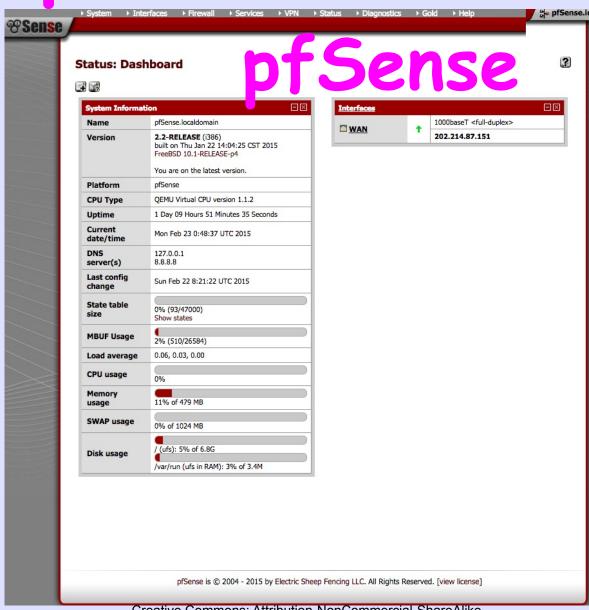
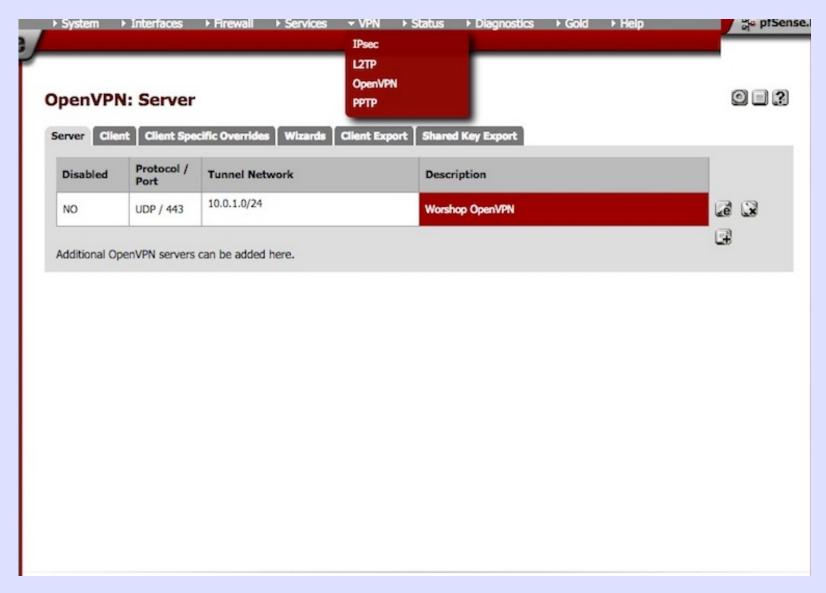
2-3-1 OpenVPN

PN Server Open



VPN Server



Configuration!

