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IBM Application Performance Management Advanced 8.1.3 Fundamentals Information

Length: 8.0 Hours
Ref: TM672G □
Delivery method: ClassroomInstructor Led
Online
Price: AUD

Overview

This course covers the key features of IBM Application Performance Management and IBM Application Diagnostics, including resource monitoring, deep-dive diagnosis, and transaction diagnosis. Exercises will be carried out for a WebSphere Application Server. An optional unit for the Node.js agent is available as an appendix. All other domains will be covered using slides.

Public

Application-monitoring specialists and technical sales personnel

Prerequisites

- Familiarity with application server monitoring
- Familiarity with the Performance Management Console
- Familiarity with the Tivoli Enterprise Portal
- Completion of IBM Monitoring 8.1.3 Implementation and Administration (TM673)

Objective

- Describe the IBM Application Performance Management Advanced architecture
- Learn to use the monitoring features of the four supported IBM Application Diagnostics agents
- Monitor resources, application code, both real and synthetic transactions, and users with the WebSphere agent

Topics

Monitoring with IBM Application Performance Management Advanced

- Lesson 1 Overview and architecture
- Lesson 2 Performance Management console
- Exercise 1 Starting DB2
- Exercise 2 Modifying the gdc_custom.properties file Exercise 3 Starting the DayTrader script

- Exercise 4 Accessing the Performance Management console

Monitoring application resources

- Lesson 1 Monitoring .NET resources
- Lesson 2 Monitoring Node.js resources
- Lesson 3 Monitoring Ruby resources
- Lesson 4 Monitoring WebSphere resources
- Exercise 1 Monitoring WebSphere resources
- Exercise 2 Monitoring the heap

Code-level monitoring

- Lesson 1 Code-level monitoring
- Lesson 2 Additional features of the WebSphere agent
- Exercise 1 Accessing code-level data for WebSphere
- Exercise 2 Generating more traffic

Transaction tracking

- Lesson 1 Components supporting transaction tracking
- Lesson 2 How topologies work
- Lesson 3 Using topologies
- Exercise 1 Exploring aggregate topologies
- Exercise 2 Exploring transaction instance topologies

Synthetic transaction and user monitoring

- Lesson 1 Monitoring synthetic transactions
- Lesson 2 Monitoring users
- Exercise 1 Configuring a synthetic transaction
- Exercise 2 Creating a synthetic application
- Exercise 3 Viewing synthetic transactions