

HCIP-Transmission



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Online Course

Course Modules

1.WDM Principles

- System Overview
- WDM Transmission Media
- Key Technologies of WDM

2.Transmission Network Products(HCIP)

- Product Overview
- Cabinets and Subracks
- Boards

3.NG WDM Equipment Networking and Applications

- Network Layers and System Architecture
- Site Types
- Basic Networking Elements

4.Optical- & Electrical-Layer Grooming Solns of NG WDM Devices

- Optical-Layer Grooming Solutions of NG WDM Devices
- Electrical-Layer Grooming Solutions of NG WDM Devices



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5.NG WDM Device Commissioning

- NG WDM Device Commissioning Basics
- NG WDM Device Commissioning Process and Procedure

6.MS-OTN Features

- IP Basics
- MPLS & PWE3
- Packet Services
- Maintenance Features

7.OTN Protocol

- OTN Overview
- OTN Interface Structures and Multiplexing/Mapping Principles
- OTN Frame Structure
- Frame Structure & Meaning of OTN Electrical-Layer Overheads
- Evolution to Liquid OTN

8.MS-OTN Protection Principles

- Device-Level Protection
- Network-Level Protection (OTN)
- Network-Level Protection (Packet)



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9. Routine NG WDM Device Maintenance

- Routine Device Maintenance
- Routine NMS Maintenance

10. NG WDM Alarm Signal Flow Analysis

- Overview
- Electrical-Layer Alarm Analysis
- Optical-Layer Alarm Analysis

11. NG WDM System Troubleshooting

- Troubleshooting Preparations
- Fault Locating Ideas and Methods
- Troubleshooting by Fault Type
- Case Analysis

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12. HCIP-Transmission Lab Guide

- NG WDM Common Data Configuration
- Configuring Optical-Layer Services
- NG WDM Power Commissioning
- MS-OTN Service Configuration
- MS-OTN Protection Configuration

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