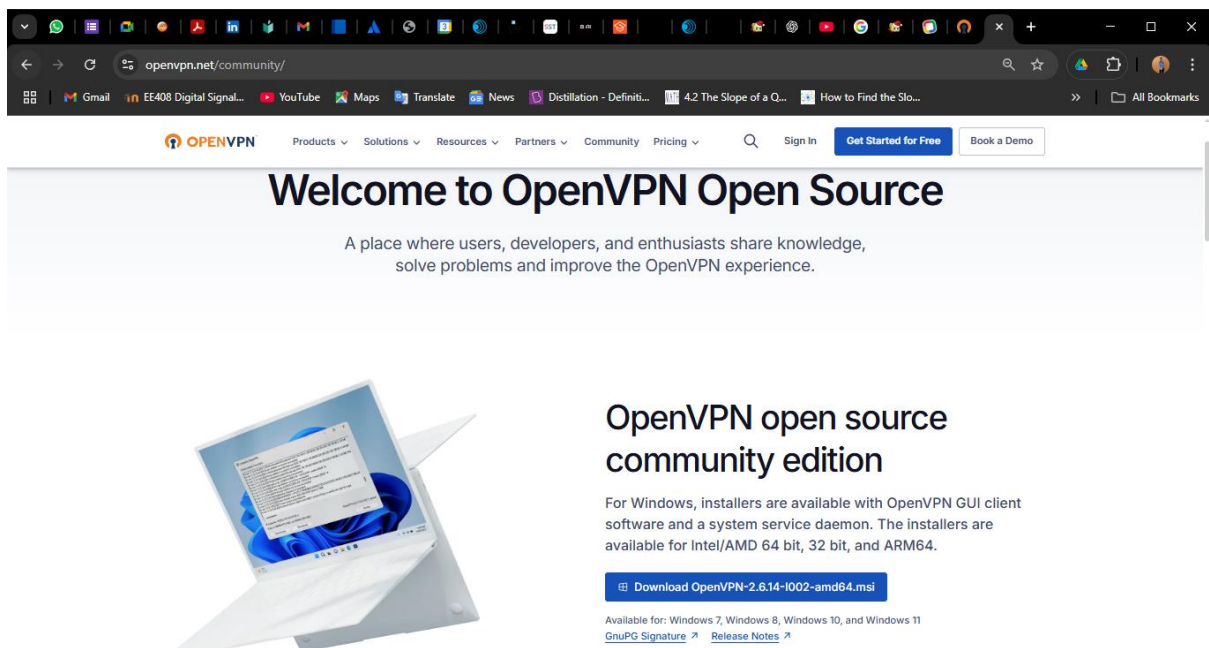
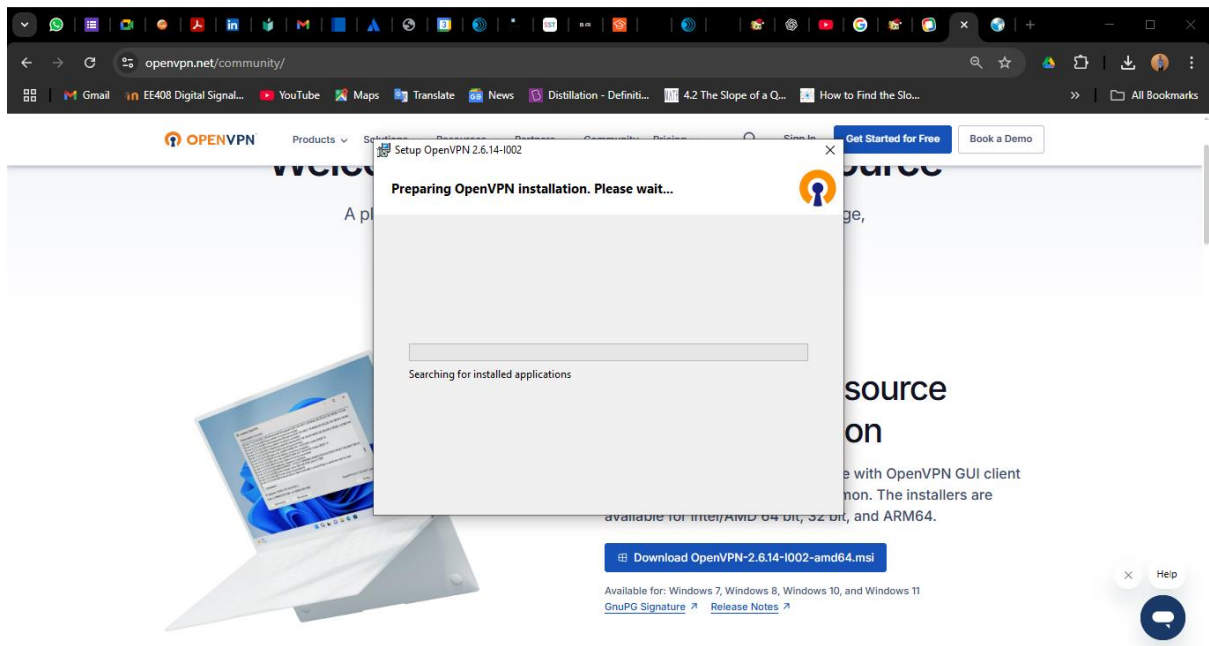


