# How to Set Up Mullvad VPN on Windows 11 for Maximum Anonymity and Privacy

DISCLAIMER: images will be in Spanish because my computer is in Spanish and I'm not changing my language for an assignment
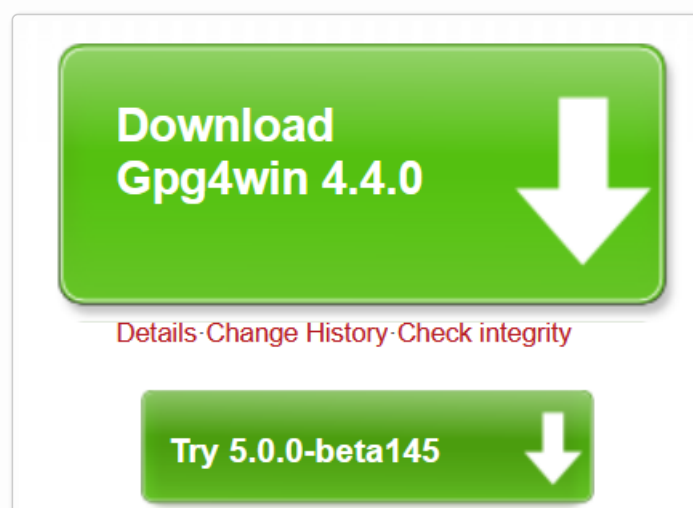
This guide will walk you through setting up Mullvad VPN on a Windows 11 machine with a very strong emphasis on **maximum anonymity and privacy**. You will verify the VPN software using **PGP signatures**, create an anonymous account, **pay with cryptocurrency**, and configure the app securely.

Step 1: Install GPG (Gpg4win)

```
Invoke-WebRequest -Uri "https://files.gpg4win.org/gpg4win-4.2.0.exe" -OutF
Start-Process .\gpg4win.exe
```
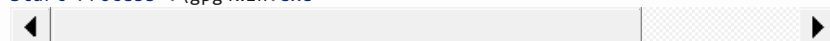
During install, ensure **Kleopatra** is selected.

Step 2: Download Mullvad Installer and Signature

```
Invoke-WebRequest -Uri "https://mullvad.net/en/download/app/exe/latest" -O
Invoke-WebRequest -Uri "https://mullvad.net/en/download/app/exe/latest/sig
```

Use **Tor** or **Brave** browser for better anonymity when downloading.

Step 3: Import Mullvad's Public PGP Key

```
Invoke-WebRequest -Uri "https://mullvad.net/media/mullvad-code-signing.asc
gpg --import mullvad.asc
gpg --fingerprint
```
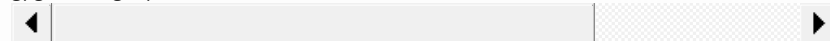
Verify the fingerprint against Mullvad's official key.

```
-----BEGIN PGP SIGNATURE-----

iQIzBAABCAAdFiEEyoOkYVO8WNaVGO1JomWB8hnIMUwFAmeswoMACgkQomWB8hnI
MUzaZhAAi5nAM/F43EAmOc0YKt1OYmarB1K6sdObckwIdDfHeeYhDeUQKYANZViz
C+AvX9nqhsahlkAYP9EPQXtnITPJUrAKm9UVABtY+Ar/N8LgC86SmiuPMLaplfFL
98mWhX4n6floeLbpOek3hzea2mRv3gwWzp7/upIovvRp+gXGvwKmFxvbCObOfSsZ
qoBI2oCSZVzjTX1LXG4ad2QN97+0hD1+EZs1Jo1hTOaiC4THxuxNXCpn5SrefJ2X
053QCsR7pLAoM/J0zmaQHWnAQe/W1SPxkp2fsjVlUpU8jZdhJ2RQ450bvGX6OC9S
q4mnXGsBbx4qOg1EjOMWZBLdnVP41sS7QtbuHr0rR8V7ctwxjfmqhngXUPFIS/QZ
xn2RgJtthhbD8wk/4l77NWx5uMeGln7YD+0GXEC7mHrQjzywBOTPPHVFKtM4NiNz
ErPQSyfcdNLLxY+ZsAjQUi4SYjeicsxPl0d5Y5TvjGFExIML9P7Wc3jQO6MSn7rn
99rJv39LiDWEacfRrtFYAGEsPsltLU+TLKE6XYzJKyqZxgI4cxtNs8XEppH7JVOq
wiaBE1KZSTKH1ogec+Gcl/pSzbLeZK2OiVKGMnamvzhoygUmZ37kzYv5J84qm9S8
q1ONA1k+QqRJ/hfAiO/ws/MuHbPYgstdVqlqY4PmNbbVqmTaCd4=
=ozYY
-----END PGP SIGNATURE-----
```

