# Task 8 : VPN Setup

Task 8: Identify and Remove Suspicious Browser Extensions (VPN Role Analysis)

Objective:

To understand and practically implement the use of VPNs for ensuring user privacy, secure browsing, and protection of data from surveillance and tracking.

Tool Used:

- ProtonVPN (Free Tier)

What is a VPN?

A Virtual Private Network (VPN) is a service that encrypts your internet connection and hides your IP address. This makes your online actions more private and secure, especially when using public Wi-Fi networks or accessing restricted content.

Steps to Setup ProtonVPN:

**Step 1: Visit https://protonvpn.com/ and click on 'Get ProtonVPN'.**


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## Step 2: Sign up for a free account and verify your email address.



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## Step 3: Download the ProtonVPN client for your operating system.



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## Step 4: Install and open the client, then log in using your credentials.



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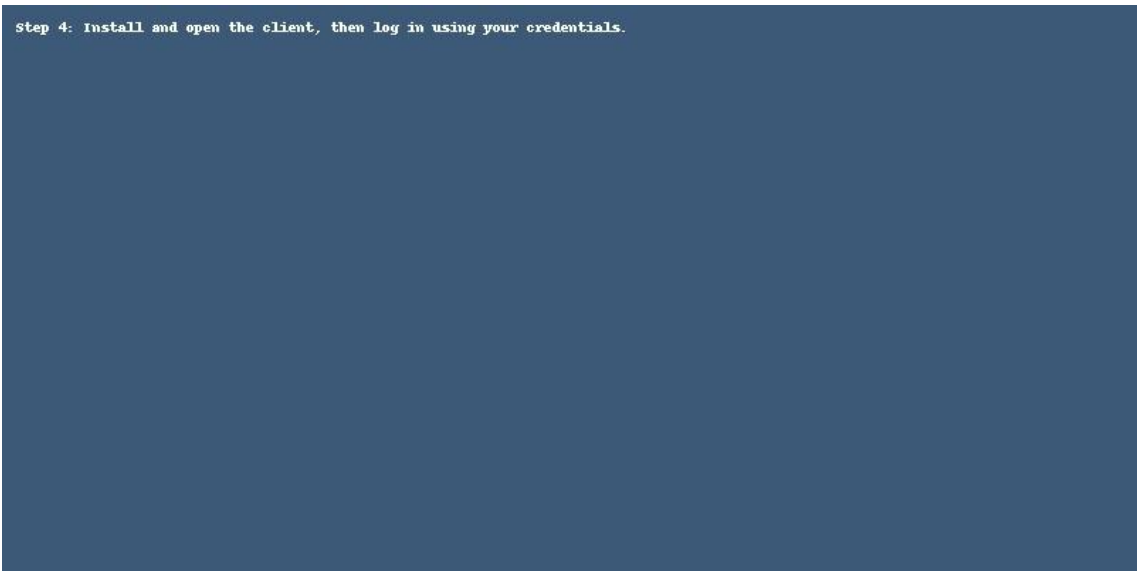
**Step 5: Select a free server (e.g., Netherlands) and click 'Connect'.**



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**Step 6: VPN is now connected. IP address is masked and traffic is encrypted.**



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Connection Confirmation:

Once connected, ProtonVPN assigns a new IP address and encrypts all your internet traffic, preventing third-party tracking.

Benefits of Using VPNs:

- Masks IP address and hides location.

- Encrypts data, ensuring confidentiality.

- Secures public Wi-Fi connections.

- Helps bypass geo-restrictions and censorship.


Conclusion:

By setting up and using ProtonVPN, users can greatly enhance their digital security and maintain online privacy, an essential skill in cybersecurity practices.