Current State environment and the desired future state outcomes.

## KEY ACTIVITIES

**Analysis:** Detailed analysis of the current Hadoop workload, including tech stack version compatibility, Cluster Segmentation types, Compute/Storage utilization, WLM, Jobs, Data placement strategy.

**Best Practices:** Expand the Customer knowledge of Amazon S3, EMR, Glue and other related AWS tools including best practices, architectural designs, migration patterns, and customer references.

**Recommendation:** Recommend a high-level cluster/data/metastore/orchestration migration architecture and plan to facilitate delivery: (Re-Host/ Re-Architect/ Re-Host followed by Re-Architect).

- **Strategic:** Future state in AWS
- **Tactical:** Intermittent hop to meet tight deadlines and buy time to modernize the workload to take advantage of cloud-native features

## OUTCOME

Joint-vision around cost savings, and migration strategy and future state

- Current System Report
- Service Mapping – Hadoop to AWS
- Target State Architecture – Vision
- Migration Approach, Tasks, Timeline
- Detailed Cost, Resource Plan