

Cisco Troubleshooting and Maintaining Cisco IP Networks (CCNP TSHOOT) v2.0

Modality: On Demand

Duration: 11 Hours

This course sets you up for the exam of 300-135 TSHOOT prompting to the Certification of 300-135 TSHOOT. This course has no Voucher of Official Exam but you can demand to buy the Official Exam Voucher independently.

About this course:

This is a qualifying exam of “Troubleshooting and Maintaining Cisco IP Switched Networks” for the certification of Cisco Certified Network Professional CCNP®. The exam of TSHOOT will affirm that the fruitful up-and-comer has significant information and aptitudes important to (1) perform and plan normal maintenance on complex undertaking switched and routed systems and (2) use innovation based practices and a systematic approach of ITIL-compliant to deal with perform the troubleshooting of the network.

The protocol knowledge of routing and switching from this credential will give a lasting basis as these aptitudes are similarly significant in the physical systems of today and the virtualized elements of the network of tomorrow. The individuals who accomplish the certification of CCNP Routing and Switching have exhibited the abilities required in big business jobs, for example, Support Engineer, Network Engineer, Network Technician, or Systems Engineer.

The normal pay for a Network and Server Infrastructure authority is \$85,000 every year.

Course Objective:

- Preparation of the maintenance for complex networks
- Network maintenance tools
- Troubleshooting Addressing Services
- Troubleshooting and maintaining Campus Switched Solutions
- Troubleshooting Applications and Tools.
- Preparation and review for Troubleshooting Complex Enterprise Networks
- Troubleshooting and maintaining the solutions for Routing
- Maintaining Network Security Implementations
- Troubleshooting Issues of Network Performance
- Using Maintenance and Troubleshooting Tools and Applications
- Troubleshooting Converged Networks

Audience:

This course is designed for Network Engineers.

Prerequisites:

Before going to this course understudies ought to have the information on and involvement in the execution and confirmation of big business routing and switching advances as provided by the Implementing Cisco IP Routing (ROUTE) v2.0 and Implementing Cisco Switched Networks (SWITCH) v2.0 courses or identical aptitudes and information. This incorporates information and experience of the accompanying innovations:

- Layer 2 switching
- Switch security issues
- VLANs, port security, VLAN access control lists,
- Spanning Tree Protocol (STP)
- First Hop Redundancy Protocols (FHRPs) - VRRP, HSRP, and GLBP
- Open Shortest Path First (OSPF)
- Enhanced Interior Gateway Routing Protocol (EIGRP)
- Layer 3 path control
- Link aggregation protocols
- Inter-VLAN routing solutions
- Branch office operations

Suggested prerequisites courses:

CCNP Route - Cisco Implementing Cisco IP Routing v2.0

CCNP Switch - Cisco Implementing Cisco IP Switched Networks v2.0

Course Outline:

- **Module 01 - Planning Maintenance for Complex Networks**
- **Module 02 - Troubleshooting Processes for Complex Enterprise Networks**
- **Module 03 - Using Maintenance and Troubleshooting Tools and Applications**
- **Module 04 - Maintaining and Troubleshooting Campus Switched Solutions Troubleshooting Tools and Applications**
- **Module 05 - Maintaining and Troubleshooting Routing Solutions**
- **Module 06 - Troubleshooting Addressing Services**
- **Module 07 - Troubleshooting Network Performance Issues**
- **Module 08 - Troubleshooting Converged Networks**
- **Module 09 - Maintaining and Troubleshooting Network Security Implementations**
- **Module 10 - Review and Preparation for Troubleshooting Complex Enterprise Networks**