

Troubleshooting and Maintaining Cisco IP Networks v1.0

TSHOOT



Delivery Type: Classroom

Duration: 5 days

Overview

This five day course is designed to provide professionals who work in complex network environments with the skills that they need to maintain their networks and to diagnose and resolve network problems quickly and effectively. The course will provide information about troubleshooting and maintaining particular technologies, as well as procedural and organizational aspects of the troubleshooting and maintenance process. A large part of the training will consist of practicing these skills and reinforcing the concepts by putting them to use in a controlled environment. At the end of the course, delegates will have increased their skill level and developed a set of best practices based on their own experiences and those of other delegates that they can then take back into their own organizations.

Target Audience

This course is intended for Network professionals who want to increase their skills at maintaining and troubleshooting complex Cisco IP networks. This course is required for those looking to achieve the Cisco CCNP® Certification

Pre-Requisites

Attendees should meet the following prerequisites:

- ✓ Valid CCNA (ICND1, ICND2Or CCNABC)
- ✓ ROUTE - Implementing Cisco IP Routing
- ✓ SWITCH - Implementing Cisco Switched Networks

Practical experience in installing, operating and maintaining Cisco routers & switches in an enterprise environment is recommended.

Certification

Recommended preparation for exam(s):

- ✓ 642-832 TSHOOT- Troubleshooting and Maintaining Cisco IP Networks
- ✓ This exam is required for those delegates wishing to achieve either the Cisco Certified Network Professional Certification

Objectives

After you complete this course you will be able to :

- ✓ Plan and document the most commonly performed maintenance functions in complex enterprise networks
- ✓ Develop a troubleshooting process to identify and resolve problems in complex enterprise networks
- ✓ Select tools that best support specific troubleshooting and maintenance processes in large, complex enterprise networks
- ✓ Practice maintenance procedures and fault resolution in switching based environments
- ✓ Practice maintenance procedures and fault resolution in routing based environments
- ✓ Practice maintenance procedures and fault resolution in a secure infrastructure
- ✓ Troubleshoot and Maintain integrated complex enterprise networks