

Unified Infrastructure Management 8.5.x Systems Administration Foundations 200

Course Code: 20NMS20351

Course Description

The *Unified Infrastructure Management 8.5.x Systems Administration Foundations 200* course will take a look at the new CA Business Intelligence out-of-the-box reports. You will gain insights about monitored data and customize information appropriate to your role or business context using the Unified Management Portal (UMP), including the new CA Business Intelligence dashboards. The course will show you how to plan a scalable management of the IT infrastructure of your business.

Delivery Method

Instructor-Led

Duration

Four Days

Course Objectives

- Set up the basic parameters of the Nimsoft Alarm Server (NAS) quickly to view and manage alarms, and learn how to incorporate the new Event Management Service (EMS) into your environment.
- Extend the monitoring capabilities of CA UIM through the configuration of probes using the new Monitoring Configuration Service, IM and AC.
- Leverage probe package functionality to preconfigure monitored metrics sets and deploy these standardized sets rapidly and effectively to the managed infrastructure
- Apply the advanced capabilities of the NAS Auto-Operator (AO) to perform complex alarm handling, thereby reducing or eliminating manual intervention.
- Translate underlying Quality of Service (QoS) metrics into their actual business values for your organization

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

- A good understanding of network infrastructure management

Additional Courses Available

- Unified Infrastructure Management 8.5.x Advanced Presentation and Reporting 300

For further information, please contact your regional education team:

Americas.Education@Broadcom.com | APJ.Education@Broadcom.com | EMEA.Education@Broadcom.com

COURSE OUTLINE

Module 1: UIM Architecture and Monitoring Governance

- Identify the key components of UIM
- Apply monitoring governance to fulfill your monitoring requirements

Module 2: Create USM Groups

- Create USM Groups
- Deploy a robot and configure monitoring
- Identify the types of data to monitor

Module 3: Discovery and Robot Deployment

- Perform network discovery
- Deploy robots

Module 4: Examine Monitored Data

- View monitored data
- Examine monitored data in CA Business Intelligence Dashboards

Module 5: Basic Alarm Notifications

- Configure the emailgtw probe
- Activate AO Logging
- Validate auto-acknowledgment
- Build an AO profile to send emails on alarms
- Define maintenance schedules

Module 6: Advanced Monitoring Administration

- Configure monitoring with MCS
- Configure MCS application discovery
- Deploy probes
- Configure probes using IM and AC
- Identify benefits of probe packages and superpackages
- Define and configure probe packages and superpackages

Module 7: Perform Advance Robot Configurations

- Plan hub-to-hub communications
- Implement hub-to-hub communications

Module 8: Perform Advanced Alarm Activities

- Build an AO profile
- Enhance alarm messages using the alarm_enrichment probe
- Perform advanced alarm processing
- Incorporate Event Management Service (EMS)

Module 9: Perform SLM Tasks

- Describe
 - Service Level Management(SLM)
 - Service Level Agreement (SLA)
 - Service Level Objectives (SLOs)
 - QoS constraints
- Define SLAs, SLOs and QoS constraints

Module 10: Configure Reporting Capabilities using PRD, List Views, and Custom Dashboards

- Design charts with the Performance Reports Designer (PRD)
- Design reports using List Designer
- Design custom dashboards using the Dashboard Designer

Module 11: Configure the UMP and Portal Views

- Differentiate between users, accounts, and account contacts
- Create a site
- Build a portal view

Module 12: Perform Advanced Probe Configurations and Troubleshooting

- Perform advanced probe configurations
 - Troubleshoot CA UIM
 - Merge Data
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