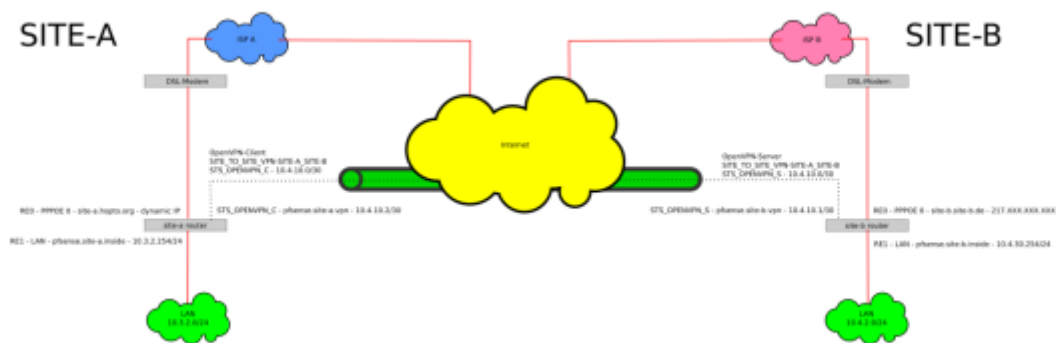


[openvpn](#), [pfsense](#), [sitetosite](#), [vpn](#), [apu1c4](#), [pcengines](#)

# simple site to site VPN with pfSense and OpenVPN

I just had to set up a simple site to site VPN between a site with a fixed IP (SITE-B) and a site with a dynamic IP (SITE-A). Both routers are running the 'Community Edition' of [pfSense](#) and are installed on [PC Engines APU.1C4](#). I have followed the documentation at [pfSense.org](#) about how to [configure a Site To Site VPN with OpenVPN](#) to get the VPN up and running. Because some things aren't documented there I will put up my own HowTo here. Please do yourself a favour and read the [documentation at pfsense.org](#) first because it explains things in more detail than I will do here.



This HowTo will guide you through the setup of:

- An IPv4 'Site To Site VPN' with [OpenVPN](#) on the pfSense platform (2.3.4 at time of writing) as seen in the schema above with the specific settings for the PC Engines APU hardware platform.
- The client will autoconnect to the server and (in the event of disconnection) reconnect automatically.
- The authentication between the client and the server will happen automatically via pre-shared key.

## Sources

- [pfsense.org - OpenVPN Site To Site](#)
- [The pfSense Book](#)

## Configure the OpenVPN server on SITE-B router

- Navigate to 'VPN - OpenVPN'

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