

DX NetOps Performance Management 21.2: Foundations 200

Course Code: 20NPS20016

Course Description

The *DX NetOps Performance Management 21.2: Foundations 200* course covers the features and functionalities of DX NetOps that will enable you to perform your administration responsibilities effectively. It shows how to organize and configure your devices to retrieve the monitored data and then informs you about how to gain insights about monitored data and customize information appropriate to your role or business context using the Admin Console and User Console. In this course, you will also learn how to perform advanced monitoring configuration and create OOTB and customized reports using Dashboard Designer and CABL.

Delivery Method

Instructor-Led

Duration

Three Days

Course Objectives

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

- Identify the role of NetOps in fulfilling the monitoring needs of large enterprises.
- Identify the key components of DX NetOps and deep dive into DX NetOps Performance Management.
- Conduct key administrative tasks to discover and monitor network infrastructure using DX NetOps Performance Management.
- Analyze performance data using out-of-the-box (OOTB) dashboards and create custom dashboards to meet your specific requirements using DX Performance Management
- Identify solutions and workarounds to common problems so you can troubleshoot issues more effectively in DX NetOps Performance Management.

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

- Familiarity with network infrastructure management

Certification

Completion of this course is a prerequisite to a future certification. To schedule or access a certification exam, please contact abhishek.karandikar@broadcom.com.

Course Outline

Introduction

- *DX NetOps Performance Management 21.2: Foundations 200* is designed for Network Administrators, Network Systems Administrators, Network Capacity Planners, Network Service Delivery Specialists, and Implementation Engineers.
- This course will help you gain knowledge on how to configure and administer DX NetOps Performance Management to deliver high-performing IT services over their physical, virtual, and cloud-based infrastructure.

Module 1: DX NetOps—Network Monitoring Software

- Identify the challenges of large enterprises
- Describe AIOps, NetOps, the Domain-Centric Solution
- Identify the components of DX NetOps
- Identify the key features of DX NetOps

Module 2: DX NetOps Performance Management—Deep Dive

- Identify the capabilities of DX NetOps Performance Management
- Define the capacity using the sizing tool, metrics projections, and scorecards.
- Identify the use of APIs to meet your monitoring requirements
- Identify the ways of enriching the monitoring capabilities with integrated solutions

Module 3: DX NetOps Performance Management—Architecture

- Identify the various components of DX NetOps Performance Management architecture
- Identify the functionality of various components of DX NetOps Performance Management architecture
- To gain an understanding of approaches for disaster recovery of DX NetOps Performance Management in case of natural disasters.
- To identify the requirement of fault-tolerant systems

Module 4: DX NetOps Performance Management—Observe a Basic Use Case: Device Health

- Describe the goal of DX NetOps Performance Management
- Identify the elements of data collection
- Describe dashboards and context page composition
- Identify primary NetOps Portal UI features
- Change report pages
- Generate report output

Module 5: DX NetOps Performance Management—Discover Devices

- Create SNMP profiles
- Create IP domains
- Create discovery profiles
- Run a discovery profile
- Perform post-discovery tasks

Module 6: DX NetOps Performance Management—Configuring Monitoring

- Define the role of Collections, Metric families, Vendor certifications, Monitoring profiles, Metric filters, and Component filters.
- Create collections for monitoring
- Create monitoring profiles with component and metric filters

Module 7: DX NetOps Performance Management—Examine Grouping Strategy, Users, and Notifications

- Implement grouping strategy
- Administer users and roles
- Schedule emailing of dashboards as reports
- Configure notifications

Module 8: DX NetOps Performance Management—Customize the User Interface

- Create custom menus
- Create custom dashboards
- Customize context pages

Module 9: DX NetOps Performance Management—Troubleshooting DX Performance Management

- Identify the primary resources available to support your troubleshooting initiatives

Module 10: DX NetOps Performance Management—DX Operational Intelligence

- Identify how to make faster decisions using DX Operational Intelligence

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