



Exam Study Guide

Technical Specialist Exam 250 559:
DX Unified Infrastructure Management

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Validate your technical knowledge and competency by becoming a Broadcom Technical Specialist based on your specific area of Broadcom Software technology expertise. To achieve this level of certification, candidates must pass one proctored Technical Specialist exam based on a combination of training material, commonly referenced product documentation, and real-world job scenarios.

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Recommended Experience

To supplement the education and training materials provided to prepare for this exam, it is recommended that the candidate has at least 3-6 months experience working with DX Unified Infrastructure Management in a production or lab environment.

Exam Description

Candidates can validate technical knowledge and competency by becoming Broadcom Proven Professionals based on their specific area of technical expertise. To achieve this level of certification, candidates must pass this proctored exam based on a combination of training material, commonly referenced product documentation, and real-world job scenarios.

This exam targets IT Professionals using DX Unified Infrastructure Management (DX UIM). This certification exam tests the candidate's knowledge of how to install, configure and administer DX UIM.

Study References & Recommended Courses

DX Unified Infrastructure Management 20.3.x Systems Administration Foundations 200

(4 Day Instructor-Led or Virtual Instructor Led)

- Introduction
- Installation and Deployment
- Primary Interfaces –Admin Console and Operator Console
- Discovering Devices and Deploying Robots
- Performing Advanced Robot Configurations
- Advanced Monitoring Administration
- Examining Monitored Data
- Basic Alarm Notifications
- Performing Advanced Alarm Activities
- SLA and SLM Management
- Dash boarding and Reporting
- Performing Advanced Probe Configurations and Troubleshooting

DX Unified Infrastructure Management 20.3.x Advanced Presentation and Reporting 300

(3 Day Instructor-Led or Virtual Instructor Led)

- Operator Console
- Groups View
- Inventory View
- Metrics Viewer
- Service Level Management (SLM)
- Create a Custom Dashboard– Dashboard Designer
- Types of Users
- White Labelling
- CABI for UIM
- DX Unified Infrastructure Management Database Architecture
- Custom/Ad hoc Reports
- Account Aware CABI Reports
- Report Scheduler

Documentation:

- [DX Unified Infrastructure Management 20.4](#)
- [DX UIM Probes](#)

Product Website

<https://www.broadcom.com/products/software/aiops-observability/infrastructure-management>



Exam Objectives

The following tables list the Certification exam objectives for the exam and how these objectives align to the corresponding course topics and their associated lab exercises as well as the referenced product documentation. Candidates are encouraged to complete applicable lab exercises as part of their preparation for the exam.

Installing DX UIM:

Exam Objectives	Applicable Course Content
Installation planning and consideration	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: Installation and Deployment</i>
Describe DX UIM deployment.	
Understand installation and sizing for DX UIM	

Understanding DX UIM Architecture and Monitoring Governance:

Exam Objectives	Applicable Course Content
DX UIM Architecture and Monitoring Governance	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Modules:</i> - Primary Interfaces –Admin Console and Operator Console - Discovering Devices and Deploying Robots
Describe DX UIM deployment.	
Understand DX UIM components roles and map with monitoring governance model like tenancy	

Creating DX UIM Groups:

Exam Objectives	Applicable Course Content
Inventory onboarding and management	DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Modules:</i> - Groups View - Inventory View
Inventory management	
Understand DX UIM groups both static and dynamic	

Understanding Discovery and Robot Deployment:

Exam Objectives	Applicable Course Content
Device discovery	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Modules:</i> - Discovering Devices and Deploying Robots - Performing Advanced Robot Configurations
Device discovery and scheduling	
Understand discovery process, criteria and management	

Configuring SNMP Data Monitoring:

Exam Objectives	Applicable Course Content
SNMP Data Monitoring	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module:</i> Advanced Monitoring Administration
Describe SNMP based probe configuration and deployment	
Understand SNMP Collector probe deployment and configuration.	

Examining Monitored Data:

Exam Objectives	Applicable Course Content
View performance and alarm data	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module:</i> Examining Monitored Data
Access and use performance data	
Understand using metric viewer, Performance report designer and alarm console.	

