

# GOLDEN GATE COMPUTER SOCIETY

VPN

- ▶ There are so many acronyms across the internet realm that it's often hard to keep track. VPN, however, is one you should always remember. It stands for "virtual private network," and it has the power to change the way you work and communicate online.

<https://mic.com/articles/163070/what-is-a-vpn-and-why-should-you-use-one>

# WHAT IS A VPN, AND WHY SHOULD YOU USE ONE?

- ▶ Virtual private networks (VPNs) encrypt internet connections between two points, to secure them from casual snoopers and hackers. These VPN services are particularly useful when accessing the internet from an untrusted location, such as a hotel, café or coworking space.
- ▶ A plethora of modern VPN services, with dedicated connectivity apps, have put an end to the maddening manual configuration VPNs once required. No two VPN offerings are alike, however, and it can be a challenge to find the right VPN. Here's a look at some of the top VPNs for privacy and security.

<http://flip.it/v.YK1E>

# TOP 5 VPN SERVICES FOR PERSONAL PRIVACY AND SECURITY



- ▶ I hope you decide to use a VPN on your portable devices as a minimum. Well worth it when traveling.
- ▶ A couple of tips based on my own experiences and from setting up home office networks for many people over the years.
- ▶ I use Hotspot Shield (<https://www.hotspotshield.com/>) for my tablet, phone and laptop. These are the devices I take with me when I travel and/or away from home. There is a "free" version but it comes with ads, of course. There is a paid version (Elite) no ads and has other nice features. I use the Elite version on all my devices. In fact, the Elite version let's you install it on more than 1 device, if I remember right.
- ▶ I was using SaferWeb (<https://www.saferweb.com/>)for my desktop but had some issues with it so I no longer use it. But it did have some very nice features and was easy to setup. Expensive.

## MORE ABOUT VPN SERVICES

- ▶ Easy to setup but don't necessarily go for all the extra apps they'll want you to use as well. Check them out before you install/use them. Some of them are just a pain in the ass and not worth the trouble plus they have a slow down affect on your phone or tablet.
- ▶ I use ESET Smart Security (<https://www.eset.com/us/>) on my desktop and laptop. I use Lookout Mobile Security for my tablet and phone.

## MORE INFORMATION

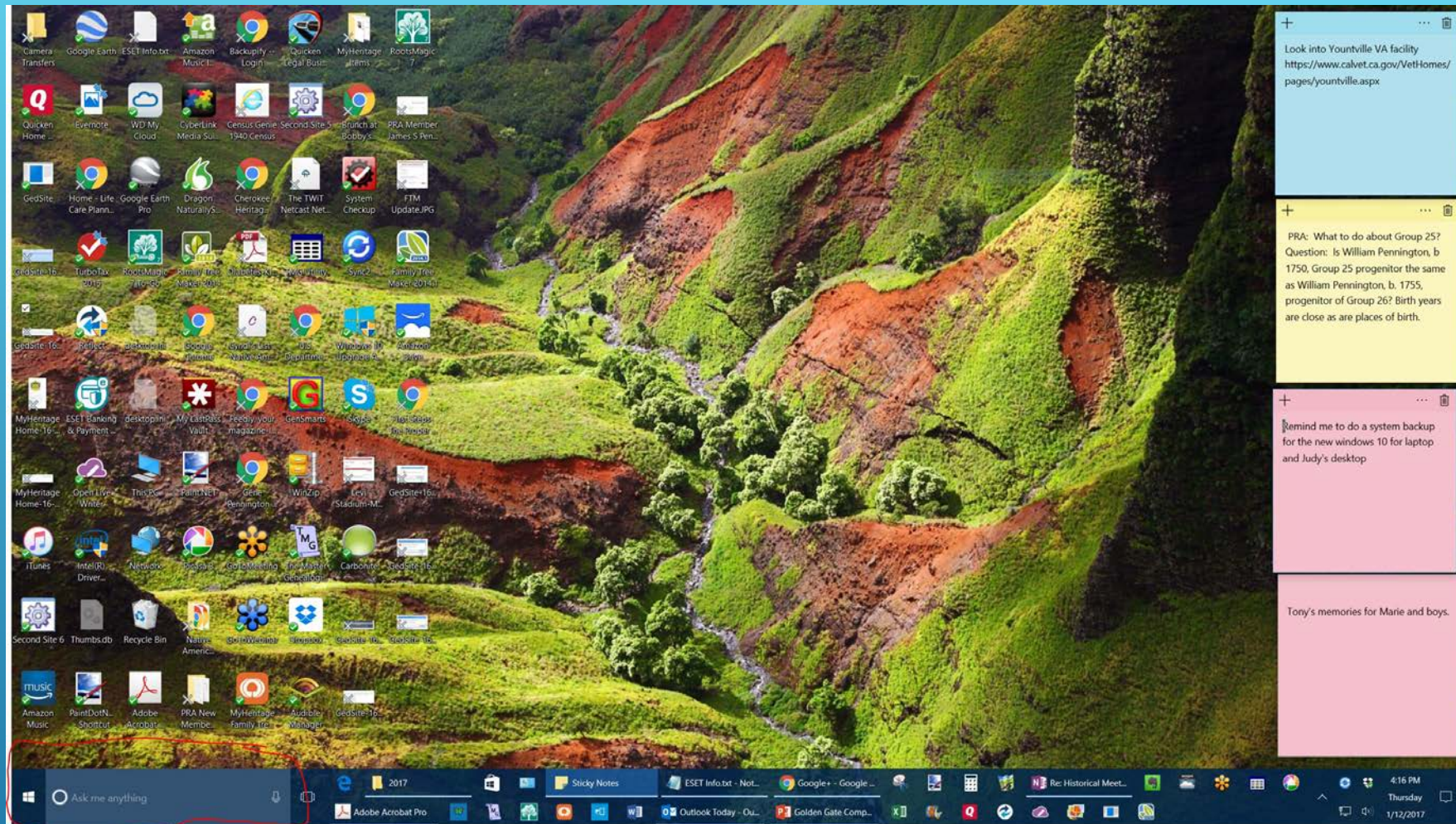
- ▶ My home network (wired and wireless), has a router with it's own firewall. All the home networks (private and for guests) are locked down with a password. Be sure to change the user name and password that comes with a router (or modem) from the factory or installed by your Internet Service Provider. Those user names and passwords are well known to the public and especially to hackers.
- ▶ In addition, I use the firewall that ESET Smart Security has built into it. Lookout Mobile Security does not have a built-in firewall but Windows 10 does and Android has a system function which acts something like a firewall.

