# Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201)

**Category:** Infrastructure & IT Operations | **Vendor:** Cisco

**Duration:** 3.00 hours (1 days) **2.4 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** vILT

## Who Should Attend

Gain an in-depth understanding of how to install, deploy, and maintain a Cisco Optical Networking Services (ONS) 15454 Multiple Spanning Tree Protocol (MSTP) network Practice what you learn through hands-on labs, Gain an in-depth understanding of how to install, deploy, and maintain a Cisco Optical Networking Services (ONS) 15454 Multiple Spanning Tree Protocol (MSTP) network Practice what you learn through hands-on labs

## Prerequisites & Entry Requirements

**General Prerequisites:**

No Required Groups Exist

# Learning Outcomes

**Upon successful completion of this course, participants will be able to:**

Course ObjectivesDescribe the hardware and components required and used with the Flex Spectrum featureDesign optical networks in the Cisco Transport Planner softwareInstall the hardware, including multishelf nodesPerform node turn-up and create circuits using the Cisco Transport Controller softwareConfigure optical networks with multidegree ROADM multishelf nodesConfigure optical networks with colorless, contentionless, omnidirectional, and MPO cross-connect advanced featuresDescribe and configure the NCS 2000 400-Gbps Xponder line cardAdd a node to an existing DWDM ringDescribe the NCS 2000 Troubleshooting GuideUse the features and documentation with Transport Controller to perform maintenance, testing, and basic troubleshooting, Course ObjectivesDescribe the hardware and components required and used with the Flex Spectrum featureDesign optical networks in the Cisco Transport Planner softwareInstall the hardware, including multishelf nodesPerform node turn-up and create circuits using the Cisco Transport Controller softwareConfigure optical networks with multidegree ROADM multishelf nodesConfigure optical networks with colorless, contentionless, omnidirectional, and MPO cross-connect advanced featuresDescribe and configure the NCS 2000 400-Gbps Xponder line cardAdd a node to an existing DWDM ringDescribe the NCS 2000 Troubleshooting GuideUse the features and documentation with Transport Controller to perform maintenance, testing, and basic troubleshooting, Course ObjectivesDescribe the hardware and components required and used with the Flex Spectrum featureDesign optical networks in the Cisco Transport Planner softwareInstall the hardware, including multishelf nodesPerform node turn-up and create circuits using the Cisco Transport Controller softwareConfigure optical networks with multidegree ROADM multishelf nodesConfigure optical networks with colorless, contentionless, omnidirectional, and MPO cross-connect advanced featuresDescribe and configure the NCS 2000 400-Gbps Xponder line cardAdd a node to an existing DWDM ringDescribe the NCS 2000 Troubleshooting GuideUse the features and documentation with Transport Controller to perform maintenance, testing, and basic troubleshooting, Course ObjectivesDescribe the hardware and components required and used with the Flex Spectrum featureDesign optical networks in the Cisco Transport Planner softwareInstall the hardware, including multishelf nodesPerform node turn-up and create circuits using the Cisco Transport Controller softwareConfigure optical networks with multidegree ROADM multishelf nodesConfigure optical networks with colorless, contentionless, omnidirectional, and MPO cross-connect advanced featuresDescribe and configure the NCS 2000 400-Gbps Xponder line cardAdd a node to an existing DWDM ringDescribe the NCS 2000 Troubleshooting GuideUse the features and documentation with Transport Controller to perform maintenance, testing, and basic troubleshooting, Course

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## Detailed Course Outline

Abcd, DWDM and Flex Spectrum Foundation, NCS 2000 Chassis and Cards, Design ROADM Networks with CTP, Hardware Installation and Multishelf, Node Turn-Up and Circuit Creation, Advanced Feature Networks and Circuits, Testing, Maintenance, and Basic Troubleshooting, Spectrum Switched Optical Network, Lab Outline

# Frequently Asked Questions

### Q: What delivery options are available for Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

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### Q: How many CPD hours does this course provide?

The 1-day Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201) course provides up to 2.4 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201) training?

The training takes place over 1 day(s), with each day lasting approximately 3.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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### Q: What related terms do people search for?

Popular related searches include: Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201) v3, Cisco, vILT

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### Q: Why choose Nexus Human for Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco NCS 2000 Deploying 96-Channel Flex Spectrum (OPT201) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

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