

# DX NetOps 22.2.x Spectrum Optimization and Customization 300

Course Code: 20NPS30010

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## Course Description

The ***DX NetOps 22.2.x: Spectrum Optimization and Customization 300*** course will teach you how to customize many aspects of DX NetOps Spectrum, such as OneClick menus, event handling, network monitoring, subviews, tables, and privileges. You will also create Spectrum attributes and policies to define how your network is managed. Spectrum provides automatic root cause analysis and impacts analysis to identify the precise cause of network problems and assess the effect of these problems on your users. It also recommends corrective actions to minimize the impact of issues, improve restoration time, and maintain service levels.

## Delivery Method

Instructor-Led

## Duration

Four days

## Course Objectives

Upon completion of this course, you will be able to:

- Customize OneClick menus to launch applications and scripts on your web server.
- Create Spectrum attributes from Management Information Base (MIB) objects to manage the devices on your network.
- Customize event handling to configure the actions of Spectrum in response to user-defined rules and conditions.
- Customize network monitoring and subviews to increase the functionality of DX NetOps Spectrum.
- Customize tables and privileges to refine how DX NetOps Spectrum handles attributes.
- Implement and manage policies to define how DX NetOps Spectrum handles all aspects of network 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

- DX NetOps 22.2.x: Spectrum Foundations 200

## Additional Courses Available

- DX NetOps 22.2.x: Spectrum Foundations 200
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# Course Outline

## Module 1: Customize OneClick Menus

- Modify existing OneClick menus.
- Create a new OneClick menu.

## Module 2: Extend Enhanced Device Certifications

- Customize identification.
- Add DX NetOps Spectrum support for a new device.

## Module 3: Create Attributes from MIB Objects

- Compile and import a MIB definition file into MIB tools.
- Map a MIB from MIB tools into attributes in the SpectroSERVER catalog.
- Access newly mapped attributes through OneClick.

## Module 4: Configure Trap Handling

- Map a trap to a new event.
- Implement alarm discriminators.
- Create custom events rules.

## Module 5: Customize Network and Systems Monitoring

- Create custom watches.
- Customize the source of memory and CPU threshold Monitoring.

## Module 6: Customize Subviews

- Customize an existing subview.
- Create a custom subview.

## Module 7: Customize Tables

- Modify table contents and properties.

## Module 8: Customize Privileges

- Create a custom privilege.

## Module 9: Implement Management Policies

- Define policy manager.
- Define policy manager policies using OneClick.

## Module 10: Customize OneClick Branding

- Brand OneClick
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