

Junos Space-Network Director (JS-ND)

Engineering Simplicity

COURSE LEVEL

Junos Space—Network Director is an intermediate-level course.

AUDIENCE

This course benefits individuals responsible for managing Junos switching with EX Series, QFX Series, QFabric, and virtualized devices using the Network Director software in an enterprise network environment.

PREREQUISITES

Students should have experience with the Junos operating system, including device management, routing, and switching. Students should have a basic understanding of virtualization technologies. Students should also attend the Junos Space Essentials (JSE) and Junos Enterprise Switching (JEX) courses prior to attending this class.

RELEVANT JUNIPER PRODUCT

- Automation
- Network Management
- Layer 2 Switching
- Junos Space

CONTACT INFORMATION

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COURSE OVERVIEW

This one-day course is designed to provide students with the knowledge required to manage the Junos Space Network Director application and to manage devices with that application. Students will gain in-depth knowledge of how to work with Network Director. Through demonstrations and hands-on labs, students will gain experience with the features of Network Director.

This course is based on Junos Space Release 13.2R2.6 and Network Director 1.6.

OBJECTIVES

- Explain the role of the Network Director.
- Describe the Network Director modes.
- Describe how to build and deploy profiles.
- Explain how to monitor managed devices.
- Discuss how to generate reports through Network Director.
- Discuss the function and inner workings of ZTP.
- Describe how to configure and implement ZTP using Network Director.
- Explain the role of virtualization.
- Discover virtualized devices.
- Understand orchestration.

COURSE CONTENT

Day 1

1	COURSE INTRODUCTION	4	Implementing Zero Touch Provisioning <ul style="list-style-type: none">• Function and Internal Workings of ZTP• Configure and Implement ZTP with Network Director LAB 2: Implementing ZTP
2	Network Director Modes <ul style="list-style-type: none">• Network Director Overview• Network Director Modes	5	Virtualization Management in Network Director <ul style="list-style-type: none">• Virtual Systems and Network Director Overview• Discovering and Managing Virtual Systems• Enabling and Using Orchestration LAB 3: Managing Virtual Systems
3	Wired Device Management <ul style="list-style-type: none">• Wired Device Management• Configuring and Deploying Wired Device Profiles LAB 1: Working with Network Director		
	Appendix A: QFabric Management <ul style="list-style-type: none">• Discovering and Managing QFabric Systems• Generating Reports in QFabric		

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