

APPDYN: AppDynamics



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Prerequisites

It is recommended that students have the following knowledge and skills prior to attending this course:

- Familiarity with Applications in the Enterprise

Course Objectives

Upon successful completion of this course, students should be able to meet these overall objectives:

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

Course Outline

Module 1: AppDynamics Essentials

- Lesson 1: Getting Started
- Lesson 2: AppDynamics Concepts
- Lesson 3: Using the Controller UI
- Lesson 4: Metrics and Graphs
- Lesson 5: Monitor Infrastructure
- Lesson 6: Custom Dashboards and Reports

Module 2: Application Monitoring

- Lesson 1: Model the Application Environment
- Lesson 2: Business Applications
- Lesson 3: Business Transactions
- Lesson 4: APM for Python, Java, & .NET Applications
- Lesson 5: APM for PHP & Node.js Applications
- Lesson 6: APM for Apache Web Servers

Module 3: End-User Monitoring

- Lesson 1: Browser Real User Monitoring

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APPDYN: AppDynamics

- Lesson 2: Browser Synthetic Monitoring
- Lesson 3: Mobile Real User Monitoring

Module 4: Server Monitoring

- Lesson 1: Enable Server Monitoring
- Lesson 2: Monitor Your Servers using Server Monitoring
- Lesson 3: Configure Server Monitoring
- Lesson 4: Configure Machine Health Rules, Policies, and Alerts

Module 5: Application Analytics

- Lesson 1: Deployment Options and Scenarios
- Lesson 2: Installing Agent-Side Components
- Lesson 3: Remote Analytics Agent Sizing
- Lesson 4: Configuring Application Analytics

Lab Outline

- 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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