

AppDynamics Course

Course Summary

Description

This online IT training course provides a real-time business and application performance management platform, built to ensure that enterprise apps always meet customer and employee needs, deliver business value, and create loyalty. This course covers a comprehensive topic list covering the key aspects of AppDynamics deployment and use.

Objectives

Upon completion of this course, the learner will be able to meet these overall objectives:

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

Topics

- AppDynamics Essentials
- Application Monitoring
- End-User Monitoring
- Server Monitoring
- Application Analytics

Audience

The primary audience for this course is as follows:

- System Engineers
- System Administrators
- Architects
- Channel Partners

Prerequisites

The knowledge and skills that the learner should have before attending this course is Familiarity with Applications in the Enterprise.

Duration

Two Days

AppDynamics Course

Course Outline

- I. *AppDynamics Essentials*
 - A. Getting Started
 - B. AppDynamics Concepts
 - C. Using the Controller UI
 - D. Metrics and Graphs
 - E. Monitor Infrastructure
 - F. Custom Dashboards and Reports

- II. *Application Monitoring*
 - A. Model the Application Environment
 - B. Business Applications
 - C. Business Transactions
 - D. APM for Python, Java, & .NET Applications
 - E. APM for PHP & Node.js Applications
 - F. APM for Apache Web Servers

- III. *End-User Monitoring*
 - A. Browser Real User Monitoring
 - B. Browser Synthetic Monitoring
 - C. Mobile Real User Monitoring

- IV. *Server Monitoring*
 - A. Enable Server Monitoring
 - B. Monitor Your Servers using Server Monitoring
 - C. Configure Server Monitoring
 - D. Configure Machine Health Rules, Policies, and Alerts

- V. *Application Analytics*
 - A. Deployment Options and Scenarios
 - B. Installing Agent-Side Components
 - C. Remote Analytics Agent Sizing
 - D. Configuring Application Analytics

- VI. *AppDynamics Lab Outline*
 - A. Introduction AppDynamics GUI
 - B. Monitoring and Modeling Application
 - C. End-User Monitoring
 - D. Monitoring
 - E. Application Analytics