BROADCOM SOFTWARE

Course Description

Unified Infrastructure Management Advance Presentation and Reporting 300

Course Code: 20UIM30010

Course Description

This course provides a deep dive into the visualization technology delivered in the DX Unified Infrastructure Management (DX UIM) Operator Console. Students will learn about the various options for displaying monitoring data from DX UIM, discuss strategies for designing high-quality, engaging dashboards and views, and implementing best practices for building scalable user experiences. Course is 50% lecture and 50% hands-on exercises. Companion labs will enhance understanding of each topic

Delivery Method

Instructor-Led

Duration

Three Days

Course Objectives

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

- Understand Operator Console and Admin Console and how to navigate the various views.
- Learn about the types of groups and how to manage them.
- Understand the Inventory View and navigate to view Alarms, Dashboards, and Maintenance Schedules.
- Import and Discover devices.
- Learn more about Metrics Viewer
- Understand about SLM and SLA.
- Generate dashboards and reports using CA Business Intelligence reports and Dashboard Designer
- Build custom and adhoc reports using CABI and also schedule the reports.
- Learn about white labelling in OC
- Explore UIM database with schema details for integration
- Know more about ACL

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

- DX Unified Infrastructure Management 20.3.x Systems Foundations 200

Certification

250-559: Unified Infrastructure Management Proven Implementation Manager

Course Outline

Module 1: Explore the Operator Console and Admin Console

- Understand the Operator Console
- Install Operator Console
- Use Operator Console to configure and view monitoring data
- Understand the Admin Console

Module 2: Groups and Inventory View

- Understand about Groups
- Types of Groups in OC
- Add Modify and delete groups
- Details, Alarms, Dashboard, Schedules and Metric view for Groups and devices
- Understand about Inventory View
- Navigate the Inventory View
- View Alarms, Dashboards and Maintenance Schedules for devices
- Import and Discover devices
- Deploy robots

Module 3: Metric Viewer

- Define and save a metric viewer
- Edit and export views
- Define custom time range
- Manage Views

Module 4: Service Level Management (SLM)

- Create a new Service Level Agreement (SLA)
- Send SQL queries to UIM database
- Manage SLM data
- View and export quality of Service (QoS) data
- Work with SLA Reports

Module 5: Custom Dashboards using Dashboard Designer and CABI

- Create custom dashboards using Dashboard Designer
- Create custom dashboards using CABI

Module 6: Account Management

- Understand the types of users in DX UIM
- Create, copy, edit or delete Access Control Lists (ACL's)
- Link LDAP Group
- Manage bus users
- Manage accounts and account contact users

Module 7: White Labelling

- Update a logo and company name
- Update product name
- Update footer message
- Update Note on the Login Screen

Module 8: CABI View

- Get an overview of CABI for UIM
- Understand CABI for UIM Deployment modes
- Understand CABI for UIM Deployment Setup
- Understand the bundled CABI process
- Understand the external CABI process
- Review different predefined CABI dashboards and reports
- Access the predefine CABI dashboards and reports in OC

Module 9: Explore the UIM Database

- Understand DX UIM database architecture
- Identify the main DX UIM data tables
- Identify the default DX UIM data retention
- Describe the QoS views script
- Query the DX UIM database

Module 10: Build Custom / Ad hoc reports using CABI

- Design the report view
- Save the reports view as a custom/ad hoc report
- Access the saved reports
- Run the saved reports
- Schedule the saved reports

Module 11: Make Reports and Dashboards Account Aware

- Make CABI reports account aware
- Make CABI dashboards account aware

Module 12: Reports Scheduler

- How to use reports scheduler to schedule reports
- Create a job
- View the report scheduler table
- Manage jobs
- Configure storage location on a server
- Configure email server setting

Copyright © 2021 Broadcom. All Rights Reserved. The term “Broadcom” refers to Broadcom Inc. and/or its subsidiaries. For more information, go to www.broadcom.com. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

Broadcom reserves the right to make changes without further notice to any products or data herein to improve reliability, function, or design. Information furnished by Broadcom is believed to be accurate and reliable. However, Broadcom does not assume any liability arising out of the application or use of this information, nor the application or use of any product or circuit described herein, neither does it convey any license under its patent rights nor the rights of others.