# Softether vpn server for android

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This repository is based on the Softether Stable Edition Respository. Copyright (c) The SoftEther Project at the University of Tsukuba, Japan. The development of SoftEther VPN was supported by the MITOH Project, a Japanese government research and development project subsidized by the Ministry of Economy, Trade and Industry of Japan under the direction of the Information Promotion Agency. This program is free software; You can redistribute it and/or modify it in accordance with the terms of the general public license of GNU Version 2 published by the Free Software Foundation. SoftEther VPN (SoftEther means Ethernet Software) is one of the most powerful and easy-to-use multidisciplinary VPN software in the world. SoftEther VPN works on Windows, Linux, Mac, FreeBSD and Solaris. SoftEther VPN supports most widely used VPN protocols, including SSL-VPN, OpenVPN, IPsec, L2TP, MS-SSTP, L2TPv3 and EtherIP under a single SoftEther VPN Server program. More information about the . SOFTETHER VPN ADVANTAGES Supports all popular VPN protocols with a single VPN server: SSL-VPN (HTTPS) OpenVPN IPsec L2TP MS-SSTP L2TPv3 EtherIP Free and open source software. It is easy to install both remote access and VPN from site to site. SSL-VPN Tunneling at HTTPS for passage through NATs and firewalls. Revolutionary VPN over ICMP and VPN over DNS features. Resistance to a highly restricted firewall. Ethernet-overcoming (L2) and IP routing (L3) via VPN. Built-in dynamic DNS and NAT bypasses, so no static or fixed IP address is required. AES 256-bit and RSA 4096-bit encryption. Sufficient security features such as registration and firewall internal VPN tunnel. Authenticate users with RADIUS and NT domain controllers. Authenticate the user with the X.509 Customer Certificate. Registration of packages. 1Gbps class high-speed bandwidth with low memory and processor use. Supported windows, Linux, Mac, Android, iPhone, iPad and Windows Phone. OpenVPN clones support out-of-date OpenVPN customers. IPv4 / IPv6 double stack. The VPN server runs on Windows, Linux, FreeBSD, Solaris and Mac OS X. Set up all settings on GUI. Multilingual (English, Japanese and simplified Chinese). Memory leaks don't happen. High-quality stable codes designed for long-term launches. We always make sure that there are no memory leaks or resources before the build is released. More information on . Instructions for downloading and assembling as follows: $ git clone $CD softethervpn-android $export (android ndk gcc location) . . . . SoftEther VPN (SoftEther means Ethernet software) is one of the powerful and easy-to-use multi-profile VPN software. It works on Windows, Linux, Mac, FreeBSD and Solaris. SoftEther VPN open source. You can use SoftEther for any personal or commercial use for free. SoftEther VPN is the best alternative to OpenVPN and Microsoft VPN servers. SoftEther VPN has the OpenVPN Server clone function. You can integrate from OpenVPN to SoftEther VPN smoothly. SoftEther VPN is faster than OpenVPN. SoftEther VPN also supports Microsoft SSTP VPN for Windows Vista / 7 / 8. There is no longer any need to pay expensive fees for a Windows Server license for a VPN remote access feature. SoftEther VPN can be used to implement BYOD (Bring Your Own Device) on your business. If you have smartphones, tablets or laptops, SoftEther VPN's L2TP/IPsec server will help you create a remote access VPN from your local network. SoftEther VPN's L2TP VPN Server has strong compatibility with Windows, Mac, iOS and Android. SoftEther VPN is not only an alternative VPN server for existing VPN products (OpenVPN, IPsec and MS-SSTP). SoftEther VPN also has the original strong SSL-VPN protocol for infiltrating any kind of firewall. The ultra-optimistic SSL-VPN SoftEther VPN protocol has very fast bandwidth, low latency and firewall resistance. SoftEther VPN has stronger resistance to firewalls than ever. The built-in NAT bypass penetrates the network administrator's problematic firewall for excessive protection. You can set up your own VPN server behind your company's firewall or NAT, and you can get to that VPN server in a corporate private network from your home or mobile location, without any change to firewall settings. Any deep-sea inspection firewalls cannot detect SoftEther VPN transport packages as a VPN tunnel because SoftEther VPN uses Ethernet via HTTPS for camouflage. It is easy to imagine the design and implement vpn topology with SoftEther VPN. It is the re-virtualization of Ethernet by software-listing. SoftEther VPN Client implements a virtual network adapter, and SoftEther VPN Server implements the virtual Switch Ethernet. You can easily build both a remote