DOCUMENTATION

<u>Raspberry pi 4 as a VPN server</u>

The Raspberry Pi 4 VPN server is a setup where the Raspberry Pi 4 single-board computer is configured to act as a Virtual Private Network (VPN) server. This allows users to establish a secure, encrypted connection to their home network or the internet through the Raspberry Pi, providing a safer and more private online experience.

1) **Secure Their Internet Connection**: By routing their internet traffic through the VPN server, users can protect their data from potential threats when using public Wi-Fi networks, making their online activities more secure.
2) **Access Home Network Remotely**: The VPN server enables users to access devices and resources on their home network from anywhere, as if they were physically present at home. This is particularly useful for remote file access or controlling smart home devices.
3) **Bypass Geographical Restrictions**: Users can use the VPN to access geo-restricted content by routing their traffic through a server located in a different region, granting them access to websites and services not normally available in their location.
4) **Privacy and Anonymity**: A VPN server can help protect users' privacy by masking their IP address, making it more difficult for third parties to track their online activities.

* All the scripts are included in Setup.txt.