

Monitoring with Cloudera Observability

OEM: Cloudera • Duration: 1 Day (8 hrs) • Code: ADMIN-231

COURSE MODULES & TOPICS

Introduction

- What is Cloudera Observability
- Cloudera Observability Capabilities

Cloudera Observability Tech

- Cloudera Observability Online
- Cloudera Observability Air-Gapped
- Strategic Features
- Observability Essential Adoption
- Configuration Tasks for Cloudera on cloud

Deployment Architecture for Cloudera on premises

- Security Considerations
- System Requirements
- Network Port Requirements
- Configuring Telemetry Publisher
- Redacting Data
- Adding a Proxy Server
- Observability Installation

Managing Workloads and Users (Self-Service Analytics)

- Auto-Generating Workload Views
- Manually Generating Workload Views
- Managing User Access to Workloads
- Observability Access Roles
- Exercise: Creating Workload Views
- Exercise: Assigning Access Roles in Cloudera Observability

Working with Alerts, Costs, & Reports (Financial Governance)

- Analyzing Environment Costs with Cloudera Observability

- Triggering Action Alerts Across Jobs and Queries – Auto Actions
- Working with Cluster Reports
- Exercise: Configuring Cloudera Observability Cost Center Criteria
- Exercise: Creating a Cloudera Observability Cost Center
- Exercise: Displaying Costs Associated with a Cost Center
- Exercise: Creating an Auto Action Event

Understanding, Identifying, & Addressing Problems with Cloudera Observability (Service Health Monitoring)

- Analyzing Tables with Cloudera Observability Metastore Analytics
- Validations in Cloudera Observability
- Analyzing Hive Queries
- Exercise: Analyzing Hive Queries
- Exercise: Analyzing Impala Queries

Troubleshooting (Expedited Issue Resolution)

- Troubleshooting Abnormal Job Durations
- Troubleshooting Job Durations: Task Duration
- Troubleshooting Failed Jobs
- Troubleshooting with the Job Comparison Feature
- Exercise: Analyzing Spark Jobs
- Exercise: Analyzing MapReduce Jobs