

CA Unified Infrastructure Management

V8.5.x

System Administration Foundations 200



Course Overview

Your IT mix represents an increasingly unrelated blend of cloud-based services, dynamic virtualized environments, and legacy on-premise applications. While ensuring optimal performance of all these services is vital, it is growing increasingly complex, costly, and time consuming to monitor and control the performance of these distributed environments. With CA UIM, you get a simple yet powerful way to track all the services your business cares about, no matter where they reside.

CA UIM delivers the essential capabilities you need to proactively monitor and manage alarms, performance, and Service Level Agreements (SLAs) across even the most dynamic and complex deployments. Instead of having to deploy multiple point solutions, you can leverage CA UIM and get a single platform to manage your IT infrastructure and services—whether they are on premise or in the cloud.

PRODUCT RELEASE

CA Unified Infrastructure Management V8.5.x

Includes:

CA UIM V8.5.0

CA UIM V8.4.7

COURSE TYPE, LENGTH & CODE

- OnDemand (WBT)
- Self-Paced – 12 hours
- Course Code: 20NMS20350

PREREQUISITES

- A good understanding of network infrastructure management

WHO SHOULD ATTEND

- System Administrator
- Application Developer
- Business Analyst
- Implementation Consultant

What You Will Learn

- Plan a scalable management of the IT infrastructure of your business
- 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.
- 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
- Scale the CA UIM architecture to meet your business needs by deploying multiple hubs
- 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.

For Managers

Your organization leverages cloud models because you want to pay for what you use and stop having to support an under-provisioned infrastructure. To support these dynamic infrastructures and services, your network monitoring team needs monitoring capabilities that are aligned with these new realities.

RECOMMENDED NEXT COURSES

- CA Unified Infrastructure Management v8.5.x: OnDemand Advanced Presentation 300
- Course Code: 20NMS30120
- CA Unified Infrastructure Management V8.5.x OnDemand Advanced Reporting 300
- Course Code: 20NMS30130

Course Agenda

Module 1 – CA UIM Architecture & Monitoring Governance	Module 2 – Create USM Groups
<ul style="list-style-type: none"> ▪ Identify the key components of CA UIM ▪ Apply monitoring governance to fulfill your monitoring requirements 	<ul style="list-style-type: none"> ▪ Create USM Groups ▪ Deploy a robot and configure monitoring ▪ Identify the types of data to monitor
Module 3 – Discovery & Robot Deployment	Module 4 – Examine Monitored Data
<ul style="list-style-type: none"> ▪ Perform network discovery ▪ Deploy robots 	<ul style="list-style-type: none"> ▪ View Monitored Data ▪ Examine Monitored Data in CA Business Intelligence Dashboards
Module 5 – Basic Alarm Notifications	Module 6 – Advanced Monitoring Administration
<ul style="list-style-type: none"> ▪ Configure the emailgtw probe ▪ Activate AO logging ▪ Validate auto-acknowledgment ▪ Build an AO profile to send emails on alarms ▪ Define maintenance schedules 	<ul style="list-style-type: none"> ▪ Configure monitoring with MCS ▪ Configure MCS application discovery ▪ Deploy probes ▪ Configure probes using IM & AC ▪ Identify benefits of probe packages and superpackages ▪ Define and configure probe packages and superpackages.



Visit www.ca.com/education to explore the many course offerings, training options, and education solutions available to meet your skill development needs, budget, and travel requirements.

Module 7 – Perform Advanced 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 (SLAs), Service Level Objectives (SLOs), and 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 the 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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