ACCESS VPN and a site on a VPN site like an Ethernet-based L2 VPN extension. Of course, traditional IP routing L3 based on VPN can be built by SoftEther VPN. SoftEther VPN has a strong compatibility with the most popular VPN products in the world. It has compatibility with OpenVPN, L2TP, IPsec, EtherIP, L2TPv3, Cisco VPN routers and MS-SSTP VPN customers. SoftEther VPN is the world's only VPN software that supports SSL-VPN, OpenVPN, L2TP, EtherIP, L2TPv3 and IPsec as single software SoftEther VPN is free software because it was developed as a study of master's thesis Daiyuu Nobori at the university. You can download and use it from today. The SoftEther VPN source code is available under Apache 2.0 license. Features of SoftEther VPN Free and open source software. Easy Easy both remote access and VPN from site to site. SSL-VPN Tunneling at HTTPS for passage through NATs and firewalls. Revolutionary VPN over ICMP and VPN over DNS features. Resistance to a highly restricted firewall. Ethernet-overcoming (L2) and IP routing (L3) via VPN. Built-in dynamic DNS and NAT bypasses, so no static or fixed IP address is required. AES 256-bit and RSA 4096-bit encryption. Sufficient security features such as registration and firewall internal VPN tunnel. 1Gbps class high-speed bandwidth with low memory and processor use. Windows, Linux, Mac, Android, iPhone, iPad and Windows Mobile are supported. SSL-VPN (HTTPS) and 6 main VPN protocols (OpenVPN, IPsec, L2TP, MS-SSTP, L2TPv3 and EtherIP) are supported as VPN tunneling protocols. OpenVPN clones support out-of-date OpenVPN customers. IPv4 / IPv6 double stack. The VPN server runs on Windows, Linux, FreeBSD, Solaris and Mac OS X. Set up all settings on GUI. Multilingual (English, Japanese and simplified Chinese). Memory leaks don't happen. High-quality stable codes designed for long-term launches. We always make sure that there are no memory leaks or resources before the build is released. RADIUS/NT Domain User Authentication Features RSA's Authentication Certificate Deep-inspect Registration Package features The Source IP Address Management feature syslog transfer more details in the specification. The virtualization of Ethernet devices is the key to the SoftEther VPN architecture. SoftEther VPN virtualizes Ethernet devices in order to implement a flexible virtual private network for both remote VPN access and VPN from site to site. SoftEther VPN implements the virtual network adapter program as the software of the traditional Ethernet network adapter. SoftEther VPN implements the Virtual Ethernet Switch (called Virtual Hub) as a traditional Ethernet switch, imitated by software. SoftEther VPN implements VPN Session as an Ethernet software cable between network adapter and switch. You can create one or more virtual hubs with SoftEther VPN on your server computer. This server computer will become a VPN server that accepts VPN requests from VPN client computers. You can create one or more virtual network adapters with SoftEther VPN on your client computer. This client computer will become a VPN client that installs VPN connections with a Virtual Hub on a VPN server. You can set UP VPN sessions, as it's called VPN tunnels, between VPN clients and VPN servers. A VPN session is a virtualized network cable. The VPN session is implemented through the TCP/IP connection. Signals through a VPN session are encrypted by SSL. Such You can safely install a VPN session outside the Internet. The VPN session is installed by SoftEther VPN technology over https. This means that SoftEther VPN can create a VPN connection connection all kinds of firewalls and NATs. The virtual hub has an FDB (re-framing database) to optimize Ethernet personnel transfers. You can identify the local bridge between the virtual hub and the existing ethernet physical segment using the Local Bridge feature. Local Bridge exchanges packages between the physical Ethernet adapter and the virtual hub. You can implement remote VPN access from your home or mobile phone to the company's network using the Local Bridge feature. You can identify a cascading connection between two or more remote virtual hubs. You can integrate two or more remote Ethernet segments into one Ethernet segment with cascading. For example, after cascading links between site A, B and C, then any computers on Site A will be able to communicate with computers on site B and on site C. This is a VPN from site to site. SoftEther VPN can also install a VPN session over UDP. UDP-mode SoftEther VPN supports the passage of NAT. The NAT bypass allows the VPN server behind existing NATs or firewalls to receive incoming VPN sessions. You don't need special permission from a network administrator before setting up a VPN server on the company's