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AppDynamics Fundamentals
Course ID: APPD170718

Course Time:
3 Days

Course Description

AppDynamics Fundamentals is a hands-on, lab-based course that teaches system administrators how to install, configure, and manage AppDynamics Platform instances. AppDynamics develops application performance management (APM) solutions managing the performance and availability of applications across cloud computing environments as well as inside the data center for varied applications. Participants will learn how to install and configure the AppDynamics controller and monitor applications through hands-on labs.

Who Should Attend

+ System administrators
+ Developers
+ Cloud Architects

Prerequisites

+ Basic understanding of Cloud
+ Basic understanding of Linux commands

Course Content (continued on next page)

Module 1: Introduction
+ Introduction to APM
+ AppD Overview
+ Understanding Application-Tier-Node Flow

Module 2: AppD Architecture and Its Components
+ AppD Architecture
+ Controller
+ Application Agent
+ Machine Agent
+ Event Service
+ DB Agent
+ EUM

Module 3: AppD Deployment Models
+ SaaS
+ On-Premise
+ Enterprise Console
+ System Account
+ Customer account and Multi-tenancy

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Course Content

Module 4: Analyzing an application
+ Application Architecture Overview
+ Flow Maps
+ Business Transactions
+ Transaction Snapshots

Module 5: End User Monitoring
+ Browser RUM
+ Synthetic RUM
+ Mobile RUM

Module 6: Baselines, Metrics, Service Endpoints, Information Points and Data Collectors
+ Baselines
+ Metrics
+ Service End Points
+ Information Points
+ Data Collectors

Module 7: Health Rules and Events
+ Health Rules Overview
+ Events Overview
+ Event Details - Health Rule Violation
+ Understanding Events and Errors in AppDynamics

Module 8: AppD Custom Dashboard & Reports
+ Custom Dashboard Overview
+ Custom Templates
+ Reports Overview
+ On-Demand Reports
+ Scheduled Reports

Lab 1: AppDynamics On-Premises Trial License Account Signup & Enterprise Console Installation
Lab 2: Install Controller using CLI
Lab 3: Install Event Service using CLI
Lab 4: Install and Configure EUM Server using CLI
Lab 5: Install Java Application Agent
Lab 6: Install Machine Agent
Lab 7: Install Database Agent
Lab 8: Install the BrowserRUM Agent
Lab 9: Create Information Points
Lab 10: Create Health Rule
Lab 11: Create Custom Dashboard
Lab 12: Run Reports

To register for an ePlus cloud training course, contact us today.

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