IJEI FUMNANYA CHUKWUMA DIVINE
CYBERSECURITY ASSIGNMENT 3
STEP-BY-STEP OBSERVATION AND RECORDING OF RESULTS
REGARDING IP ADDRESS CHANGE USING OPENVPN SOFTWARE

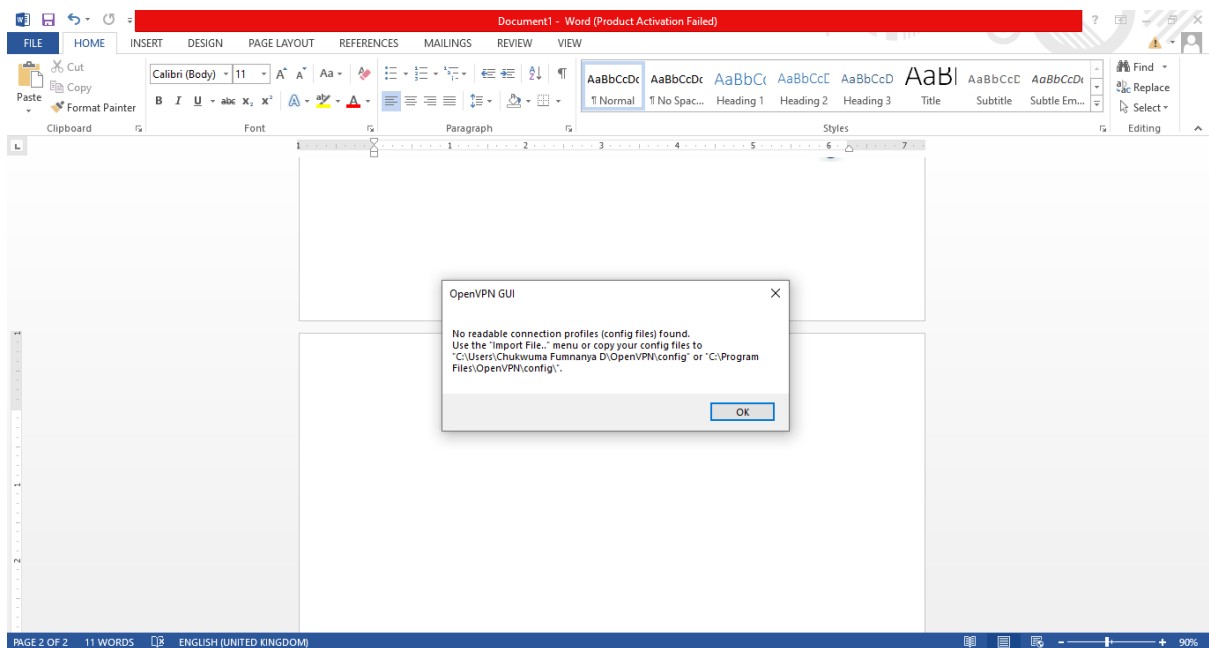
Download and Install OpenVPN

A screenshot of a web browser displaying the OpenVPN community website. The browser's address bar shows 'openvpn.net/community/'. The website has a navigation bar with links for Products, Solutions, Resources, Partners, Community, and Pricing. There are also buttons for 'Sign In', 'Get Started for Free', and 'Book a Demo'. The main heading reads 'Welcome to OpenVPN Open Source', followed by the tagline 'A place where users, developers, and enthusiasts share knowledge, solve problems and improve the OpenVPN experience.' Below this, there is an image of a laptop with a blue OpenVPN logo on its lid. To the right of the image, the text 'OpenVPN open source community edition' is displayed. Below this text, it states: 'For Windows, installers are available with OpenVPN GUI client software and a system service daemon. The installers are available for Intel/AMD 64 bit, 32 bit, and ARM64.' A blue button labeled 'Download OpenVPN-2.6.14-1002-amd64.msi' is provided. At the bottom, it lists compatibility: 'Available for: Windows 7, Windows 8, Windows 10, and Windows 11' and includes links for 'GnuPG Signature' and 'Release Notes'.