network behind firewalls or NATs. In addition, SoftEther VPN Server can be placed in a dynamic IP address environment, as SoftEther VPNs anywhere and at any time, despite firewalls or batch filters on Wi-Fi or a foreign provider. Windows RT is also supported. SoftEther VPN Server supports additional VPN protocols, including L2TP/IPsec, OpenVPN, Microsoft SSTP, L2TPv3 and EtherIP. They implement compatibility with built-in L2TP/IPsec VPN customers on iPhone, iPad, Android, Windows and Mac OS X, as well as Cisco VPN routers and other VPN vendors. SoftEther VPN is an important infrastructure for building IT systems in businesses and small businesses. Make a special VPN made up of small computers with SoftEther VPN. Despite long-distance relationships, it is easy to communicate in mutual communication with any kind of LAN-oriented protocols. Geologically distributed branches are isolated as default networks. SoftEther VPN lays ethernet virtual cables between all branches. All computers of all branches are then connected to a single network. Do employees need to connect to the company's network from outside or at home? Remote Access VPN will implement a virtual network cable from the customer's computer to LAN from anywhere and at any time. SoftEther VPN can create a flexible and reliable virtual network around the clouds. Amazon EC2, Windows Azure and most other clouds support SoftEther VPN. Your desktop or laptop pc can join the Cloud VM network. You can use Cloud VM as Would it be on your own local network easily. Your cloud VM can join your COMPANY LAN with SoftEther VPN. Vpn. your company can access Cloud VM without any settings. SoftEther VPN saves the Ethernet virtual line from the cloud to LAN 24h/365d. You can view the remote private Cloud network as part of the corporate network. Do you use Amazon EC2 and Windows Azure, or use two or more remote cloud service data centers? SoftEther VPN can make a single network between all cloud VMs, despite differences in physical locations. SoftEther VPN supports several mobile devices, including iPhone and Android. Your smartphone is now part of your on-premise or Cloud network using SoftEther VPN. iPhone and Android has a built-in VPN client, but initially they need Cisco, Juniper or other expensive hardware VPNs for remote access. The SoftEther VPN has the same Cisco feature, and supports your iPhone and Android easily. Your Windows or Mac mobile PCs can be easily connected to SoftEther VPNs anywhere and at any time, despite firewalls or batch filters on Wi-Fi or a foreign provider. Are your business person and work all over the world? Most Wi-Fi and local providers from several countries experience difficulty using it due to packet filtering or censorship. So set up your private relay server on your own home computer and use it from the fields to get ease. Your network administrator is hesitant to assign you IP address? Or does your company have a firewall on the border between private network and the Internet? No problem! SoftEther VPN has a strong function to penetrate troublesome corporate firewalls. Unlike heritage VPN, even if your corporate network doesn't have any static global IP address, you can set up your stable SoftEther VPN server on the corporate network. If the enterprise firewall is more limited and the NAT Traversal SoftEther VPN doesn't work properly, use a Azure VPN to infiltrate such a firewall. IPsec-based VPN protocols developed in the 1990s are out of date. IPsec-based VPNs are not familiar with most firewalls, NATs, or proxies. Unlike IPsec-based VPNs, SoftEther VPN is familiar with any firewalls. In addition, The SoftEther VPN does not require expensive Cisco or other hardware devices. You can replace your Cisco or OpenVPN with a SoftEther VPN today. Have you had a problem with outdated IPsec-based VPN products? Replace it with a SoftEther VPN. The SoftEther VPN protocol is based on HTTPS, so almost all types of firewalls will allow SoftEther VPN packages. Cisco, Juniper or other IPsec VPN hardware are expensive to set up and manage. They also cannot be used and compatibility with firewalls. Replace them with a SoftEther VPN. You can very easily replace because SoftEther VPN also has an L2TP/IPsec VPN function that is the same as Cisco's. Are you still using OpenVPN? SoftEther VPN has more features, better performance and simple customizable GUI-based management tools. SoftEther VPN also has openVPN Server cloning feature, so any OpenVPN customers, including iPhone and Android, can easily connect to SoftEther VPN. SoftEther VPN consists of three programs: VPN Client, VPN Server and VPN Bridge. SoftEther VPN Customer More Screenshots... SoftEther VPN Server Administrator Tool More Screenshots... Screenshots...