

T100 Turn-Up and Maintenance - eLearning

Duration

Online – 1hr

Course Contents

The T100 eLearning course describes T-Series hardware, turn-up provisioning, PMs, and basic maintenance activities.

Who Should Attend

The T100 Turn-up and Maintenance course is designed for those seeking information about the turn-up and maintenance of T-Series network elements using the CLI (Command Line Interface). The course shows examples of the CLI commands used to turn-up a typical node in a typical network using step-by-step turn-up procedures. Basic scheduled and unscheduled maintenance is also addressed to show how to access and analyze PMs (Performance Measurements) and alarms.

Course Outline

- Course Overview
 - Course Title
 - Introduction
 - Legal
 - Course Navigation
 - System Description
 - System Introduction
 - Hardware Components
 - FAN Unit
 - PWR Supply
 - Chassis
 - Optics
 - Transponder PIU
 - Knowledge Check
 - Results
 - Provisioning
 - Title
 - Provisioning Optics
 - CLI Fundamentals
 - Logging On
 - Configure Mode
 - Show Users, Set Time
 - Set Time and Date
 - Emulator Basics
 - Practice Activity 1
 - Verify
 - LCN Port
 - Ethernet Interface
 - IP Address
 - Network Gateway
 - Equipment/DHCP
 - Provisioning Equipment
 - Transponder
 - QSFP28
 - CFP2-ACO
 - Provisioning Interfaces
 - ETH
 - OTU4
 - OCH
 - Practice Activity 2
 - Knowledge Check
 - Results
- Management
 - Title
 - PM Bins
 - Equipment/Port Based PMs
 - QSFP28 PMs
 - CFP2 PMs
 - Facility/Interface PMs
 - QSFP28 PMs
 - RMON
 - CFP2 PMs
 - Reset PMs
 - Knowledge Check
 - Results
- Maintenance
 - Title
 - LEDs
 - Alarm Retrieval
 - Loopback Testing
 - Ping and Traceroute
 - Practice Ping and Traceroute
 - Database Backup
 - Database Restore
 - Software Upgrade
 - Knowledge Check
 - Results
- Installation
 - Training Video
 - Installation Instructions
 - Knowledge Check
 - Results
- Finale
 - Final Knowledge Check
 - Results
 - Survey
 - Survey results