CA Performance Management 3.5 Self Certification 300

Course Code: 20PFM30051

Course Description

IT interruptions often cause business delays that can be detrimental to your productivity, quality of service, and bottom line. CA Performance Management is designed to help you manage the performance and availability of your service delivery infrastructure more efficiently—whether physical, virtual, or cloud based.

The out-of-the-box (OOTB) Data Aggregator (DA) in CA Performance Management supports common vendor devices using certifications. Certifications specify how to collect configuration and performance metrics for a device. However, you might need to collect data when the DA does not provide an OOTB certification for your network devices, or you may wish to collect data for an entirely new set of metrics. Through hands-on lab exercises, you will use self-certification to create the custom objects needed to meet monitoring requirements not met by the OOTB certifications and metrics.

Delivery Method

Instructor-Led

Duration

One Day

Course Objectives

By the completion of this course, you will be able to:

- Extend an OOTB metric family and OOTB vendor certification to enable the DA to collect data for additional metrics
- Create a custom vendor certification to enable the DA to collect and map data to metrics for an existing metric family that has no supported vendor certification for a given device
- Create a custom component and metric family to enable the DA to collect data for a new technology not supported OOTB
- Create a custom CA Performance Center dashboard to enable you to easily view performance data for new metrics
- Implement advanced vendor certification customizations by adding filtering and by using multiple MIB tables

Hands-On

This course includes practical hands-on exercises that enable you to test your new skills and begin to use those skills in a working environment.

Prerequisites

- CA Performance Management 3.5: Foundations 200 Course Code: 20PFM20091
- OnDemand CA Performance Management 3.5: Foundations 200 Course Code: 20PFM20120
- Basic XML knowledge

Additional Courses Available

- CA Performance Management 3.5: Multi-Tenancy 300 Course Code: 20PFM30041

Course Outline

Module 1: Describe Self-Certification

- Identify self-certification key concepts
- Determine the need for self-certification

Module 2: Examine the Self-Certification Process

- Describe the types of self-certification
- Identify the self-certification Web Services documentation resources
- Describe the HTTP methods used in self-certification

Module 3: Extend OOTB Metric Families and Vendor Certifications

- Identify extension key concepts
- Create metric family extensions
- Create vendor certification extensions
- Validate extensions

Module 4: Create Custom Vendor Certifications

- Identify custom vendor certification key concepts
- Examine the fundamentals of XML
- Create, validate and edit custom vendor certifications

Module 5: Create Custom Components and Custom Metric Families

- Identify custom component and custom metric family key concepts
- Create custom components
- Create custom metric families
- Create custom vendor certifications for new metric families
- Validate custom components, metric families and vendor certifications

Module 6: Examine Advanced Self-Certification Topics

- Implement vendor certification filtering
- Create multiple-MIB-table vendor certifications
- Describe additional advanced self-certification topics