Pre-Installation:



Post-Installation:



Obtaining VPN Config file

The screenshot shows the VPNBOOK website in a browser. The page has a dark header with the VPNBOOK logo and navigation links: VPNBook (news), Free VPN (accounts), Web Proxy (free), How-To (setup), Features (service), and Privacy (contact). Below the header, there are three main service tiles: 'PPTP and OpenVPN' with a 'No Registration Required' link, 'Unblock Websites' for anonymous surfing, and '100% Free' service. The 'Free OpenVPN and PPTP VPN' section is active, showing tabs for NEWS, PPTP, OpenVPN, and Outline VPN. The OpenVPN tab is selected, displaying text about the free OpenVPN account and a list of download links for various server bundles (CA149, DE20, FR200, PL134, UK205). To the right, there are sections for 'Euro VPN' and 'US & UK VPN'. At the bottom, an 'Ad closed by Google' message is visible.

VPNBOOK

VPNBook news | Free VPN accounts | Web Proxy free | How-To setup | Features service | Privacy contact

PPTP and OpenVPN
[No Registration Required!](#)

Unblock Websites
Surf the Web anonymously

100% Free
Why Pay For VPN Service Again?

Free OpenVPN and PPTP VPN
Choose your preferred VPN type below for access details. No registration or sign-up is required!

NEWS | PPTP | **OpenVPN** | Outline VPN

Free OpenVPN Account (Requires Download of the free opensource [OpenVPN Client](#). OpenVPN offers the best anonymity and is impossible to block by your government, school or Internet Service Provider.) - You should try all the profiles and see which provides the fastest and most stable speeds.

- Server: [Download CA149 Server OpenVPN Config Bundle](#)
- Server: [Download DE20 Server OpenVPN Config Bundle](#)
- Server: [Download FR200 Server OpenVPN Config Bundle](#)
- Server: [Download PL134 Server OpenVPN Config Bundle](#)
- Server: [Download UK205 Server OpenVPN Config Bundle](#)

• Following servers are optimized for fast web surfing; no p2p downloading

- Server: [Dowr](#)
- Server: [Dowr](#)
- Server: [Dowr](#)

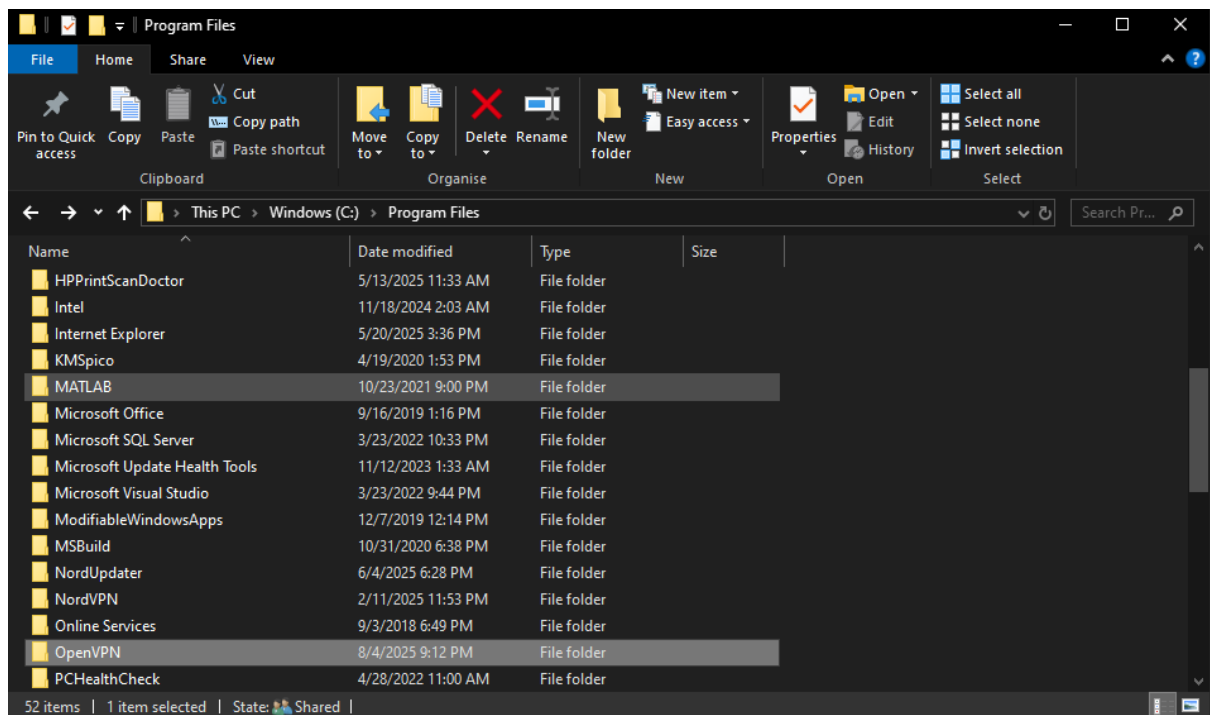
Euro VPN
Our free euro VPN servers are hosted in Romania, which is one of the best locations for privacy. Our euro VPN allows you to bypass ISP censorship and get unrestricted internet access.

