IBM Cognos Analytics
Architecture and Logging (v11.0)

Course ID #: 2700-207-11-W

Hours: 14

Course Content

Course Description:

This course is designed to teach participants how to identify components and sub-components of the IBM Cognos Analytics architecture and how to use tools and techniques to provide a foundation to troubleshoot issues. Through lecture and interactive exercises participants will identify IBM Cognos Analytics components, examine how these components interact with Java, and will explore logging to assist when troubleshooting issues.

Target Audience

Administrators responsible for administering the IBM Cognos Analytics 11.0 environment

Prerequisites:

Before taking this course, you should have:

- IBM Cognos Analytics: Administration (v11.0) course or equivalent experience administering the IBM Cognos Analytics environment.

Topics:

Introduction and Service-Oriented Architecture

- Identify IBM Cognos 11.0 architectural components
- Describe Service-Oriented Architecture in IBM Cognos Analytics

Explore the IBM Cognos Dispatcher

- Describe IBM Cognos Dispatcher
- Describe request routing and the routing process
- Describe Content Manager Cache Service

Examine IBM Cognos services

- Identify IBM Cognos services
- Explore the architecture in IBM Cognos 11.0

Examine Java memory management

- Describe Java memory layout
- Manage Java memory
- Use tools to monitor Java memory

Examine audit logging and Indication Processing Facility logging

- Describe installation logs and configuration logs
- Explore audit logging
- Explore IPF logging

Perform dye tracing

- Identify dye tracing requirements
- Perform dye tracing

Explore Dynamic Query Mode

- Explain Dynamic Query Mode (DQM) logging
- Explain IBM Cognos Dynamic Query Analyzer (DQA)

Explore component logging

- Explore component logging for Gateway, Dispatcher, Report Server, and Universal Data Access layer

Examine additional tools and special task logging

- Explore diagnostic tools and utilities for special task logging