Seneral information	
Disabled	
Disabled	Disable this server Set this option to disable this server without removing it from the list.
Server Mode	Remote Access (SSL/TLS)
Protocol	UDP 🕤
Device Mode	tun
Interface	WAN O
Local port	443
Description	Worshop OpenVPN You may enter a description here for your reference (not parsed).
ryptographic Settings	
TLS Authentication	✓ Enable authentication of TLS packets.
	# 2048 bit OpenVPN static key # 2048 bit OpenVPN static key VI =================================
Peer Certificate Authority	OpenVPN Client CA
Peer Certificate Revocation List	No Certificate Revocation Lists (CRLs) defined. Create one under System > Cert Manager.
Server Certificate	Bogus OpenVPN (CA: OpenVPN Client CA) *In Use
OH Parameters Length	2048 bits
Encryption algorithm	BF-CBC (128-bit)
Auth Digest Algorithm	SHA1 (160-bit) NOTE: Leave this set to SHA1 unless all clients are set to match. SHA1 is the default for OpenVPN.
Hardware Crypto	No Hardware Crypto Acceleration
Certificate Depth	Two (Client-Intermediate-Server) When a certificate-based client logs in, do not accept certificates below this depth. Useful for denying certificates made with intermediate CAs generated from the same CA as the server.
unnel Settings	
IPv4 Tunnel Network	10.0.1.0/24 This is the IPv4 virtual network used for private communications between this server and client hosts expressed using CIDR (eg. 10.0.8.0/24). The first network address will be assigned to the server virtual interface. The remaining network addresses can optomally be assigned to connecting clients. (see Address Pool)
Pv6 Tunnel Network	This is the IPv6 virtual network used for private communications between this server and client hosts expressed using CIDR (eg. fe80::/64). The first network address will be assigned to the server virtual interface. The remaining network addresses can optionally be assigned to connecting clients. (see Address Pool and optionally be assigned to connecting clients. (see Address Pool and Po
Redirect Gateway	☑ Force all client generated traffic through the tunnel.
Concurrent connections	Specify the maximum number of clients allowed to concurrently connect to this server.
Compression	No Preference Compress tunnel packets using the LZO algorithm. Adaptive compression will dynamically disable compression for a period fitme if OpenVPN detects that the data in the packets is not being compressed efficiently.
Type-of-Service	Set the TOS IP header value of tunnel packets to match the encapsulated packet value.

2-3-1 OpenVPN

Select a Client

http://psg.com/1.html

OpenVPN Clients for Various Platforms

OpenVPN Community Client - Binaries for Windows, Source for other platforms.

OpenVPN For Android - Recommended client for Android

FEAT VPN For Android - For older versions of Android

OpenVPN Connect: Android (Google Play) or iOS (App Store) - Recommended client for iOS

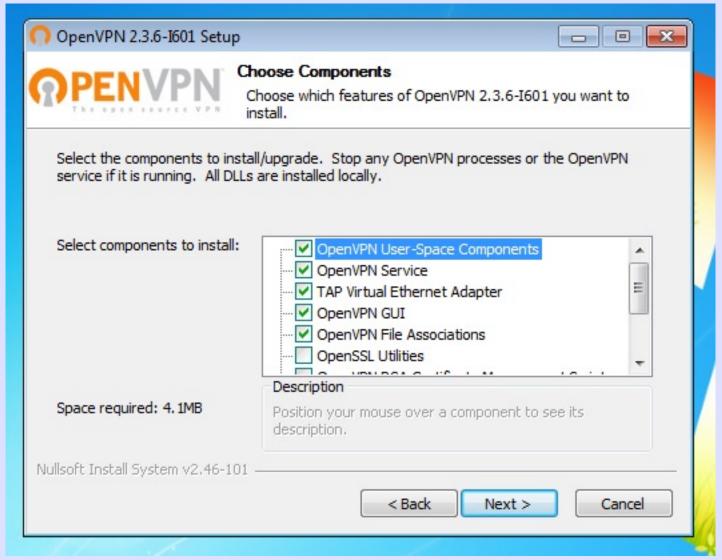
Viscosity - Recommended GUI client for Mac OSX \$\$