US & UK VPN
Our free US & UK VPN allow you to watch programming such as Hulu and Netflix and access country restricted websites.

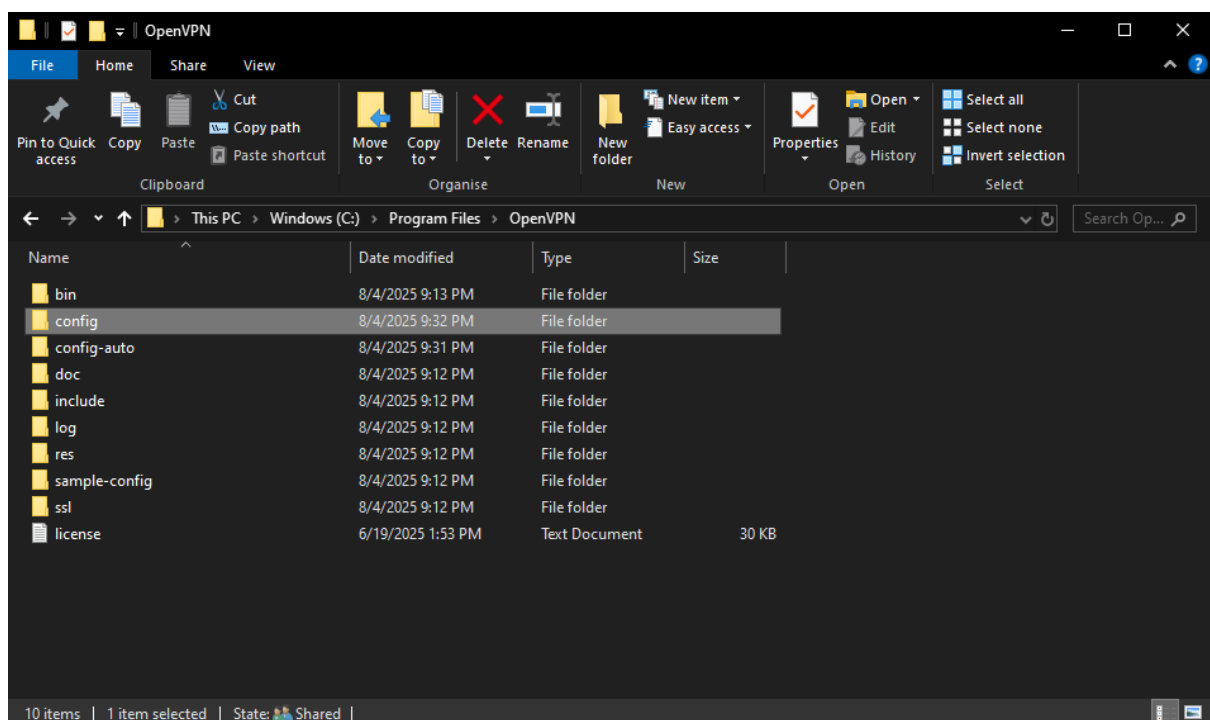
