

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

Kód kurzu: B6019G

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.

## Pro koho je kurz určen

Administrators responsible for administering the IBM Cognos Analytics 11.0 environment

## Co Vás naučíme

Please refer to course overview.

## Požadované vstupní znalosti

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

## Osnova kurzu

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)

#### GOPAS Praha

Kodáňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved

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

## 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

**GOPAS Praha**  
Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)

 **GOPAS®**  
Copyright © 2020 GOPAS, a.s.,  
All rights reserved