

Connect and Protect: Networks and Network Security

Network architecture

- Structure of a network
- Standard networking tools
- Cloud networks
- TCP/IP model

Network Operations

- Network Protocols
- VPNs
- Firewalls, Security zones, and Proxy servers

Secure against network intrusions

- Network security
- Network intrusion tactics
- Network attack protection

Security hardening

- Security hardening
- OS hardening
- Network hardening practices
- Cloud network hardening