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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 critical 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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