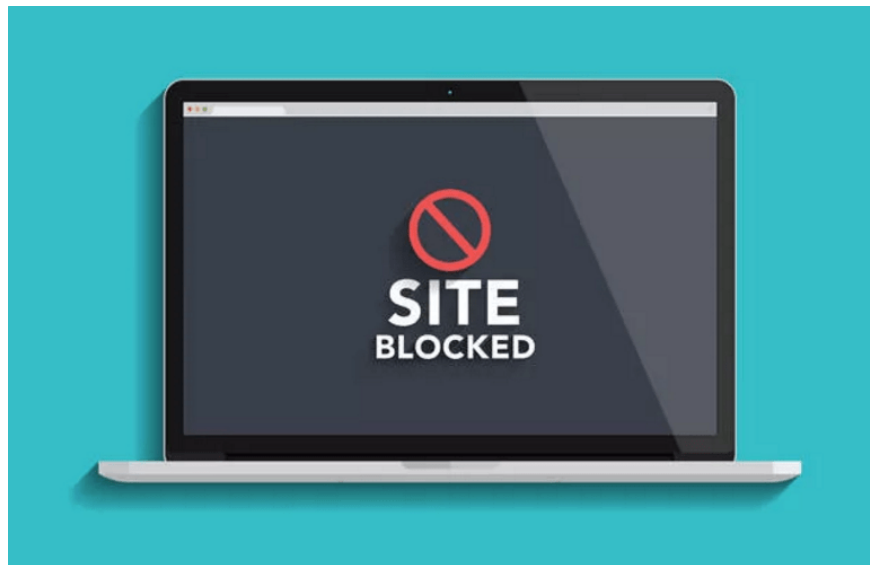


Summary of several ways to access blocked websites

To access the blocked website you can use some solutions such as change DNS, edit host file, change IP address (VPN, Socks, Ssh), ... Below is a guide to access blocked website details.

For some reason you are blocked, some sites cannot be accessed. For example, at work or at school, . you are blocked from accessing some social networking sites like Facebook, .

To access the blocked website you can use some solutions such as change DNS, edit host file, change IP address (VPN, Socks, Ssh), . Below is a guide to access blocked website details.



1. Access via IP instead of using URL

Some software blocks websites by name or only blocks URLs without blocking the site's IP address. Therefore you can use the IP address to access blocked websites, instead of using URLs.

To get the IP address of the website, open Command Prompt (with Windows) or Terminal (with Mac OS X), then enter the command below and press Enter:

```
ping the_page_web_near_move_IP
```

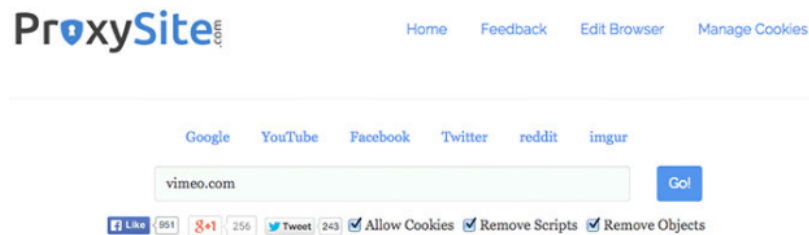
For example, if you want to see TipsMake.com's IP address, you will enter the ping TipsMake.com command. Copy the IP address displayed on Command Prompt or Terminal, then paste it into the browser address bar and access the normal website.

2. Use Proxy

There are many free proxy sites that provide users with anonymous browsing services. You can use these proxy sites to access blocked websites easily. Just visit the proxy website and enter the website URL you want to visit.

How does this process work? When browsing a web site using a proxy, you don't actually connect to that website, but rather connect to the server's proxy (server). And the server's proxy is connected to the destination of the website. So all you see is the cached version of the page that the proxy server provides for you.