Step 4: Verify the Installer

```
gpg --verify MullvadVPN.exe.sig MullvadVPN.exe
```

Ensure the signature is **valid** and matches Mullvad's key.

```
PS C:\Users\mmayo> Invoke-WebRequest -Uri "https://mullvad.net/media/mullvad-code-signing.asc" -Ou
PS C:\Users\mmayo> gpg --import mullvad.asc
gpg: clave D5A1D4F266DE8DDF: clave pública "Mullvad (code signing) <admin@mullvad.net>" importada
gpg: Cantidad total procesada: 1
gpg:                importadas: 1
PS C:\Users\mmayo> gpg --fingerprint
[keyboxd]
---------
pub   ed25519 2025-02-27 [SC] [caduca: 2028-02-27]
      1742 E2DA 28E7 8540 07E5  35FD 5691 4840 08D5 6D7D
uid        [ absoluta ] DownwardDawg
sub   cv25519 2025-02-27 [E] [caduca: 2028-02-27]

pub   rsa2048 2022-07-23 [SC]
      3EC3 268B 2E46 1C88 C609  A4D3 C0AE 12E6 5293 786C
uid        [   total   ] drstix
sub   rsa2048 2022-07-23 [E]

pub   rsa4096 2016-10-27 [SC]
      A119 8702 FC3E 0A09 A9AE  5B75 D5A1 D4F2 66DE 8DDF
uid        [desconocida] Mullvad (code signing) <admin@mullvad.net>
sub   rsa4096 2016-10-27 [E]
sub   rsa4096 2016-10-27 [S]
```

Step 5: Create an Anonymous Mullvad Account

1. Visit mullvad.net using Tor.
2. Click **Generate Account**.
3. Save the **16-digit account number** securely.

1. Get an account number

Start by generating a random account number.

Generate account number

2. Add time to your account

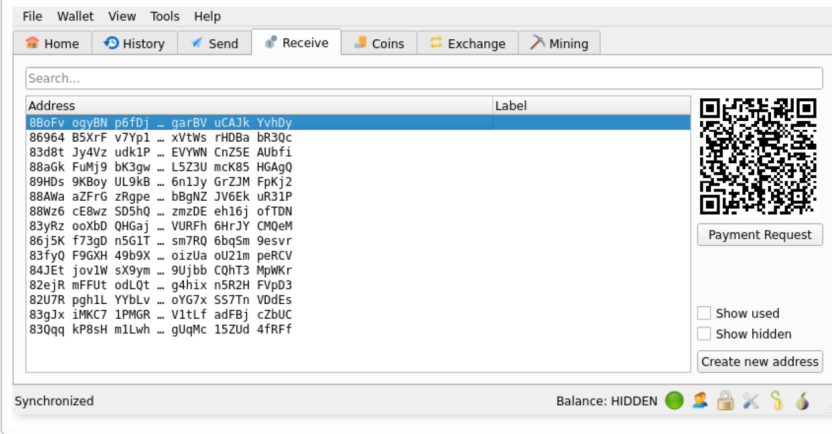## 3. Download the app

4. Follow our guides

Step 6: Pay with Cryptocurrency (Monero)

- Buy **Monero (XMR)** anonymously.
- Use **Feather Wallet**: https://featherwallet.org
- Send payment to the address provided by Mullvad.
- Wait for confirmation.

