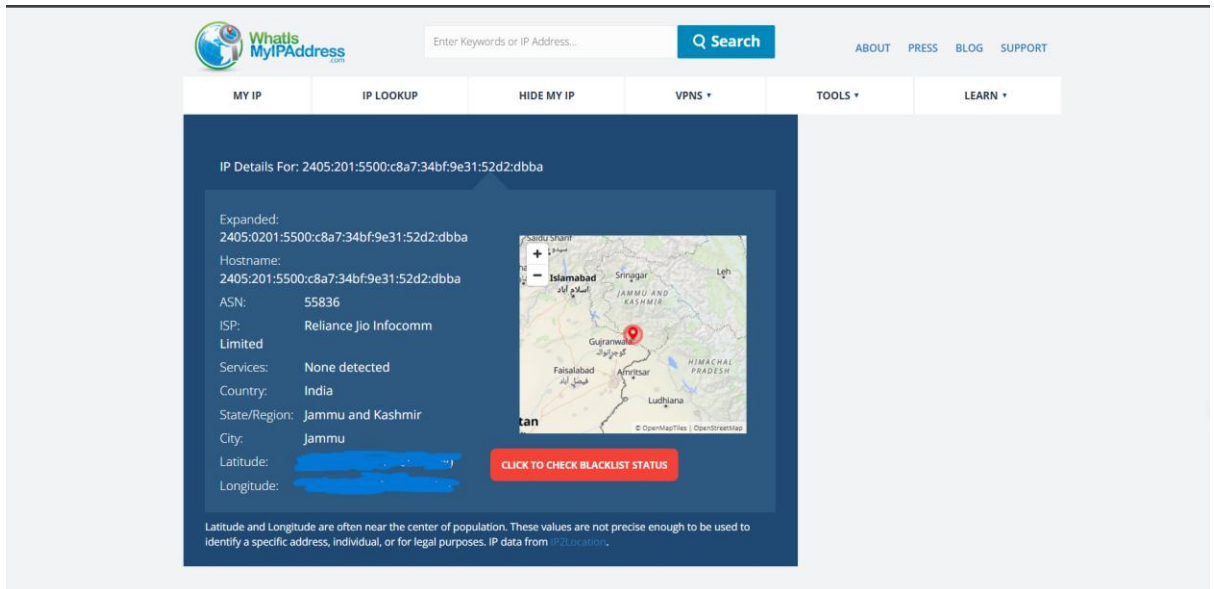


Verified IP Address Change

To confirm the VPN was working, I visited:

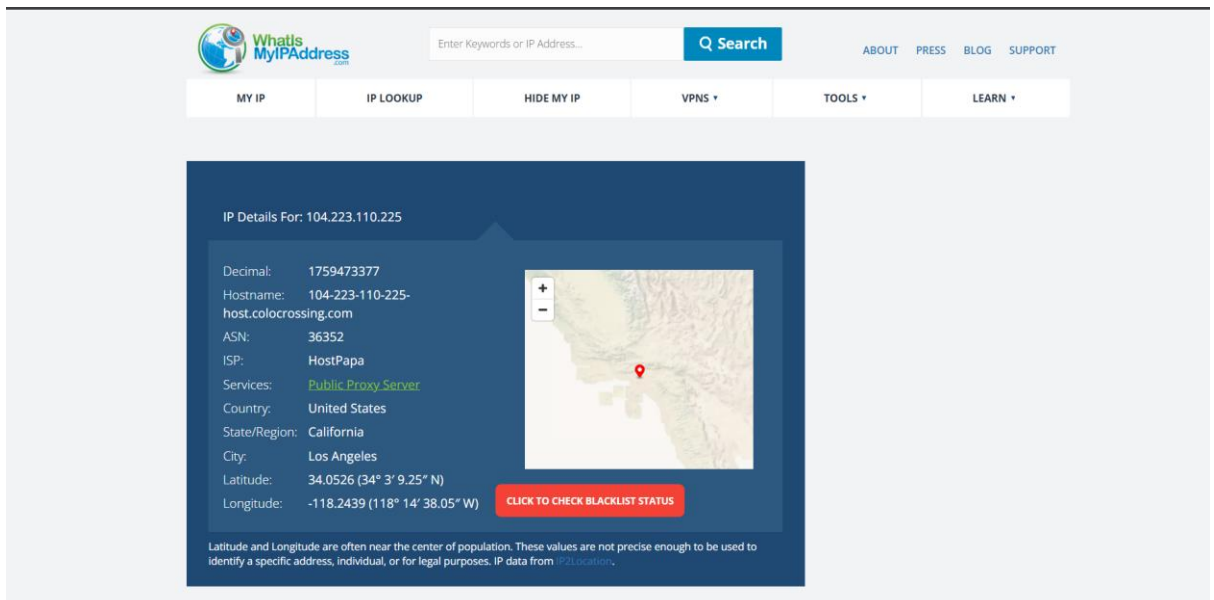
whatismyipaddress.com

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



The screenshot shows the WhatIsMyIPAddress.com website interface. The main content area displays IP details for the address 2405:201:5500:c8a7:34bf:9e31:52d2:dbba. The details include: Expanded: 2405:0201:5500:c8a7:34bf:9e31:52d2:dbba, Hostname: 2405:201:5500:c8a7:34bf:9e31:52d2:dbba, ASN: 55836, ISP: Reliance Jio Infocomm Limited, Services: None detected, Country: India, State/Region: Jammu and Kashmir, City: Jammu, Latitude: [redacted], and Longitude: [redacted]. A map on the right shows the location in Jammu and Kashmir, India. A red button labeled "CLICK TO CHECK BLACKLIST STATUS" is visible. The website header includes a search bar and navigation links: ABOUT, PRESS, BLOG, SUPPORT. The footer contains a disclaimer: "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. The main content area displays IP details for the address 104.223.110.225. The details include: Decimal: 1759473377, Hostname: 104-223-110-225-host.colocrossing.com, ASN: 36352, ISP: HostPapa, Services: Public Proxy Server, Country: United States, State/Region: California, City: Los Angeles, Latitude: 34.0526 (34° 3' 9.25" N), and Longitude: -118.2439 (118° 14' 38.05" W). A map on the right shows the location in Los Angeles, California, United States. A red button labeled "CLICK TO CHECK BLACKLIST STATUS" is visible. The website header includes a search bar and navigation links: ABOUT, PRESS, BLOG, SUPPORT. The footer contains a disclaimer: "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
-

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