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CISCO

NSO 201 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Our 4-day instructor-led NSO 201 (Cisco NSO Essentials for Programmers and Network Architects) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides a brief overview of the NSO solution, NETCONF, YANG, and XPath. After this overview, the course focuses on service creation, device and configuration management, NSO maintenance, NSO options and integrations, and basic NSO troubleshooting. Upon completion of this course, you should be able to: ● Explain the benefits and uses of Cisco Network Services Orchestrator (NSO) ● Install NSO and describe how NSO uses NETCONF and the Device Manager component ● Describe how YANG is used with NSO, create and deploy a service, and explain NSO FASTMAP ● Design and manage services with YANG models ● Perform NSO configuration and basic troubleshooting, and describe the following NSO features: integration options, alarms and reporting, scalability and performance options, and available function packs

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

4 Days / 32 hours Training

CPE credits

20 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class. Online enrolment closes three days before course start date. On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Course Outline

Module 1: Introduction to Cisco NSO

- Meeting Challenges with Orchestration
- What Is NSO?
- What Does NSO Do?
- How Does NSO Work?
- Resources and Training

Module 2: Get Started with Cisco NSO

- Installing Cisco NSO
- NETCONF Overview
- Device Manager

Module 3: Service Manager Essentials

- YANG Overview
- Using Services
- Model-to-Model Mapping

Module 4: Service Design and Cisco NSO Programmability

- Service Design
- Service Management

Module 5: Cisco NSO Flexibility

- System Configuration and Troubleshooting
- Integration
- Alarm Management and Reporting

- Scalability and Performance
- Components and Function Packs

Lab outline

- Lab 1: Installing Cisco NSO
- Lab 2: Using Device Manager
- Lab 3: Creating a Loopback Template Service
- Lab 4: Creating a VLAN Template Service
- Lab 5: Creating an L3VPN Template Service
- Lab 6: Creating an SVI Python Template Service
- Lab 7: Using NSO REST API with Postman

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Starting at **$4,500**

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ATTENTION

For GSA pricing or Contractor quotes call
301-258-8200 – Option 2.

GSA

Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

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