

Cloudera DataFlow / NiFi & Kafka Operations (CDP Data Operator)

OEM: Cloudera • Duration: 3 Days (24 hrs) • Code: CDP-3003

COURSE MODULES & TOPICS

Domain 1: NiFi (48%)

- NiFi Concepts and Fundamentals
- Data Flows and Processors (processors, connections, data flows)
- ETL and Record Data (record-based components, read/write, enrichment)
- Optimize and Troubleshoot (monitoring, reporting, troubleshooting, flow optimization)
- Integration (site-to-site and integration capabilities)
- Security and Scalability

Domain 2: Kafka (30%)

- Kafka Concepts and Fundamentals
- Kafka APIs
- Kafka Cluster Setup and Configuration
- Security and Scalability
- Monitoring and Operations
- Kafka Ecosystem
- Best Practices and Troubleshooting

Domain 3: DataFlow (16%)

- Data Flow Fundamentals
- Data Flow Deployments (Flow Definitions)
- Data Flow Functions
- ReadyFlows and Catalog

Domain 4: MiNiFi (6%)

- MiNiFi Concepts and Fundamentals
- MiNiFi Installation and Configuration
- Managing MiNiFi