

## **IBM Cognos Analytics: Architecture and Logging (v11.0)**

**Course#:B6019G**  
**Duration:2 Days**  
**Price:1800.00**

### **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.

Learning Journeys that reference this course:

IBM Cognos Analytics 11.x

### **Objectives**

Please refer to course overview.

### **Audience**

Administrators responsible for administering the IBM Cognos Analytics 11.0 environment

### **Prerequisites**

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

### **Content**

Architecture Overview

1: Introduction and Service-Oriented Architecture

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

## 2: Explore the IBM Cognos Dispatcher

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

## 3: Examine IBM Cognos services

Identify IBM Cognos services  
Explore the architecture in IBM Cognos 11.0

## 4: Examine Java memory management

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

## 5: Examine audit logging and Indication Processing Facility logging

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

## 6: Perform dye tracing

Identify dye tracing requirements

Perform dye tracing

## 7: Explore Dynamic Query Mode

Explain Dynamic Query Mode (DQM) logging

Explain IBM Cognos Dynamic Query Analyzer (DQA)

## 8: Explore component logging

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

## 9: Examine additional tools and special task logging

Explore diagnostic tools and utilities for special task logging