Feather is a free, open-source Monero wallet for Linux, Tails, Windows and macOS.
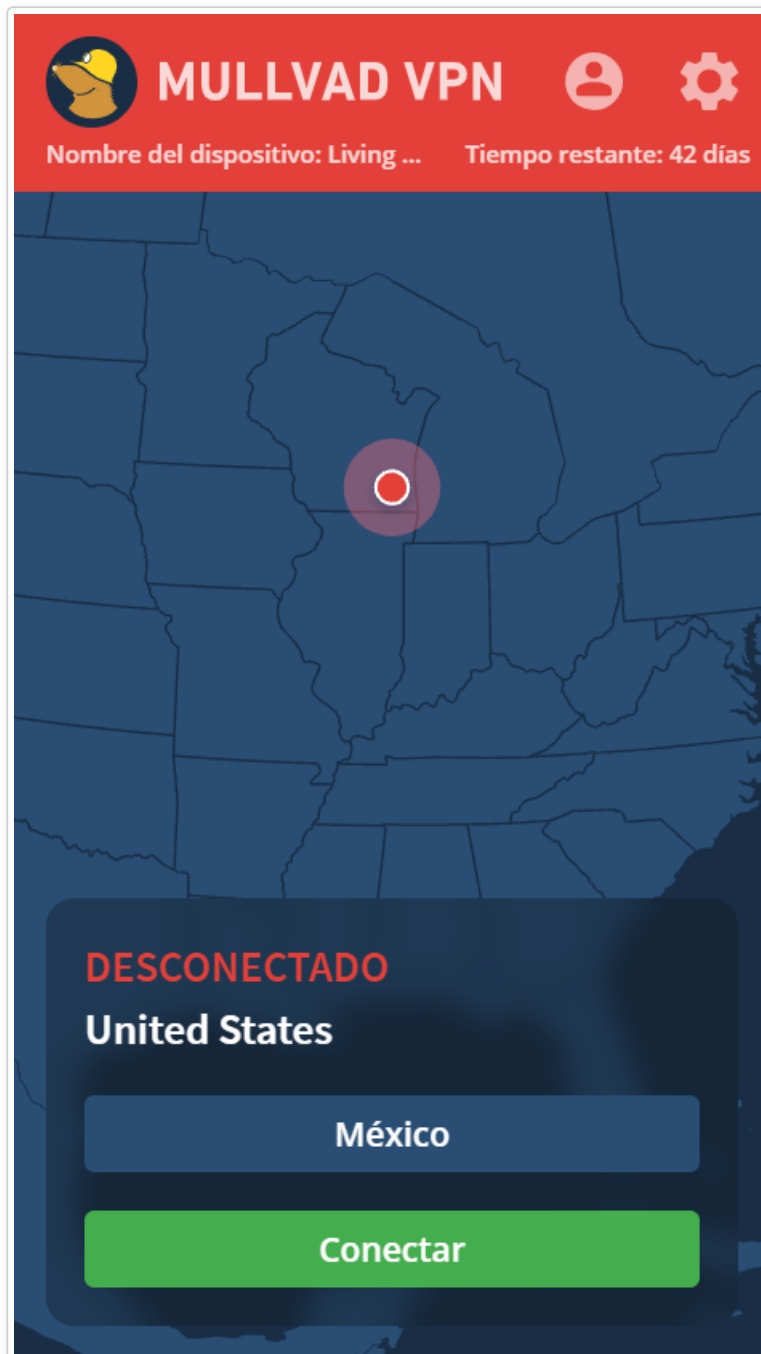
The source code is available at github.com/feather-wallet/feather.

| File | Wallet | View | Tools | Help |

🏠 Home   🔄 History   ✉ Send   🪙 Receive   🪙 Coins   🔁 Exchange   🏹 Mining

Search...