Ad closed by Google

Placing VPN Config. file in OpenVPN program file pathway

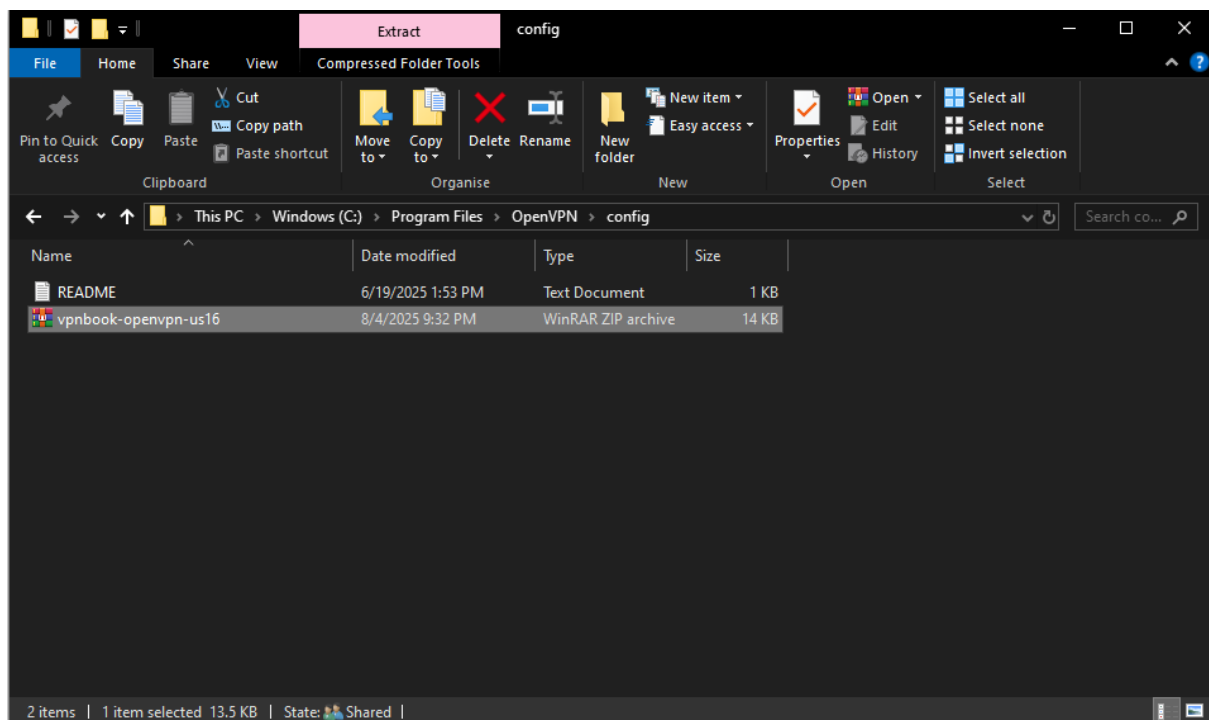
Step 1:



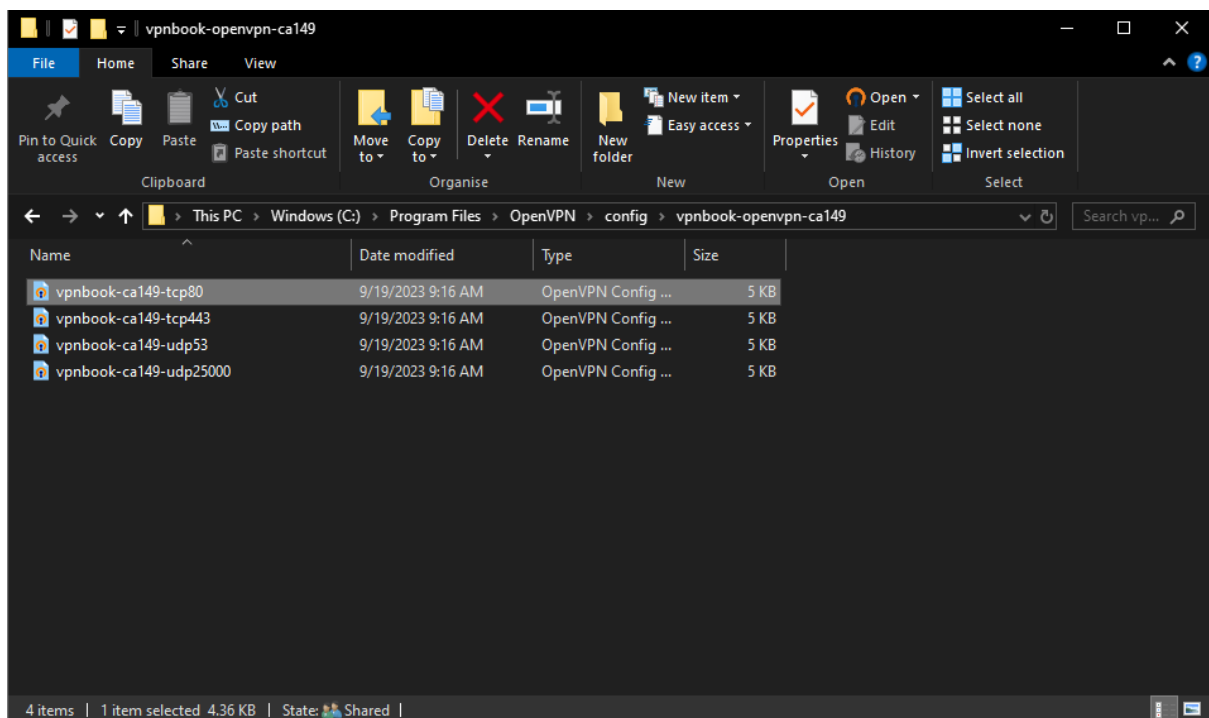
Step 2:



Step 3:

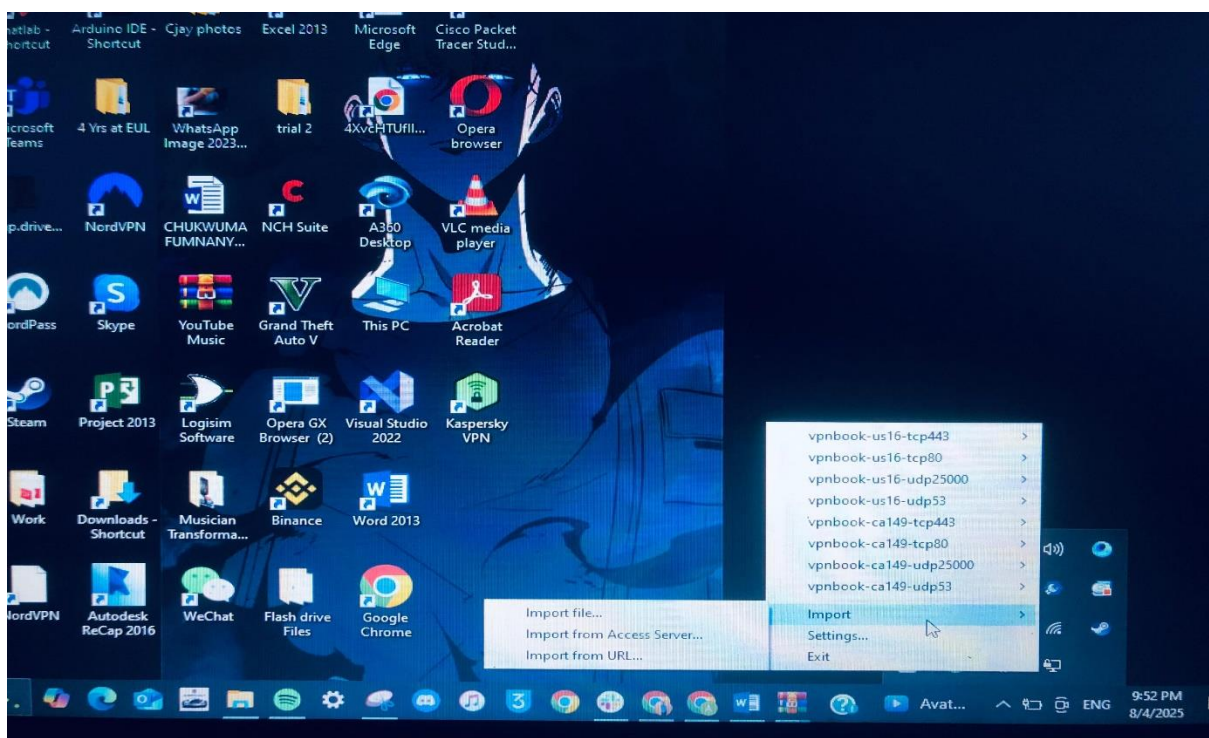
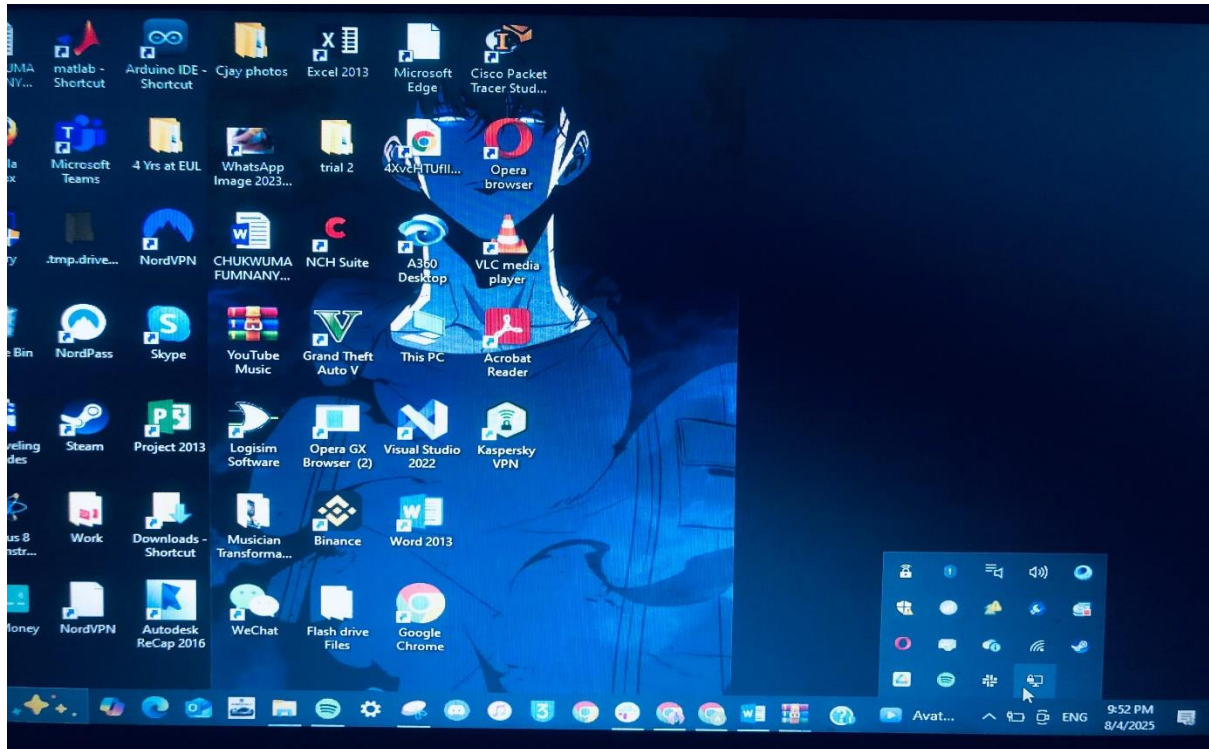


