Network Essentials Labs

Course: **00096**

Filter: **Beginner**

Duration: **20 hours**

Category:: **Netwoking**

Price: **3000,00 €**

About Course

Confidently design, configure, manage, troubleshoot, and analyze traffic of any wired and wireless networks. This Network Essentials lab bundle, which includes 16 distinct, hands-on labs focused on security that will prepare you to work with a variety of hardware, software and networks, making you a more well-rounded IT professional. This lab bundle is designed to align to the learning objectives found in CompTIA's Network+ certification — Course 2032, Certified Network Defender (CND) Certification Training.

What you'll learn

- Practice the objectives presented in CompTIA's Network+ certificationConfidently design, configure, manage, troubleshoot, and analyze traffic of any wired and wireless networksWork with a variety of hardware, software, and networks

Pre-requisites

- None

Curriculum

Module 1: Additional Scanning Options

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Module 2: Applying Filters to TCPDump and Wireshark

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Module 3: Denial of Service PCAP Analysis

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Module 4: Firewall Setup and Configuration

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Module 5: Gap Analysis of Firewall Rules

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Module 6: IDS Setup

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Module 7: Monitoring Network Traffic

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Module 8: Network Segmentation (FW/DMZ/WAN/LAN)

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Module 9: Open Source Collection

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Module 10: Preliminary Scanning

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Module 11: Scanning from Windows

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Module 12: Setting Up Zones in a Firewall

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Module 13: Specialized Linux Port Scans

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Module 14: System Hardening

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Module 15: TCPDump

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Module 16: Using Snort and Wireshark to Analyze Traffic

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