

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

Course Summary

Description

The Unified Infrastructure Management 8.5.x Advanced Presentation and Reporting 300 course provides a deep dive into the visualization technology delivered in the UIM Unified Management Portal (UMP) and Unified Reporter (UR). Students will learn about the various options for displaying data from CA UIM, discuss strategies for designing high-quality, engaging dashboards and views, and implementing best practices for building scalable user experiences.

Objectives

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

- Understand the primary components of the Plan a scalable management of the Unified Management Portal (UMP) and how they are used to monitor your IT infrastructure.
- Establish administrator and end-user portal views
- Define list views and performance reports.
- Create custom dashboards.
- Manage Liferay site pages and site members
- Customize the UMP look and feel
- Configure Unified Reporter (UR) and the iReport Designer
- Build custom reports
- Deploy reports to the UR repository
- Schedule UR reports
- Troubleshoot UR reports

Topics

- UMP Overview and Review
- Portal Views
- Unified Services Manager
- List Views and Performance Reports
- Custom Dashboards
- Liferay Administration
- Customize the User Experience
- Skin UMP with CSS and Use Virtual Hosts
- Perform SLM Tasks
- Configure Reporting Capabilities using PRD, List Views, and Custom Dashboards
- Explore the NimsoftSLM Database
- Build a Custom Report
- Deploy a Report to the UR Repository
- Make Reports Account-Aware
- Explore Ad Hoc Views
- Schedule Unified Reports
- Explore UR Repository Permissions
- Explore Advanced Reporting Topics

Audience

This course is intended for those who implement and build user experiences.

Prerequisites

Students should have completed UIM Systems Administration Foundations before taking this course.

Duration

Three days

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Course Outline

- I. *UMP Overview and Review*
 - A. Identify and control UMP Components
 - B. Identify common UMP portlet capabilities
 - C. Identify UMP best practices
 - D. Manage UMP sites and users
- II. *Portal Views*
 - A. Define portal views
 - B. Identify required Unified Dashboard updates
 - C. Identify portal view best practices
- III. *Unified Services Manager*
Identify the available USM views
- IV. *List Views and Performance Reports*
 - A. Design a List View
 - B. Design a Performance Report
- V. *Custom Dashboards*
Design a Custom Dashboard
- VI. *Liferay Administration*
Create a customer portal view
- VII. *Customize the User Experience*
 - A. Build administrator views
 - B. Use site templates
 - C. Build end-user portal views
 - D. Disable public and private pages for non-power users
 - E. Change default associations
- VIII. *Skin UMP with CSS and Use Virtual Hosts*
 - A. Skin a site with CSS
 - B. Associate a site with a private virtual host
- IX. *Perform SLM Tasks*
 - A. Describe Service Level Management (SLM)
 - B. Describe Service Level Agreement (SLA)
 - C. Describe Service Level Objectives (SLOs)
 - D. QoS constraints
 - E. Define SLAs, SLOs, and QoS constraints
- X. *Configure Reporting Capabilities using PRD, List views, and Custom Dashboards*
 - A. Design charts with the Performance Reports Designer (PRD)
 - B. Design reports using List Designer
 - C. Design custom dashboards using the Dashboard Designer
- XI. *Explore the NimsoftSLM*
 - A. Identify the main UIM SLM data tables
 - B. Identify the default UIM SLM data retention
 - C. Describe the QoS views script
 - D. Describe the UMP SLM portlet
 - E. Query the UIM SLM database
- XII. *Build a Custom Report*
 - A. Build a custom report
 - B. Add a chart to a report
- XIII. *Deploy a Report to the UR Repository*
 - A. Deploy a report to the UR Repository
 - B. Run a report from iReport
 - C. Run a report from UR
- XIV. *Make Reports Account-Aware*
 - A. Create an account-aware report for an administrator
 - B. Create an account-aware report for a customer
- XV. *Explore Ad Hoc Views*
Export data using an ad hoc view
- XVI. *Schedule Unified Reports*
 - A. Configure UR email notifications
 - B. Schedule Unified Reports
- XVII. *Explore UR Repository Permissions*
Set repository permissions
- XVIII. *Explore Advanced Reporting Topics*
 - A. Set report date ranges
 - B. Set report element styles
 - C. Add sub reports
 - D. Troubleshoot report issues