Address		Label
8BoFv ogyBN p6fDj … qarBV uCAJk YvhDy		
86964 B5XrF v7Yp1 … xVtWs rHDBa bR3Qc		
83d8t Jy4Vz udk1P … EVYWN CnZ5E AUbfi		
88aGk FuMj9 bK3gw … L5Z3U mcK85 HGAgQ		
89HDs 9KBoy UL9kB … 6n1Jy GrZJM FpKj2		
88AWa aZFrG zRgpe … bBgNZ JV6Ek uR31P		
88Wz6 cE8wz SD5hQ … zmzDE eh16j ofTDN		
83yRz ooXbD QHGaj … VURFh 6HrJY CMQeM		
86j5K f73gD n5G1T … sm7RQ 6bqSm 9esvr		
83fyQ F9GXH 49b9X … oizUa oU21m peRCV		
84JEt jov1W sX9ym … 9Ujbb CQhT3 MpWKr		
82ejR mFFUt odLQt … g4hix n5R2H FVpD3		
82U7R pgh1L YYbLv … oYG7x SS7Tn VDdEs		
83gJx iMKC7 1PMGR … V1tLf adFBj cZbUC		
83Qqq kP8sH m1Lwh … gUqMc 15ZUd 4fRFf		

Payment Request

☐ Show used
☐ Show hidden

Create new address

Synchronized   Balance: HIDDEN 🟢 👤 🔒 ⚒ 🔑 🔥
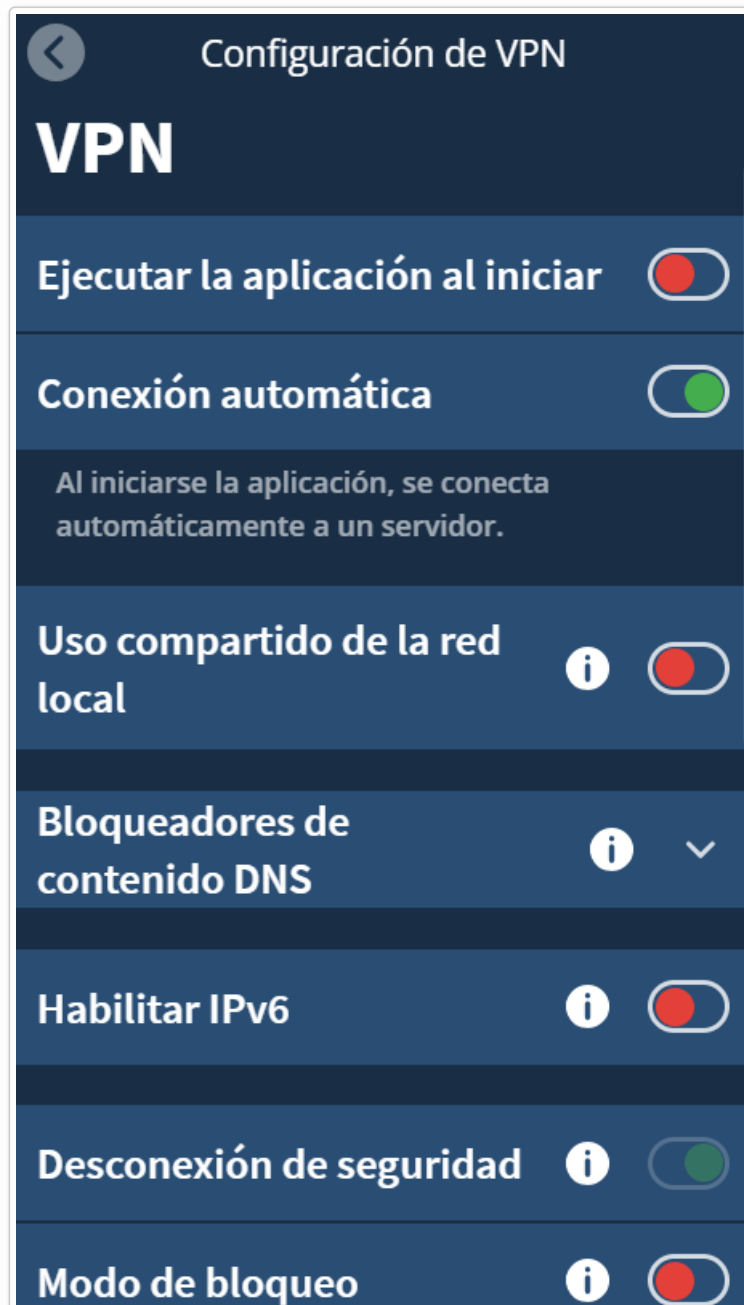
Step 7: Install Mullvad VPN

```
Start-Process .\MullvadVPN.exe
```

