

Troubleshooting Cisco IP networks

A 5 day **Hands on** training course



Description

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.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Describe the troubleshooting tools and methodologies that are used to identify and resolve issues in 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.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Network professionals.

Prerequisites

CCNA (ICND 1 & 2), ROUTE, SWITCH

Duration: 5 days

Overall rating:



Generic training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

Troubleshooting Cisco IP networks

Course content

Tools and methodologies of troubleshooting

Describing troubleshooting methodologies, Using troubleshooting procedures, Following recommended practices during routine network maintenance, Using basic IOS troubleshooting tools, Using Specialized troubleshooting tools.

Troubleshooting at SECHNIK Networking Ltd.

Challenge Lab 1: First troubleshooting at SECHNIK Networking Ltd, Debrief of the First troubleshooting at SECHNIK Networking Ltd, Challenge Lab 2: Second troubleshooting at SECHNIK Networking Ltd, Debrief of the second troubleshooting at SECHNIK Networking Ltd, Challenge Lab 3: third troubleshooting at SECHNIK Networking Ltd, Debrief of the third troubleshooting at SECHNIK Networking Ltd.

Troubleshooting at TINC Garbage Disposal Ltd

Challenge Lab 4: First troubleshooting at TINC Garbage Disposal Ltd, Debrief of the first troubleshooting at TINC Garbage Disposal Ltd, Challenge Lab 5: Second troubleshooting TINC Garbage Disposal Ltd, Debrief of the second troubleshooting at TINC Garbage Disposal Ltd, Challenge Lab 6: Third troubleshooting at TINC Garbage Disposal Ltd, Debrief of the third troubleshooting at TINC Garbage Disposal Ltd, Challenge Lab 7: Fourth troubleshooting at TINC Garbage Disposal Ltd, Debrief of the Fourth troubleshooting at TINC Garbage Disposal Ltd.

Troubleshooting at PILE Forensic Accounting Ltd

Challenge Lab 8: First troubleshooting at PILE Forensic Accounting Ltd, Debrief of the first troubleshooting at PILE Forensic Accounting Ltd, Challenge Lab 9: Second troubleshooting at PILE Forensic Accounting Ltd, Debrief of the second troubleshooting at PILE Forensic Accounting Ltd, Challenge Lab 10: Third troubleshooting at PILE Forensic Accounting Ltd, Debrief of the third troubleshooting at PILE Forensic Accounting Ltd, Challenge Lab 11: Fourth troubleshooting at PILE forensic Accounting Ltd, Debrief of the fourth Troubleshooting at PILE Forensic Accounting Ltd, Challenge Lab 12: Fifth troubleshooting at PILE Forensic

Accounting Ltd, Debrief of the fifth troubleshooting at PILE Forensic Accounting Ltd.

Troubleshooting at Bank of POLONA Ltd

Challenge Lab 13: First troubleshooting at Bank of POLONA Ltd, Debrief of the First troubleshooting at Bank of POLONA Ltd, Challenge Lab 14: Second troubleshooting at Bank of POLONA Ltd, Debrief of the Second troubleshooting at Bank of POLONA Ltd, Challenge Lab 15: Third troubleshooting at Bank of POLONA Ltd, Debrief of the third Troubleshooting at Bank of POLONA Ltd, Challenge Lab 16: Fourth troubleshooting Bank of POLONA Ltd, Debrief of the fourth troubleshooting at Bank of POLONA Ltd.

Troubleshooting at RADULKO Transport Ltd

Challenge Lab 17: First Troubleshooting at RADULKO Transport Ltd, Debrief of the First Troubleshooting at RADULKO Transport Ltd, Challenge Lab 18: Second Troubleshooting at RADULKO Transport Ltd, Debrief of the Second Troubleshooting at RADULKO Transport Ltd, Challenge Lab 19: Third Troubleshooting at RADULKO Transport Ltd, Debrief of the Third Troubleshooting at RADULKO Transport Ltd, Challenge Lab 20: Fourth Troubleshooting RADULKO Transport Ltd, Debrief of the Fourth Troubleshooting at RADULKO Transport Ltd.

