

filename:comptia-secplussy0601-4-12-1-network-security-vpns

Showname: Security+ (SY0-601)

Topic: Supporting Security

Episode: Application Security

Learner Objectives:

*Given a scenario, implement secure network designs.*

Description: In this episode, the viewer will identify the virtual private network (VPN) communications as well as the benefits of implementing VPNs. The viewer will also compare and contrast different types of VPN implementations such as remote-access, site-to-site, Always-on, split vs. full tunneling and tunneling protocols such as point-to-point tunneling (PPTP) and layer 2 tunneling protocol (L2TP).

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- What are VPNs?
  - VPN Types
    - Remote access
    - Site-to-site
    - Always-on
    - Split tunnel
    - Full tunnel
  - VPN Tunneling Protocols
  - VPN Tunneling Protocols and Encryption
    - PPTP
    - L2TP
    - SSTP
    - IKEv2