**VPN vs VLAN: Install and Configure PPTP on a VPN Server**

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INT 301: Computer Networking

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August 15, 2022

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In comparison to VLANs, which combine different devices together to establish communication to make it easier for network managers to make changes to the network architecture, VPNs offer authorized users and employees’ safe connectivity to their employers' networks. Companies use VLANs to consolidate devices that are transmitted over a number of locations into a single broadcast domain. VPNs are used to transmit data securely between offices of the same business or between offices of different businesses. Additionally, people utilize it for their own personal needs.

Data transferred over a Wi-Fi network can be encrypted and scrambled using the VPN that I set up. The data is rendered unreadable through encryption. When utilizing a public Wi-Fi network, data security is crucial since it stops other users from listening in on your online activities. Because of the encryption used by the VPN, even if someone were to intercept your connection, they would be unable to see what you were doing or the websites you were viewing. Additionally, when you use a VPN, your internet service provider (ISP), the business that provides your mobile data or broadband, cannot eavesdrop on you.

**Installing and Configure a VPN Server Lab**

I had a good experience with the lab, the Install and Configure VPN Server module helped provide me with the tools to develop hands on skills. This module helped me understand the different fundamentals in Installing a VPN Server, Configuring the VPN server properties and using PPTP. A username and password are needed to authenticate user accounts when using the Point to Point Tunneling Protocol (PPTP) to connect to a VPN server. Due to its simplicity and convenience of usage, this protocol is extensively supported by a wide range of vendors.

**References**

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Graphical user interface, application

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