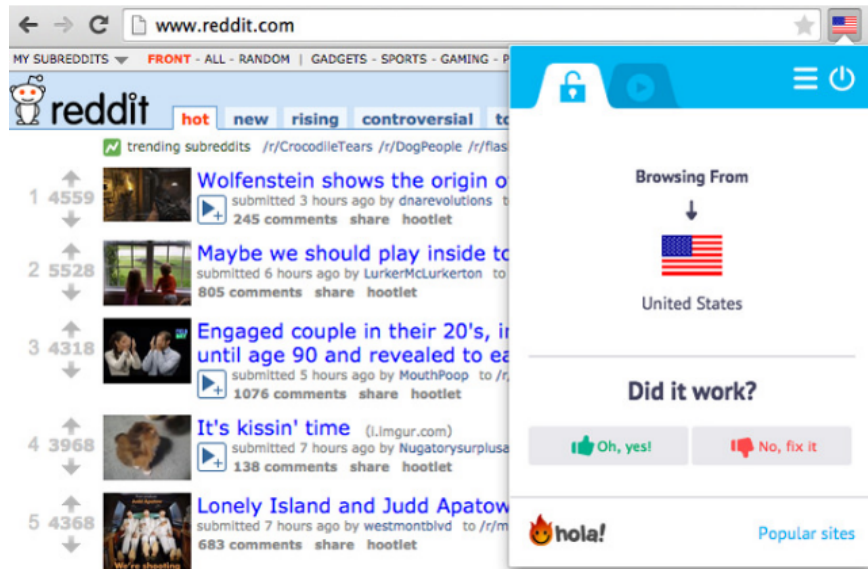
Some proxy sites you can use like Proxysite.com or Proxery, or if you want more options you can use Newproxysite.com.



3. Use VPN service

Virtual private network (Virtual Private Network) or VPN is a network dedicated to connecting computers together through the public Internet.

There are many VPN service providers, including free VPN services. Hola is one of the effective VPN services you can use. The service allows you to browse privately and without moderation, and the service includes extensions for Chrome and Firefox users.



4. Use the TOR browser

Tor is a browser that allows you to browse the web anonymously, prevent browsing or blocking habits from tracking your location, ensuring privacy.

To use it, you must first download the Tor browser to your device and install the browser like a normal application.

Download Tor browser to your device and install it here.

Open the application, then click **Connect** to start connecting to Tor.



5. Use Internet Public Service Provider (ISP) DNS

Some Internet Service Providers (ISPs) use their DNS changes to block access to some websites. To access blocked websites, you can use Google Public DNS to bypass the restrictions of your Internet service provider.

In the Network DNS configuration section, you change DNS to Google Public DNS IP address as follows:

IPv4:

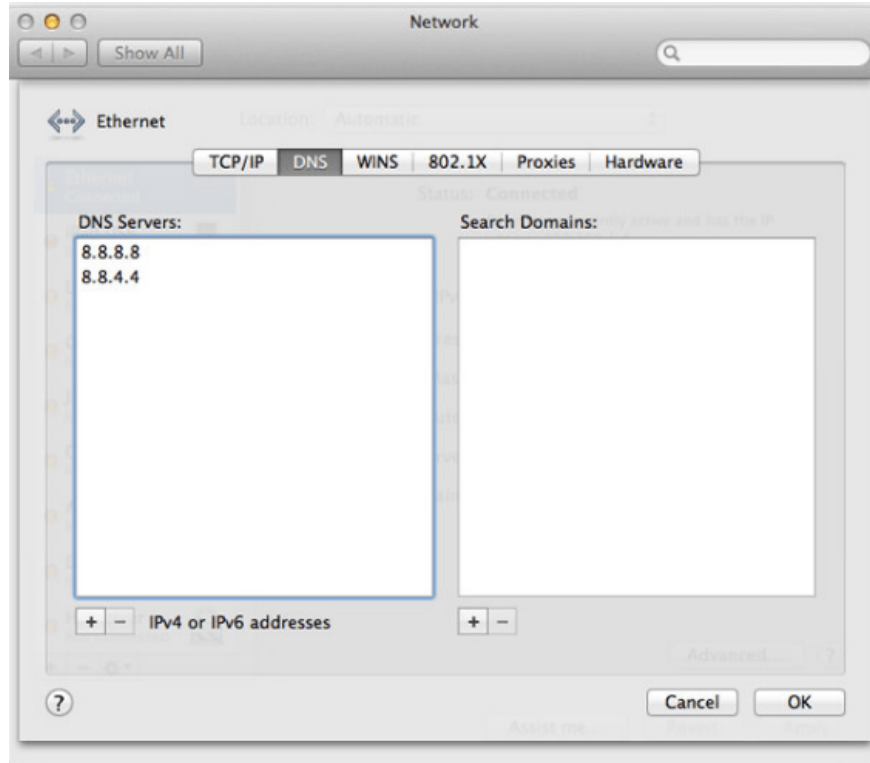
8.8.8.8

8.8.4.4

IPv6:

