



COMPNET - CompTIA Network+ (N10-008)

CompTIA - Defensive Cybersecurity - Cyber Security

Durata:

5 Giorni

Lingue:

Italiano

Certificazione:

CompTIA Network+

Descrizione del corso

ompTIA Network+ aiuta a sviluppare una carriera nell'infrastruttura IT coprendo la risoluzione dei problemi, la configurazione e la gestione delle reti. CompTIA Network+ si concentra sugli strumenti e le tecnologie di rete, cablate o wireless, per garantire la sicurezza delle informazioni aziendali sensibili; insegna come identificare e risolvere i problemi di performance della rete e proteggere le reti dalle minacce cercando di ridurre le vulnerabilità delle stesse. Il costo del voucher non è compreso nel totale

Programma

Part I: Networking Fundamentals

- Compare and contrast the Open Systems Interconnection (OSI) model layers and encapsulation concepts
- Explain the characteristics of network topologies and network types
- Summarize the types of cables and connectors and explain which is the appropriate type for a solution
- Given a scenario, configure a subnet and use appropriate IP addressing schemes
- Explain common ports and protocols, their application, and encrypted alternatives
- Explain the use and purpose of network services
- Explain basic corporate and datacenter network architecture
- Summarize cloud concepts and connectivity options

ITCore Group

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Parts II: Network Implementations

- Compare and contrast various devices, their features, and their appropriate placement on the network
- Compare and contrast routing technologies and bandwidth management concepts
- Given a scenario, configure and deploy common Ethernet switching features
- Given a scenario, install and configure the appropriate wireless standards and technologies

Parts III: Network Operations

- Given a scenario, use the appropriate statistics and sensors to ensure network availability
- Explain the purpose of organizational documents and policies
- Explain high availability and disaster recovery concepts and summarize which is the best solution

Parts IV: Network Security

- Explain common security concepts
- Compare and contrast common types of attacks
- Given a scenario, apply network hardening techniques
- Compare and contrast remote access methods and security implications
- Explain the importance of physical security

Parts V: Network Troubleshooting

- Explain the network troubleshooting methodology
- Given a scenario, troubleshoot common cable connectivity issues and select the appropriate tools
- Given a scenario, use the appropriate network software tools and commands
- Given a scenario, troubleshoot common wireless connectivity issues
- Given a scenario, troubleshoot general networking issues

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