CompTIA NET+ Cert, Part 16 of 17: Troubleshooting[replaced]

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Meet the expert: Patrick Loner has certifications for MCSA, MCSE, MCITP, A+, Network+, Security+, and more. He has been working as a Microsoft Certified Trainer, network administrator, and network consultant for over ten years. He has over a decade of experience working with and teaching about Windows networks with client and server operating systems. He has guided many students toward Microsoft and CompTIA certifications. Most recently, he has worked as a freelance trainer and network consultant specializing in Windows Server 2008 and Microsoft Exchange 2007 and Exchange 2010 implementations, design, and upgrades. Patrick continues to branch out now working with and training on Windows Server 2012, Windows 8, Exchange 2013, and System Center Configuration Manager 2012.

Prerequisites: Parts 1 through 15 of the CompTIA NET+ series

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Course description: ** this course is updated for current certification N10-008 with parts 1 through 7 starting at https://www.learnnowonline.com/course/npe**

With a focus on Domain 4.0 of the CompTIA NET+ Certification Exam N10-006, this course will examine troubleshooting, beginning with implementation methodologies using structured approaches. This will include becoming familiar with the symptoms and resolutions for various problems including those related to wireless, copper and fiber cables, device configuration, routers, switches, network security, and WAN.

Course outline:

Overview of Troubleshooting
- Introduction
- Objective Overview
- Sub-domains
- Summary

Troubleshooting Methodology
- Introduction
- Troubleshooting Methodology
- Model Steps
- Summary

Troubleshooting Tools
- Introduction
- Analyzing and Interpreting Tools
- Additional Software Tools
- Command Line Software Tools
- Summary

Troubleshooting Wireless
- Introduction
- Troubleshooting Wireless
- Signal Issues
- Hardware Issues
- WLANs
- Summary

Troubleshooting Copper Cables
- Introduction
- Copper Cable Issues
- Crosstalk, EMI, and Connections
- Summary

Troubleshooting Fiber Cable
- Introduction
- Fiber Cable Issues
- Mismatch, Dirty, and Bend Radius
- Summary

Troubleshooting Common Networks
- Introduction
- Common Network Issues
- Router and Switch Problems
- Summary

Troubleshooting Network Security
- Introduction
- Network Security Issues
- Security Issues and Users
- Attack Issues
- Summary

Troubleshooting Common WANs
- Introduction
- Common WAN Issues
- Router Configurations
- Summary