Step 4:

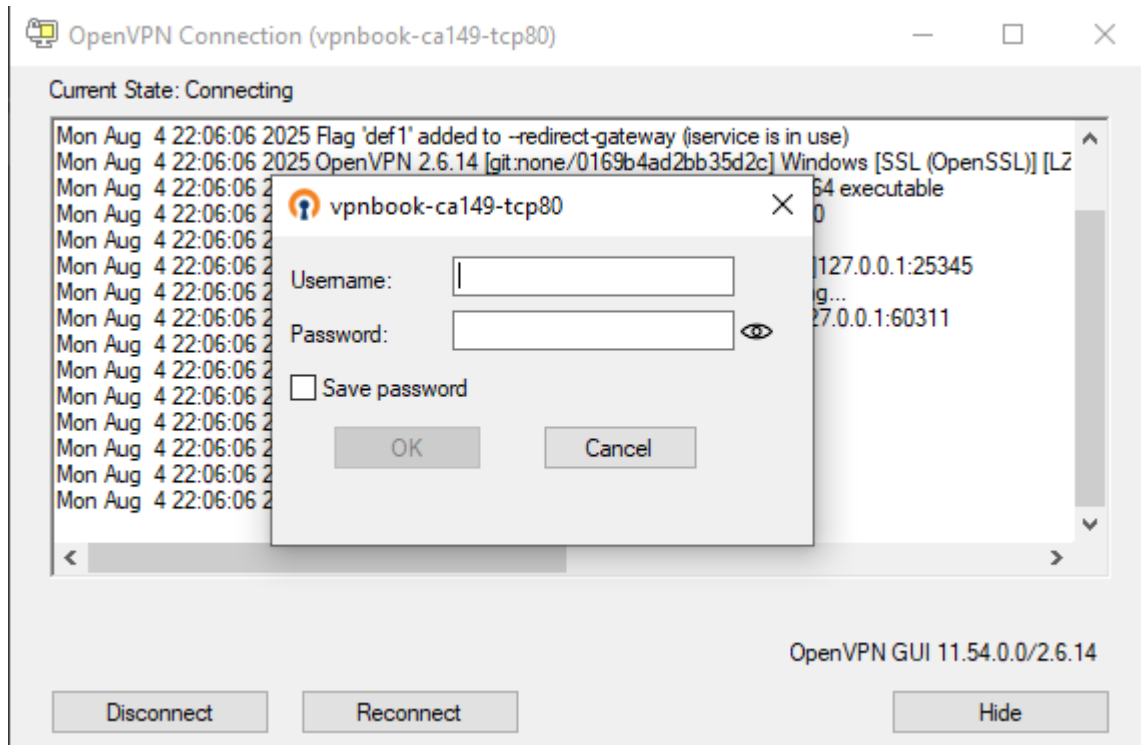


Launch and Connect:

