

Troubleshooting Cisco Enterprise Networking Solutions (ENTSH)

Description

The **Troubleshooting Cisco Enterprise Networking Solutions (ENTSH)** training teaches you how to maintain a network while diagnosing and resolving network problems quickly and effectively. This training combines lab troubleshooting scenarios with debriefs, providing hands-on experience of enterprise routing and switching troubleshooting.

This training also earns you 30 Continuing Education (CE) credits toward recertification.

How you'll benefit

This training will help you:

- Gain the knowledge you need to maintain and troubleshoot networks
- Qualify for professional-level job roles in enterprise routing and switching
- Earn 30 CE credits toward recertification

Who should enroll

- Network Professionals

Technology areas

- Enterprise Networking
- Routing and Switching

Objectives

- Evaluate commonly practiced troubleshooting principles, approaches, and methodologies
- Identify and examine the processes in any structured troubleshooting procedure
- Describes how to use recommended practices during periods of maintenance, change control, configuration management, documentation, labelling, and time services
- Describes how to use show commands to troubleshoot connectivity on Cisco devices and hardware diagnostics and debug commands to view live packets and processes

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- Discuss Cisco troubleshooting tools and their categories

Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Implementation and verification of enterprise routing and switching technologies

These skills can be found in the following Cisco Learning Offerings:

- [Implementing and Administering Cisco Solutions \(CCNA\)](#)
- [Implementing and Operating Cisco Enterprise Network Core Technologies \(ENCOR\)](#)
- [Implementing Cisco Enterprise Advanced Routing and Services \(ENARSI\)](#)

Outline

- Troubleshooting Methodologies
- Troubleshooting Procedures
- Best Practices for Network Maintenance
- Basic IOS Troubleshooting Tools
- Advanced IOS Troubleshooting Tools
- Case Study 1: SECHNIK Networking Ltd.
- Case Study 2: Troubleshooting at TINC Garbage Disposal Ltd.
- Case Study 3: Troubleshooting at PILE Forensic Accounting Ltd.
- Case Study 4: Troubleshooting at Bank of POLONA Ltd.
- Case Study 5: Troubleshooting at RADULKO Transport Ltd.

Links

- [Cisco U. Learning Path](#)
- [Cisco Learning Network Store](#)