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Learning Style: Virtual Classroom

Provider: Cisco

Difficulty: Intermediate

Course Duration: 2 Days

AppDynamics (APPDYN)

About this course:

This course covers a comprehensive topic list covering the keys aspects of AppDynamics deployment and use. You will discover faster, more efficient monitoring with an enterprise Application Performance Management (APM) solution that learns your apps. By understanding end-user monitoring, you can create

superior experiences by monitoring where customers are connecting with your business the most. The topic of Infrastructure visibility allows you to monitor the servers and databases criticial to supporting application performance. By the end of the course, you will be able to successfully deploy and use AppDynamics.

Course Objective:

- AppDynamics concepts and use
- Monitor Application
- Analyze End-User Monitoring
- Use Server Monitoring
- Understand Application Analytics

Audience:

- Individuals interested in application performance

Prerequisite:

- Familiarity with applications in the enterprise.

Course Outline:

Module 1. AppDynamics Essentials

Getting Started
AppDynamics Concepts
Using the Controller UI
Metrics and Graphs
Monitor Infrastructure
Custom Dashboards and Reports

Module 2. Application Monitoring

Model the Application Environment
Business Applications
Business Transactions
APM for Python, Java and .NET Applications
APM for PHP and Node.js Applications
APM for Apache Web Servers

Module 3. End-User Monitoring

Browser Real User Monitoring
Browser Synthetic Monitoring
Mobile Real User Monitoring

Module 4. Server Monitoring

Enable Server Monitoring
Monitor Your Servers Using Server Monitoring
Configure Server Monitoring
Configure Machine Health Rules, Policies, and Alerts

Module 5. Application Analytics

Deployment Options and Scenarios
Installing Agent-Side Components
Remote Analytics Agent Sizing
Configuring Application Analytics

Labs

Lab 1: Introduction AppDynamics GUI
Lab 2: Monitoring and Modeling Application
Lab 3: End-User Monitoring
Lab 4: Server Monitoring
Lab 5: Application Analytics

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