## MORE INFORMATION

- ▶ I use LastPass as my password manager. It is outstanding. They have a free version (with ads) and a paid version (no ads plus extra features). I highly recommend LastPass ([www.lastpass.com](http://www.lastpass.com)).
- ▶ Be sure to UPDATE your security software regularly. Check the software and set it to auto update on a regular basis. Daily as a minimum.
- ▶ Also be sure you update your firewall software as needed and it is set to auto update.
- ▶ Also be sure to update your operating system at least once a week.

## MORE INFORMATION

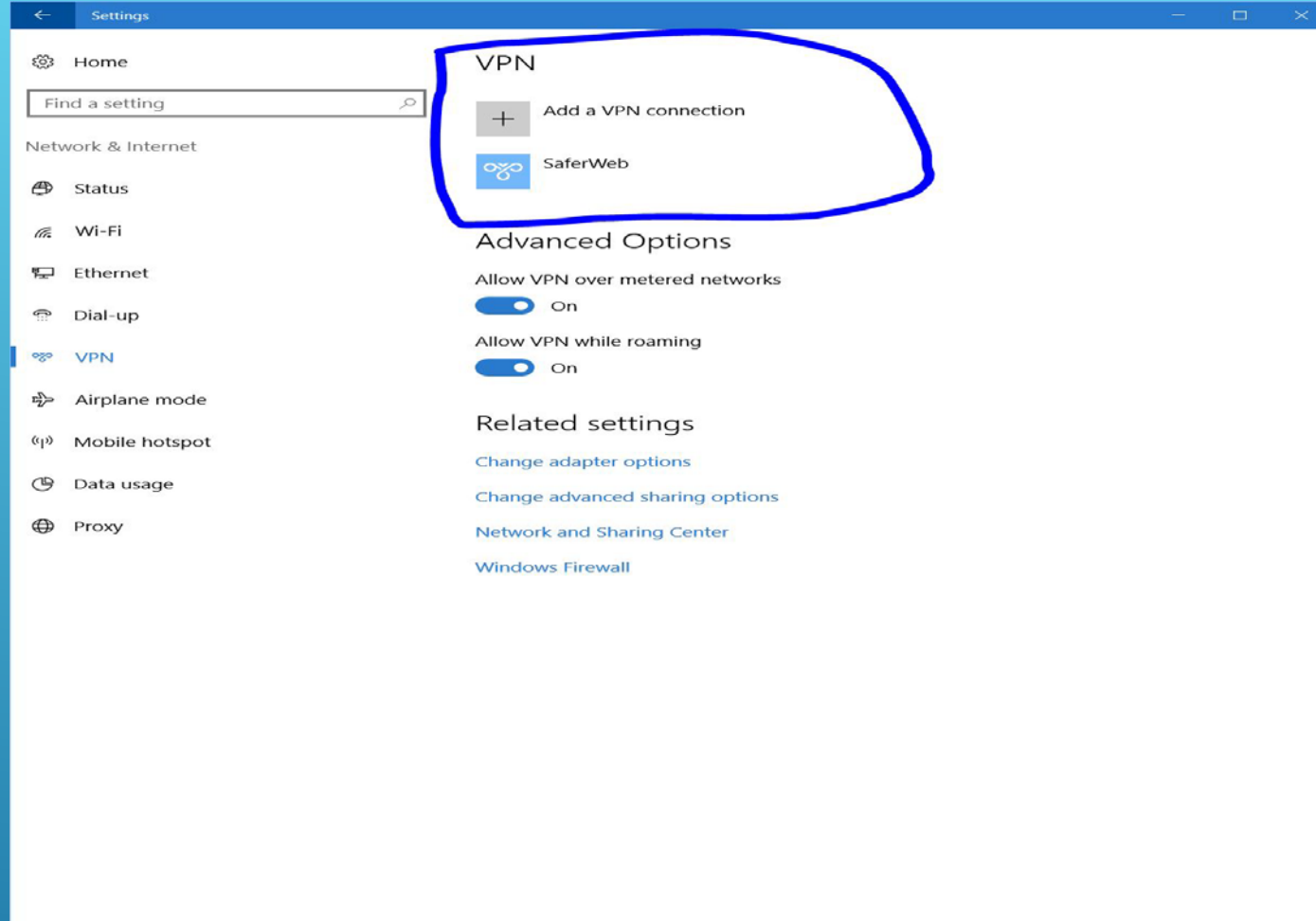




# VPN ON WINDOWS X ON WINDOWS X USE CORTANA (SEARCH) TO FIND INFORMATION ON VPN

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SELECT ADD A NEW VPN – SELECT  
YOUR VPN THAT YOU HAVE INSTALLED



ON MY LAPTOP I CAN PULL UP  
HOTSPOT SHIELD CONTROL PANEL



# OPTIONS FROM MAIN HOTSPOTSHIELD MENU