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How to Use the Auto-Generated OpenVPN Configuration Samples

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<< !! READ IT CAREFULLY BEFORE YOU USE !! >>

* 1. About Files

When you open the ZIP archive, the following files with the structured-directory will be expanded.

Extract there files including sub-directory structure toward any destination directory, and use parts according to your necessary.

< The Configuration File for L3 (IP Routing) >

openvpn_remote_access_l3.ovpn

< The Configuration File for L2 (Ethernet Bridging) >

openvpn_site_to_site_bridge_l2.ovpn

The extension ".ovpn" means a configuration file. You can specify the configuration file into OpenVPN to initiate a VPN connection.

* 2. How Different between L3 and L2?

Use L3 (IP Routing) if you want to install OpenVPN on the normal computer (for example, a lap top PC), and make it connect to PacketiX VPN Server or SoftEther VPN Server for the purpose of establishing a "Remote-Access VPN Connection" . In this case, the IP address will be assigned on the virtual network adapter of OpenVPN automatically when the OpenVPN will connect to the Virtual HUB on the VPN Server successfully and request an IP address and other network parameters (e.g. DNS server address).

In other hand, if you want to build a "Site-to-Site VPN Connection" , use L2 (Ethernet Bridging) for OpenVPN on the computer which is set up on the remote place for bridging. No IP-specific treatment will be done. All Ethernet packets (MAC frames) will exchanged transparently between two or more sites. Any computers or network equipments (e.g. routers) will be able to communicate to other sites mutually.

VPN Server will treat a virtual VPN session from L3-mode OpenVPN as a "VPN Client" session.

VPN Server will treat a virtual VPN session from L2-mode OpenVPN as a "VPN Bridge" session.

* 3. How to Specify the Username and Password?

The prompt of username and password will be shown when you try to use this configuration. You have to enter the same username and password which has already been defined on the Virtual HUB of VPN Server.

Please note that you have to create an user on the Virtual HUB in advance.

If there are two or more Virtual HUBs on the VPN Server, you have to specify the username as:

"Username@Virtual-HUB-Name"

or:

"Virtual-HUB-Name\Username"

to choose which Virtual HUB to be connected. You can also choose which Virtual HUB should be elected as a "Default HUB" when the specification of the name of Virtual HUB will be omitted.

Please be advised that you can make OpenVPN to enter the username and password automatically without showing a prompt. How to do it is described on the OpenVPN manual.

*** 4. About Protocol and Port Number**

Both TCP and UDP are available to connect to the VPN Server by OpenVPN.

If you use TCP, the port number is same as any of the "TCP Listener Port" on the VPN Server which is originally defined in order to accept inbound TCP-based VPN Client session.

If you use UDP, the port number must be one of UDP ports which are defined on the VPN Server configuration in advance. Do not confuse between TCP and UDP since they are not concerned mutually.

You can also specify the proxy-server address if the connection should be relayed by the proxy-server. Specify it on the configuration file.

*** 5. Closing**

OpenVPN is independent software from PacketiX VPN / SoftEther VPN.

It is an open-source application which was developed by third-party.

Refer to <http://openvpn.net/> if you need more how to use OpenVPN.