VPN Privacy & Security Report (Using Windscribe)

For this task, I used Windscribe VPN (Free Tier) to explore how VPNs protect privacy and secure communication online.

Step-by-step Process:

1. I signed up for a free account on Windscribe and installed the VPN client on my computer.

2. Once installed, I connected using the 'Autopilot' mode, which automatically chose the best server.

3. After connecting, I visited whatismyipaddress.com to verify that my IP address had changed.

4. The website showed that my IP address now appeared to be from Hong Kong (IP: 146.70.250.22), instead of my actual location in Noida, India.

5. This confirmed that my traffic was being routed through an encrypted VPN tunnel, masking my real location.

6. I then disconnected the VPN and checked again-the IP reverted to my original Indian IP (27.56.159.139).

Benefits of Using a VPN:

- Encrypts your internet traffic to prevent tracking and spying.

- Masks your real IP address, protecting your identity online.

- Allows secure browsing, even on public Wi-Fi.

Limitations:

- Free VPNs usually offer limited data and fewer server choices.

- Speeds can be slower due to encryption and rerouting.

- Some websites may block VPN traffic.

Below are the screenshots that prove the successful connection and IP change.

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WhatIs MyIPAddress.com

Search for: Enter Keywords or IP Ad

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windscribe
ON 146.70.250.22
Autopilot

whatismyipaddress.com

2GB Left   UPGRADE

IP Details For: 146.70.250.22

Decimal:	2454125078
Hostname:	146.70.250.22
ASN:	9009
ISP:	M247 Europe SRL
Services:	VPN Server
Country:	Hong Kong
State/Region:	Hong Kong
City:	Hong Kong
Latitude:	22.2855 (22° 17′ 7.88″ N)
Longitude:	114.1577 (114° 9′ 27.69″ E)

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Latitude and Longitude are often near the center of population. These values are not precise enough to be used to identify a specific address, individual, or for legal purposes. IP data from IP2Location.

WhatIs MyIPAddress.com

Enter Keywords or IP Address...

Q Search

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IP Details For: 27.56.159.139

Decimal:	456695691
Hostname:	abts-north-dynamic-139.159.56.27.airtelbroadband.in
ASN:	24560
ISP:	Bharti Airtel Ltd.
Services:	None detected
Country:	India
State/Region:	Uttar Pradesh
City:	Noida
Latitude:	28.5799 (28° 34′ 47.61″ N)
Longitude:	77.3299 (77° 19′ 47.51″ E)

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