

Application Performance Management 10.x Foundations for the Administrator 200

Course Summary

Description

The APM 10.x Foundations for Administrators 200 course teaches students the essential skills and knowledge to successfully administer APM. This course will introduce you to various features that enable you to work efficiently, and implement the powerful capabilities of the product, such as using calculators to generate new metrics from available metrics, customizing which metrics are reported by agents, utilizing the Enterprise Team Center, and using ProbeBuilder Directive (PBD) files for greater visibility into custom non-standard Java and J2EE components

Objectives

At the end of this course, students will be able to:

- Manage and configure the Java agents that monitor your applications using AM Command Center and various configuration files
- Optimize and extend the operation of your metric collection by using URL groups, calculators, and custom ProbeBuilder directives
- Integrate your applications by employing Infrastructure Agents (APMIA)
- Create single console views of your enterprise using APM Team Center regardless the number of Enterprise Managers you have in place

Topics

- APM Administrator Topics
- APM Command Center
- Create Calculators
- Modify Java Agent Configuration Files
- URL Groups
- Create PBD's
- Deploy APM Infrastructure Agents
- APM Team Center Administrator

Prerequisites

Students should have general familiarity with Java application servers.

Duration

Two days

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Course Outline

- I. *APM Administrator Topics*
 - A. Describe Calculators
 - B. Describe Java Agent Properties
 - C. Describe URL Groups
 - D. Describe ProbeBuilder Directives
 - E. Describe Infrastructure Agents
 - F. Describe APM Command Center
 - G. Describe APM Team Center
 - H. Describe APM Lab Environment

- II. *APM Command Center*
 - A. Describe Acc Architecture
 - B. Manage Agents
 - C. Manage ACC Agent Packages
 - D. Describe the ACC REST API

- III. *Create Calculators*
 - A. Create a Management Module calculator
 - B. Create a JavaScript calculator
 - C. Create a Virtual Agent calculator

- IV. *Modify Java Agent Configuration*
 - A. Explore the out-of-the-box agent configuration files
 - B. Activate and deactivate the default metrics

- V. *URL Groups*
 - A. Describe URL Groups
 - B. Create URL Groups

- VI. *Create PBD's*
 - A. Create a basic PBD
 - B. Implement advanced PBD capabilities

- VII. *Deploy APM Infrastructure Agents*
 - A. Describe the Infrastructure Agent
 - B. Build and deploy an Infrastructure Agent package
 - C. View Infrastructure Agent metrics

- VIII. *APM Team Center Administration*
 - A. Configure Enterprise Team Center in APM
 - B. Manage Team Center Universes
 - C. Manage Custom Attribute and Attribute Rules