Understanding Basic Alarm Notifications:

Exam Objectives	Applicable Course Content
Basic Alarm Notifications	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Modules:</i> - Basic Alarm Notifications - Performing Advanced Alarm Activities
Describe alarm configuration and management	
Understand alarm management with DX UIM	

Understanding Advanced Monitoring Administration:

Exam Objectives	Applicable Course Content
Monitoring Administration	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: Advanced Monitoring Administration</i>
Describe DX UIM probe configuration	
Understand DX UIM robot and probe administration.	

Performing Advanced Hub and Robot Configuration:

Exam Objectives	Applicable Course Content
Advanced Hub and Robot Configuration	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: Performing Advanced Robot Configurations</i>
Describe Hubs and Robot deployment and configuration	
Understand installation of robots (agents) for monitoring data collection	

Performing SLM Tasks:

Exam Objectives	Applicable Course Content
Planning SLAs and SLOs	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: SLA and SLM Management</i> DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Module: Service Level Management (SLM)</i>
Describe Service level management	
Understand SLA and SLO definition	

Understanding Advanced Probe Configurations and Troubleshooting:

Exam Objectives	Applicable Course Content
DX UIM Robot configuration and installation	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: Performing Advanced Robot Configurations</i>
Describe DX UIM robot deployment.	
Understand robot configuration	

Understanding Operator Console:

Exam Objectives	Applicable Course Content
Operator console functionality	DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Module: Operator Console</i>
Operator console configuration and personalization	
Understand Operator console debug and usage	

Customizing the User Experience:

Exam Objectives	Applicable Course Content
User interface personalization	DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Modules:</i> - White labelling - Create a Custom Dashboard– Dashboard Designer - Custom/Ad hoc Reports
Describe white labeling and custom content creation	
Understand Operator console customizations	

Skinning Operator console with CSS and Using Virtual Hosts:

Exam Objectives	Applicable Course Content
User interface personalization	DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Modules:</i> - CABI for UIM - DX Unified Infrastructure Management Database Architecture
Describe Web app deployment	
Understand installation considerations for GUI components	

Understanding Advanced Operator Console Considerations:

Exam Objectives	Applicable Course Content
Operator console functionality	DX IM: DX Unified Infrastructure Management – Advanced Presentation and Reporting 300 <i>Modules:</i> - Custom/Ad hoc Reports - Account Aware CABI Reports - Report Scheduler
Describe use cases solved by AC/OC GUI	
Understand advance Operator console UI functionalities	

Understanding VMware-related Monitoring Capabilities:

Exam Objectives	Applicable Course Content
Describe the capabilities on hybrid cloud monitoring probes	DX IM: Unified Infrastructure Management 20.3.x – System Administration Foundations 200 <i>Module: Performing Advanced Probe Configurations and Troubleshooting</i>
Describe the considerations in probe configuration for high scale data center monitoring .	
Given a scenario, determine the appropriate probes to deploy for modern data centers	

4. Sample Certification Exam Questions

These sample questions are very similar to the questions in the actual exam. Some questions may include several correct options. **Answers are on the last page.**

Questions	Options
Question 1: Which SQL Server privileges are needed for a DX UIM installation?	A. sa B. dbo C. dbCreator D. sysAdmin
Question 2: Which component uses port 4334 for inbound connections with the primary hub?	A. trellis B. udm_manager C. Discovery server D. Operator console
Question 3: DX UIM fails to communicate with a device hosted on a network protected by a firewall. Which command is used to test the routing from the DX UIM server to the device and from the device to the DX UIM server?	A. Tracert B. Telner C. Powershell D. Perl
Question 4: At minimum, which probe packages should be installed on an snmpcollector robot?	A. Hub, PPM, discovery_agent, nas and snmpCollector B. snmpcollector, discovery_agent, and nas C. hub, discovery_server, nas, alarm_enrichment, and wasp D. snmpcollector, discovery_agent, JRE, and PPM

Answers

1. C
2. B
3. A
4. A