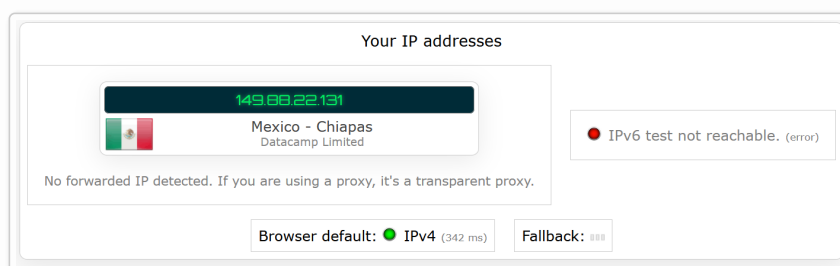Follow the prompts to install.

Step 8: Configure Mullvad for Privacy

1. Launch Mullvad and enter your account number.
2. Enable:
    - Auto-connect
    - Kill switch
    - Block LAN
    - Multihop: Sweden → Iceland

Configuración de VPN

VPN

Ejecutar la aplicación al iniciar

Conexión automática

Al iniciarse la aplicación, se conecta automáticamente a un servidor.

Uso compartido de la red local ℹ

Bloqueadores de contenido DNS ℹ

Habilitar IPv6 ℹ

Desconexión de seguridad ℹ

Modo de bloqueo ℹ

Step 9: Test for IP, DNS, and WebRTC Leaks

- Visit:
  - https://ipleak.net
  - https://browserleaks.com
- Confirm:
  - IP address is hidden
  - DNS is secure
  - WebRTC disabled or masked

Your IP addresses

149.88.22.131

Mexico - Chiapas
Datacamp Limited

● IPv6 test not reachable. (error)

No forwarded IP detected. If you are using a proxy, it's a transparent proxy.

Browser default: ● IPv4 (342 ms) | Fallback: ▪▪▪

Step 10: Maintain Privacy Long-Term

- Use LibreWolf or Tor Browser
- Disable JavaScript when possible

- Clear cookies regularly
- Avoid personal logins with anonymous setup
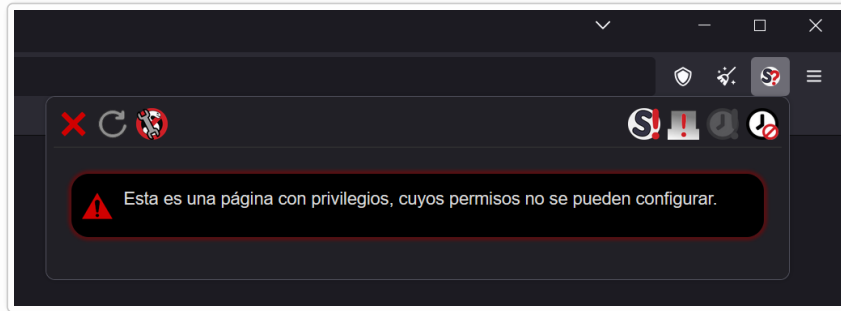
Conclusion: Anonymity vs. Privacy

- **Privacy** means protecting your data and keeping your activities hidden from outsiders (e.g., ISPs, advertisers).
- **Anonymity** means hiding your **identity** entirely—so actions can't be traced back to you.

Using tools like Mullvad with cryptocurrency and PGP verification maximizes both when used correctly.

Stay safe. Stay private. Stay anonymous.

ALSO A NOTE FOR PROFESSOR, IT WAS VERY DIFFICULT TO TURN THIS CODE INTO A WORD DOC AND PDF SO IT MAY NOT TURN OUT AS GREAT UNLESS YOU USE A CODE EDITOR TO VIEW THE OUTPUT