Tunnelblick - Free client for OSX

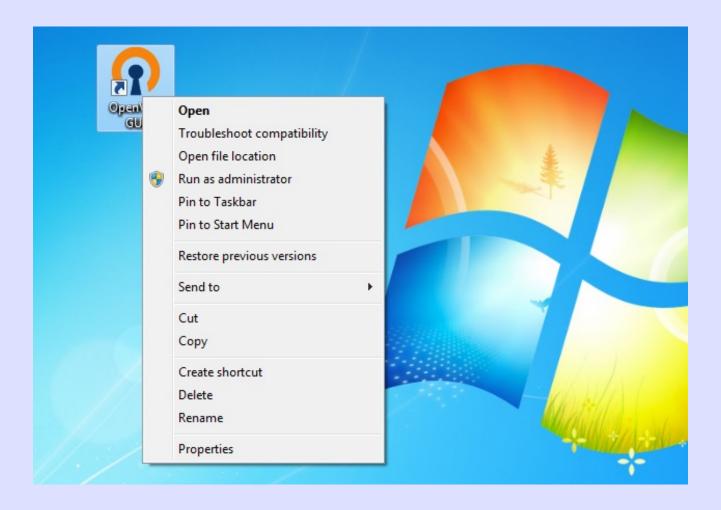
Download Installer



Run Installer



Set RunAsAdmin



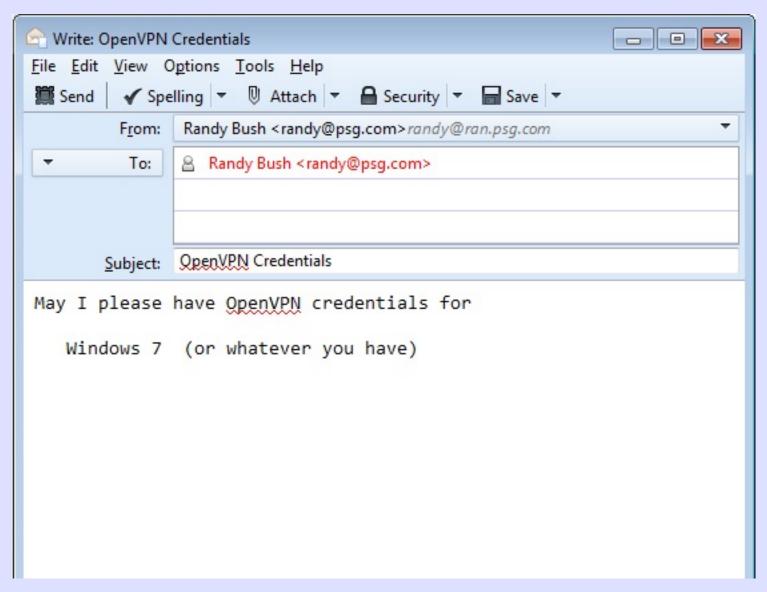
So Client Can Install Routes

Open GUI (invisible)