Step 1:



Step 2:



- **Server:** [Download UK68 Server OpenVPN Config Bundle](#)
- All bundles include UDP53, UDP 25000, TCP 80, TCP 443 profile
- Username: vpnbook
- Password: 54ac423

This service is Advertisement and Donation based, if you enjoy this service, p

Verify Connection:

My Regular IP address (Before connection):

The screenshot shows the website 'WhatIsMyIPAddress.com' with the URL 'whatismyipaddress.com/location-feedback' in the browser's address bar. The page features a navigation bar with links: 'MY IP', 'IP LOOKUP', 'HIDE MY IP', 'VPNS', 'TOOLS', and 'LEARN'. A search bar is present with the placeholder text 'Enter Keywords or IP Address...'. The main content area displays a 'Satellite' map titled 'Location Map for 102.89.69.13'. The map shows the city of Lagos, Nigeria, with various districts labeled such as Abeokuta, Sagamu, Ikorodu, and Lagos. A sidebar on the left contains links: 'FIND MY CURRENT LOCATION', 'HOW TO CHECK IF MY PHONE IS', 'TRACK IP ADDRESS LOCATION', 'FIND WHO OWNS THIS NUMBER', 'FIND OWNER OF IP ADDRESS', 'FIND OWNER OF CELL NUMBER', and 'CHECK IF YOUR PHONE IS HACKED'. A sidebar on the right contains links: 'FIND MY CURRENT LOCATION', 'HOW TO CHECK IF MY PHONE IS', 'TRACK IP ADDRESS LOCATION', 'FIND WHO OWNS THIS NUMBER', 'FIND MY IP ADDRESS LOCATION', 'FIND OWNER OF IP ADDRESS', and 'FIND OWNER OF CELL NUMBER'. Below the map, the text 'Location Details for 102.89.69.13' is visible.

My NEW IP address (After connection):

The screenshot shows the website 'WhatIsMyIPAddress.com' with the URL 'whatismyipaddress.com/location-feedback' in the browser's address bar. The page features a navigation bar with links: 'MY IP', 'IP LOOKUP', 'HIDE MY IP', 'VPNS', 'TOOLS', and 'LEARN'. A search bar is present with the placeholder text 'Enter Keywords or IP Address...'. The main content area displays a 'Map' titled 'Geolocation Map for 147.135.37.178'. The map shows the city of Portland, Oregon, USA, with various districts labeled such as Astoria, Vancouver, Beaverton, and Salem. A sidebar on the left contains links: 'FIND MY CURRENT LOCATION', 'HOW TO CHECK IF MY PHONE IS', 'TRACK IP ADDRESS LOCATION', 'FIND WHO OWNS THIS NUMBER', 'FIND OWNER OF IP ADDRESS', 'FIND OWNER OF CELL NUMBER', and 'CHECK IF YOUR PHONE IS HACKED'. A sidebar on the right contains links: 'FIND MY CURRENT LOCATION', 'HOW TO CHECK IF MY PHONE IS', 'TRACK IP ADDRESS LOCATION', 'FIND WHO OWNS THIS NUMBER', 'FIND MY IP ADDRESS LOCATION', 'FIND OWNER OF IP ADDRESS', and 'FIND OWNER OF CELL NUMBER'. Below the map, the text 'Geolocation Details for 147 135 37 178' is visible.

VPN Server location used is the United States of America

Geolocation Details for 147.135.37.178

	W3C	IP2Location	MaxMind
Latitude		45.5229	45.526
Longitude		-122.989777	-122.9874
Accuracy (m)		25000	50000
Country		United States of America	United States
State/Region		Oregon	Oregon
City		Hillsboro	Hillsboro
Organization			
ISP		OVH US LLC	
Feedback	Select Accuracy ▼	Select Accuracy ▼	Select Accuracy ▼

UPDATE GEOLOCATION

Purpose /benefits of using the VPN are:

- Secure and private internet surfs.
- Strong encryption for your information shared across the internet.
- It masks your real IP address making your online activity harder to track.
- It provides a secure path for one to access private networks remotely.