

Verified IP Address Change

To confirm the VPN was working, I visited:

whatismyipaddress.com

- **Before VPN:** My real Indian IP address

The screenshot shows the WhatIsMyIPAddress.com website interface. At the top, there is a search bar with the placeholder "Enter Keywords or IP Address..." and a "Search" button. Below the search bar are navigation links: ABOUT, PRESS, BLOG, SUPPORT, and LEARN. The main content area displays "IP Details For: 2405:201:5500:c8a7:34bf:9e31:52d2:dbba". The expanded IP address is 2405:201:5500:c8a7:34bf:9e31:52d2:dbba. The hostname is 2405:201:5500:c8a7:34bf:9e31:52d2:dbba. The ASN is 55836, ISP is Reliance Jio Infocomm Limited, Services are None detected, Country is India, State/Region is Jammu and Kashmir, City is Jammu, Latitude is [REDACTED], and Longitude is [REDACTED]. To the right of the details is a map of the northern Indian subcontinent, specifically focusing on Jammu and Kashmir, with a red dot indicating the location. A button labeled "CLICK TO CHECK BLACKLIST STATUS" is visible. A note at the bottom states: "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."

- **After VPN:** Displayed a United States-based IP

The screenshot shows the WhatIsMyIPAddress.com website interface. At the top, there is a search bar with the placeholder "Enter Keywords or IP Address..." and a "Search" button. Below the search bar are navigation links: ABOUT, PRESS, BLOG, SUPPORT, and LEARN. The main content area displays "IP Details For: 104.223.110.225". The decimal representation is 1759473377. The hostname is 104-223-110-225-host.colocrossing.com. The ASN is 36352, ISP is HostPapa, Services are Public Proxy Server, Country is United States, State/Region is California, City is Los Angeles, Latitude is 34.0526 (34° 3' 9.25" N), and Longitude is -118.2439 (118° 14' 38.05" W). To the right of the details is a map of the United States, with a red dot indicating the location. A button labeled "CLICK TO CHECK BLACKLIST STATUS" is visible. A note at the bottom states: "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."

This confirmed the VPN successfully masked my location.

Browsed Websites to Confirm Encrypted Traffic

After connecting:

- Visited Google, YouTube, and a few news websites
- Pages loaded normally
- No DNS leaks or security warnings

Windscribe uses **AES-256 encryption**, so all outgoing and incoming traffic was encrypted.

Disconnected and Compared Speed & IP

- Disconnected Windscribe
- Refreshed whatismyipaddress.com → my original Indian IP returned
- Browsing speed improved slightly after disconnecting (expected because VPN adds encryption overhead and server distance)

VPN Security Features

- AES-256 encryption
- OpenVPN, IKEv2, and WireGuard protocols
- DNS leak protection
- Built-in firewall
- Strict no-logs privacy policy

VPNs Protect Privacy

- Mask real IP address
- Prevent ISP from tracking browsing activity
- Encrypt internet traffic
- Secure data on public Wi-Fi
- Protect against man-in-the-middle attacks
- Reduce tracking by websites and advertisers

Benefits of Using a VPN

- Hides real IP address
- Protects data on public networks
- Prevents ISP tracking
- Bypasses geo-restrictions
- Adds an extra layer of privacy
- Windscribe's firewall stops accidental IP leaks
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Limitations of VPNs

- Free servers can be slow at peak times
- Limited monthly data (Windscribe gives 10 GB)
- VPN does not guarantee full anonymity
- Some services block VPN traffic
- High latency when connected to distant servers