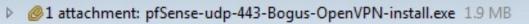
You Can Delete Installer

Ask For Credentials



Save Credentials







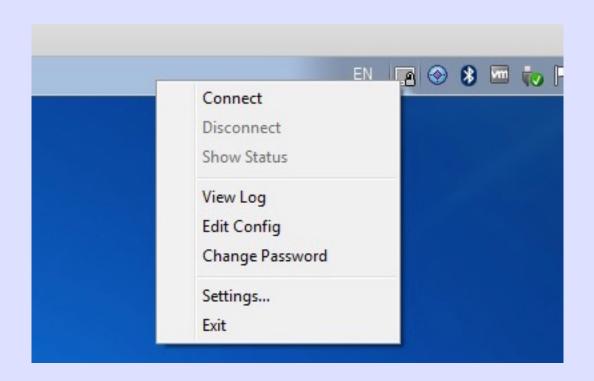
Execute Credential EXE



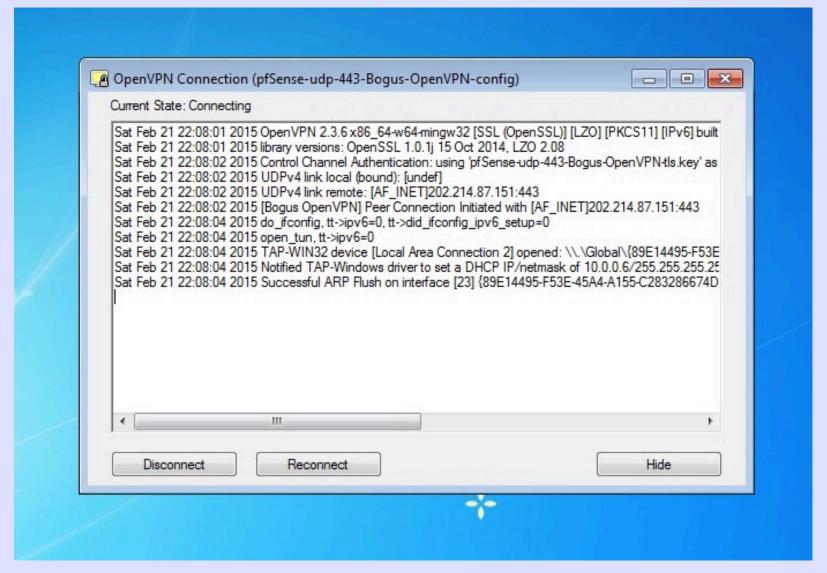
Install Credentials



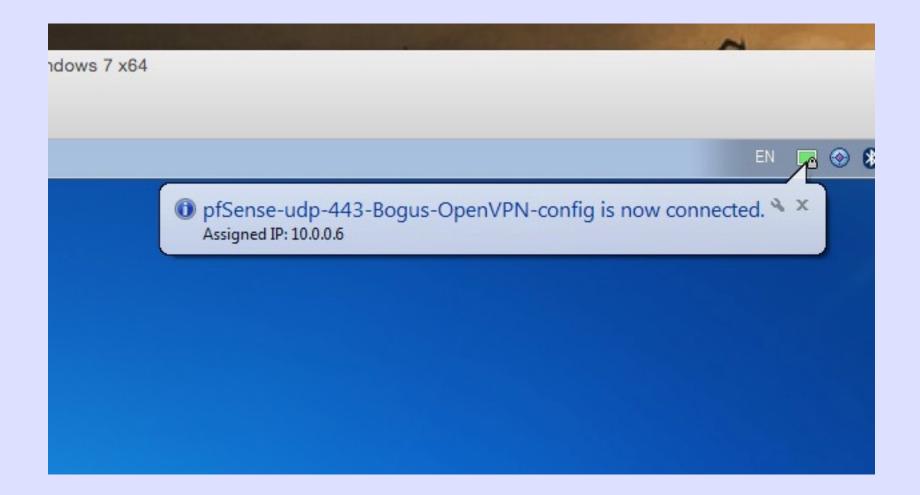
Connect



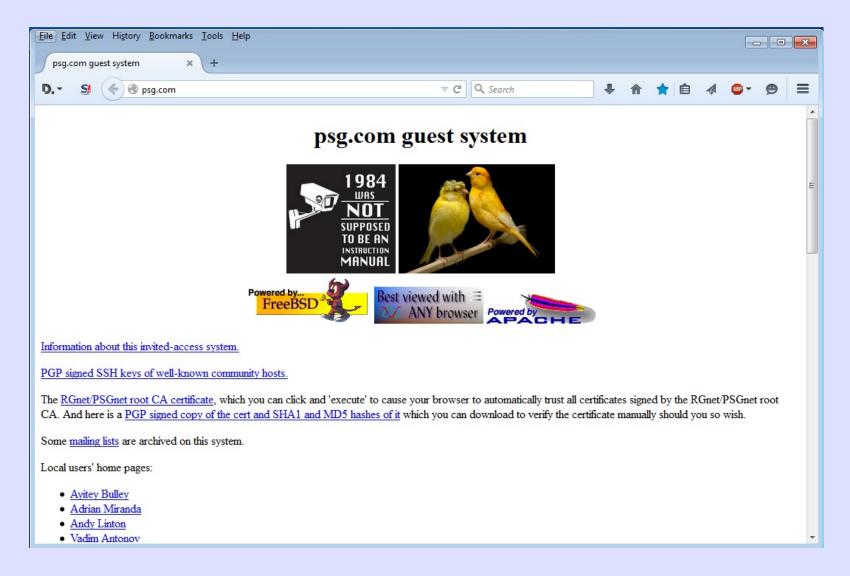
Connecting



You're Connected!



Try It - Browse



But How Do You Know It Works?

Is your traffic encrypted?

The WireShark lab will teach you how to look at the packets