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Cisco Optical Technology Intermediate Level

Duración: 4 Días   Código del Curso: OPT200   Version: 3.0   Método de Impartición: Curso Remoto (Virtual)

Temario:

The Cisco Optical Technology Intermediate (OPT200) training course teaches the skills necessary to deploy Cisco Optical Networking System (ONS) 15454 Multiservice Transport Platform (MSTP)and Cisco Network Convergence System (NCS) 2000 Series networks from installation to protection.

Curso Remoto (Abierto)

Nuestra solución de formación remota o virtual, combina tecnologías de alta calidad y la experiencia de nuestros formadores, contenidos, ejercicios e interacción entre compañeros que estén atendiendo la formación, para garantizar una sesión formativa superior, independiente de la ubicación de los alumnos.

Dirigido a:

This course is for technical professionals who are responsible for installation, deployment and maintenance of the Cisco ONS 15454 MSTP and Cisco NCS 2000 Series networks. Network operations personnel, planners and designers can also benefit.

Objetivos:

■ **After completing this course, you should be able to:**

■ Connect to a Cisco ONS 15454 MSTP chassis using Cisco Transport Controller

■ Identify node configurations according to card population

■ Provision DWDM circuits using the Cisco Transport Controller

■ Conduct performance monitoring, alarm verification, and fault isolation

■ Provision M12 WSS in linear and M6 SMR nodes in ring topologies

■ Understand configuration options for the Any Rate muxponder and crossponder

■ Perform Raman amplifier initialization

■ Isolate optical network issues

Prerequisitos:

Completion of Cisco Fundamentals of Fiber Optics Technology (FFOT)

It is also recommended that you have the following knowledge and skills:

■ Basic knowledge of optical transport and protocols
■ Basic knowledge of data network principles

Siguientes cursos recomendados:
■ OPT300 - Cisco Optical Technology Advanced

Contenido:

Course

- Module 1: DWDM Optical Platform Review
- Module 2: Shelf and Card Installation
- Module 3: Fiber Jumper Installation
- Module 4: Linear Configurations
- Module 5: Node Turnup
- Module 6: Optical Channel Network Connection Circuits
- Module 7: Transponder and Optical Channel Client Connection Circuits
- Module 8: Multishelf
- Module 9: MSTP M6 SMR-Based Rings
- Module 10: 10-Gigabit Muxponder and Transponder Cards
- Module 11: 10-Gigabit with Y-Cable Protection
- Module 12: Alternative 10-Gigabit Protection
- Module 13: Any Rate Muxponder and Crossponder
- Module 14: Raman Amplifier
- Module 15: 40- and 100-Gigabit Transponder and Muxponder
- Module 16: Basic Troubleshooting

Lab Outline

- Lab 1: System Setup and Login
- Lab 2: Node Turnup
- Lab 3: Creating Direct Circuits (OCHNC)
- Lab 4: Creating Transponder Optical Client Circuits (OCHCC)
- Lab 5: Configuring an Amplified SMR Ring
- Lab 6: Configuring Direct Circuits in an SMR Ring/Mesh
- Lab 7: Installing 10-Gbps Transponder Cards with Y-Cable Protection
- Lab 8: Alternate 10-Gigabit Protection (OTU-2 and PSM)
- Lab 9: Any Rate Muxponder and Crossponder Options
- Lab 10: Raman Amplifier
- Lab 11: MSTP Troubleshooting

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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