William Frado 05/16/2025

Remote Network Considerations. Remote natwork access 7 user device does not make direct colole or wireless connection to the notwork. Vld School method - Remote Access Server (RAS)-ey. hadi-- authutication touthorization, our - Authentication/Gate Way
- device assists in authentication client.
- Modern Pool - dial-up device - Remote Client Remote Network Considerations) Trund 2.) Security (Encrypt) Ruyload Application
Transport TCP
VDP

Network Packets ______ --- Ter Payload VPN-Virtual Private Network - network connection encrypted.
- VPN often called "Tunne!" VPN-Virtual Private Not work What is VPN? No hard ware or cables

Private -> Privacy

N/w -> Device Interhet

Server

Very 2 Secure -> 11

Tranel SONYTO

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Ent for Start: Remote *ccess > , donnload biogen Site to site was atmand Vpn" MORTON MAN (NordVPN" Wi-f 9 Avtheutication DSA psk=personal (cop) Enterprise state of the state o Notes 1st UPN creates a tunnel 2nd VPN encrypts.
3rd VPN help! Bypassing Censorship Three types of VPN YIB VPN (Virtual Private Network) Explained ITB How does a VPN trunel work? 11. Strannah lib 12. 16. 0.0 Site to Site - File to Site Client tosite Macon 1920/6.0.0./16 "Hvb" Poighbor. Hla spoke Exam Norsy Study Gribes & Doc Comptian Net + e Monday 4 pm. Resvue te volvate e student prof. experience.

William & rates

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Prep for exam: - Comptia Objectives. Practice quizzes - Class notes review. Focus on weak areas. Cisco Packet Tracer. · youTube videos - Dion exam - Flash cards Tunneling & encapsulation Protocols

- tunneling frotocols

- ppp GRE . L2TP/IPSEC . SSTP | Wiregrard

- ppp . IKEV2/IRSEC . TLS/OTLS . Open VPN | Wiregrard · Internet Key Exchange (IKEV2)/IP Security (IPSEC) · Layer 2 Tunneling Protocol (L2TP)/IP Security (IPSEC) Layer 3 = IPi6 = IPsec Mac address always get stripped once it upoes throw Segmen Layer 4 Transport TCP VPN: Types;-Site to Site - Client to Site - Commercial Eval - Dom encryption/security VPN Protocols: PPP, PPTP, IKEV2/IPSec L2TP/IPSec TLS/DTLS, Open VPN SSTP-microsoft? Wire grand

OBST FMITTED

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William Frado 05/16/2005 IPsec = Encryption, authentication, & keymanagement · Authoritication Header (AH) · Eucaps vlated Security Payload (ESP) IPSec modes - trainsport made + Tunnel mode IPSEC & modes transport - Client to client Tunnel - site to site Firewall to firewall Tunnel part IKE Client to Client Private Networks Split Tunnel
Full Tunnel THE BUILD SPITES TO PROMOTE HE Hub + Spoke UPNS & VPN I teadend 3 or more remote sites. Hub - headquarters site ("head end") handles high traffic volume. Spoke-remote sites ("branch office rowters") VPN Concentrator- UPN server 13.3 Remote Management Remote Host Access 55H port TCP/22

William Prodo

