

VPN Setup & Privacy Lab Report

Internship: Cyber Security Virtual Internship

Task: VPN Installation, Configuration & Privacy Testing

1. Introduction

A VPN protects online privacy by encrypting traffic and hiding IP address.

2. Objective

Install and configure VPN, verify IP masking, test browsing, take screenshots.

3. Tools Used

- ProtonVPN Free
- Google Chrome
- whatismyipaddress.com

4. Steps

- Signed up and installed ProtonVPN
- Connected to VPN server
- Verified IP change
- Browsed securely
- Disconnected and restored IP

5. Observations

VPN encrypted traffic and masked real IP successfully.

6. Conclusion

VPN improves privacy & security.

Screenshots Provided in GitHub Repository.