CompTIA NET+ Cert 007 Update, Part 4 of 5: Network Security

page 1

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: CompTIA NET+ Cert, Part 01 through 17. This material covered the previous N10-005 and N10-006 exams, the bulk of which is still the foundation of CompTIA NET+, and should be known or reviewed before watching this course.

Runtime: 01:09:59

Course description: This course is an update to the previous CompTIA Net+ body of knowledge focusing on the changes for the N10-007 Exam. The previous 17 part course covers material that should be reviewed or known before watching this course.

This course covers the Network Security Domain. It includes many of the changes as it relates to physical security devices, authentication, access control, wireless security as well as common network attacks.

Course outline:

Overview of Network Security Domain
- Introduction
- Overview Network Security Domain
- Objectives
- Summary

Physical Security Devices
- Introduction
- Physical Security Devices
- Detection
- Prevention
- Summary

Authentication Access Controls
- Introduction
- Authentication and Access Control
- Control Measures
- Multifactor Authentication
- Access Control
- Summary

Utilizing Wireless Security
- Introduction
- Utilizing Wireless Security
- Authentication and Authorization
- Summary

Understanding Common Network Attacks
- Introduction
- Common Network Attacks
- Common Attacks
- Logic Bomb
- Deauthentication
- Summary

Network Device Hardening
- Introduction
- Network Device Hardening
- Change Default Config
- Firmware
- Summary

Risk Mitigation Techniques
- Introduction
- Risk Mitigation Techniques
- Switch Port Protection
- Penetration Testing
- Summary