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Application Performance Management 10.x Foundations Monitoring Performance 200

Course Code: 20APF20891

Course Description

In this course, you will learn how to use Application Performance Management (APM) to manage the performance and availability of business-critical applications, transactions, and services. This helps you reduce downtime, improve end-user experience, and ultimately capitalize on business objectives.

Delivery Method

Instructor-Led

Duration

Three Days

Course Objectives

This course will show you how to:

- Describe the architecture components and features of Application Performance Management (APM)

- Describe and navigate the views in the APM Enterprise Team Center and WebView user interfaces

- Identify and prioritize performance problems by analyzing individual user business transactions in real time, enabling rapid problem dispatch and resolution

- Create alerts and actions to allow you to react to problems in your environment

- Create dashboards to present the information most meaningful to your organization in an easy-to-access format

Hands-On

This course includes practical hands-on exercises that enable you to test your new skills and begin to use those skills in a working environment.

Prerequisites

- General familiarity with Java application servers

Additional Courses Available

- Application Performance Management 10.x Foundations for the Administrator 200

For further information, please contact your regional education team:

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COURSE OUTLINE

Module 1: Application Performance Management Overview

- Identify the features and benefits of the APM solution
- Describe the components of the APM architecture
- Identify the key integrations and add-ons for extending application performance

Module 2: APM Metrics

- Identify the basic application performance metrics
- Identify the resource metrics
- Identify the infrastructure metrics

Module 3: Understanding Team Center

- Describe Team Center views and navigation
- Describe access to universes in Enterprise Team Center
- Explore Experience View
- Use Team Center to Triage a problem
- Manage Map and Dashboard views

Module 4: Analyze Application Performance in WebView

- Monitor application performance on the Home tab
- Analyze metrics in the Investigator
- Trace the cause of an event with the Transaction Tracer
- Query historical events in the Historical Event Viewer
- Determine root cause of errors and stalls in the Live Error Viewer
- Use Blame Technology to trace performance problems

Module 5: Browser Agent

- Identify the features and components of the Browser Agent
- Describe the metrics collected by the Browser Agent
- Explore Browser Agent data

Module 6: Organize Monitoring Configuration Using Management Modules

- Identify the elements of a management module
- Create a management module

Module 7: Create Metric Groupings

- Identify the features of metric groupings
- Create a metric grouping

Module 8: Create Actions and Alerts

- Create simple alerts
- Configure alerts for the Application Triage Map
- Create summary alerts
- Create actions
- Create Alert Downtime Schedules

Module 9: Dashboards

- Identify the features of dashboards
- Create a dashboard

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