2001:4860:4860::8888

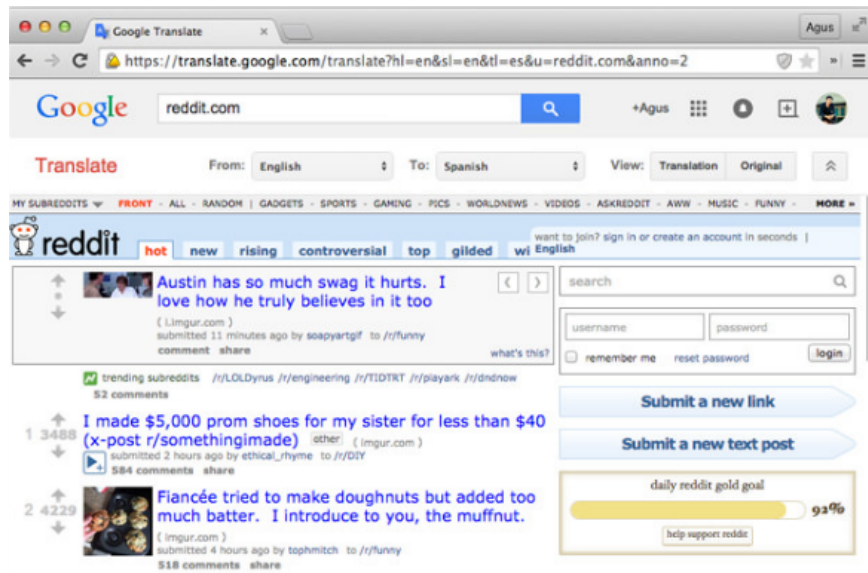
2001:4860:4860::8844



6. Use Google Translate

Google Translate (Google Translation) allows you to translate any content on a website from one language to another. However, you may not know if you entered the blocked website URL into Google Translate, then click on the link URL in the right pane, and you can access blocked websites in the language you choose to translate.

Click View to return to the original version before translating the language.



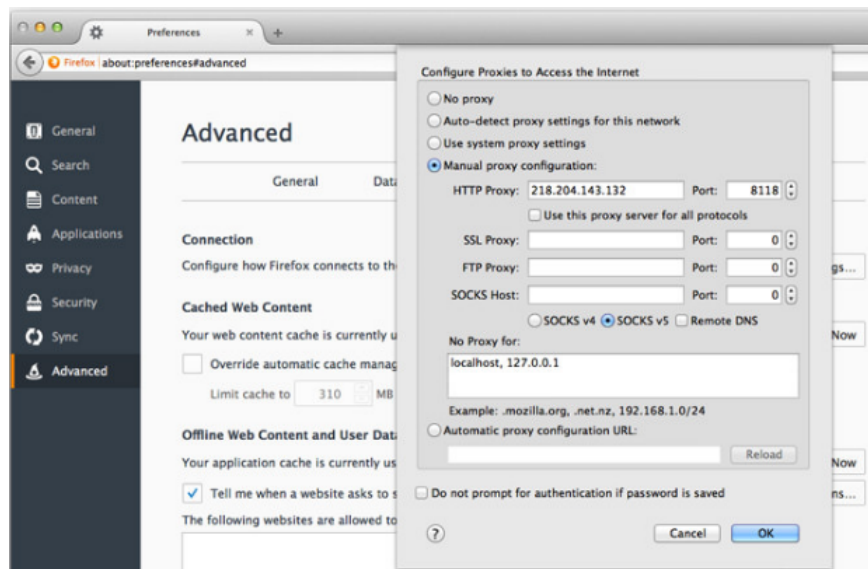
7. Set your browser's Proxy manually

To manually set the browser proxy, you must first find a public proxy. You can find a proxy on Hidemyass. Get 1 IP address and port (port), then:

- On Firefox browser:

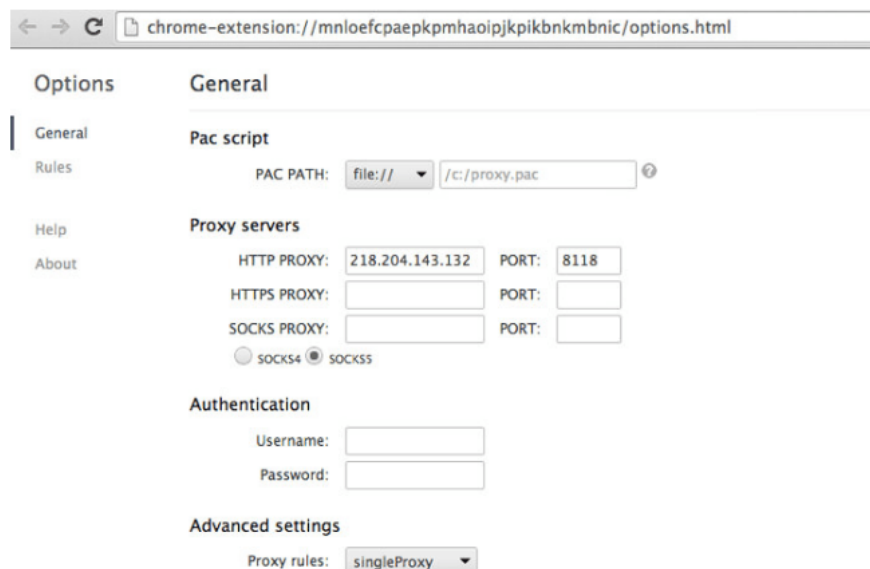
Go to **Preference => Advanced** and select the **Network** tab. In the **Connection** section, click **Settings**, then select **Manual Proxy Configurations**.

Here you enter the IP address and port you just found on Hidemyass into the **HTTP Proxy** frame and **Port** frame and click **OK**.



- On Chrome browser:

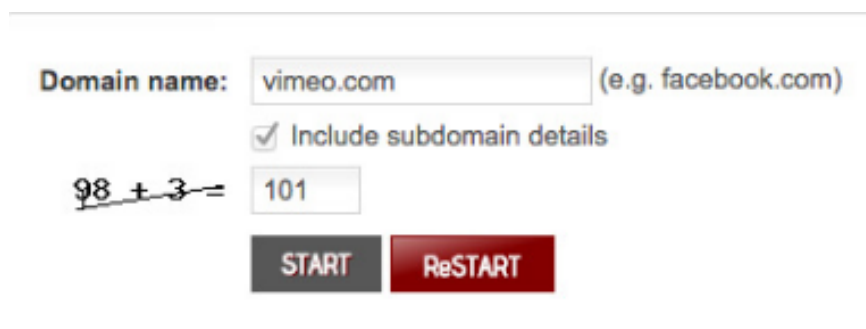
If you want to set up proxy on Chrome browser, you can use Proxy Helper.



8. Edit the Hosts file to bypass the website's IP address

You can use the Pentest Tools service to get the domain IP address and subdomain of the blocked site. Just add the domain name and type the check box to **Include subdomain details**, then click **Start** and wait for the tool to perform the process of getting the IP address of the website.

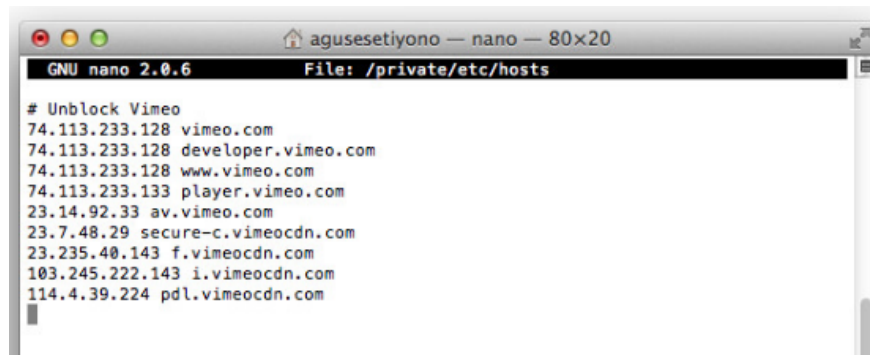
After the process is finished, proceed to copy the IP address of the domain / subdomain.



If you use a Mac, open the Terminal, then enter the following command into:

```
sudo nano / private / etc / hosts
```

Scroll down to open the Hosts file and paste the IP address you copied in the previous step. Press **Ctrl + X**, then press **Y** to save the file.



```
GNU nano 2.0.6 File: /private/etc/hosts
# Unblock Vimeo
74.113.233.128 vimeo.com
74.113.233.128 developer.vimeo.com
74.113.233.128 www.vimeo.com
74.113.233.133 player.vimeo.com
23.14.92.33 av.vimeo.com
23.7.48.29 secure-c.vimeocdn.com
23.235.40.143 f.vimeocdn.com
103.245.222.143 i.vimeocdn.com
114.4.39.224 pdl.vimeocdn.com
```

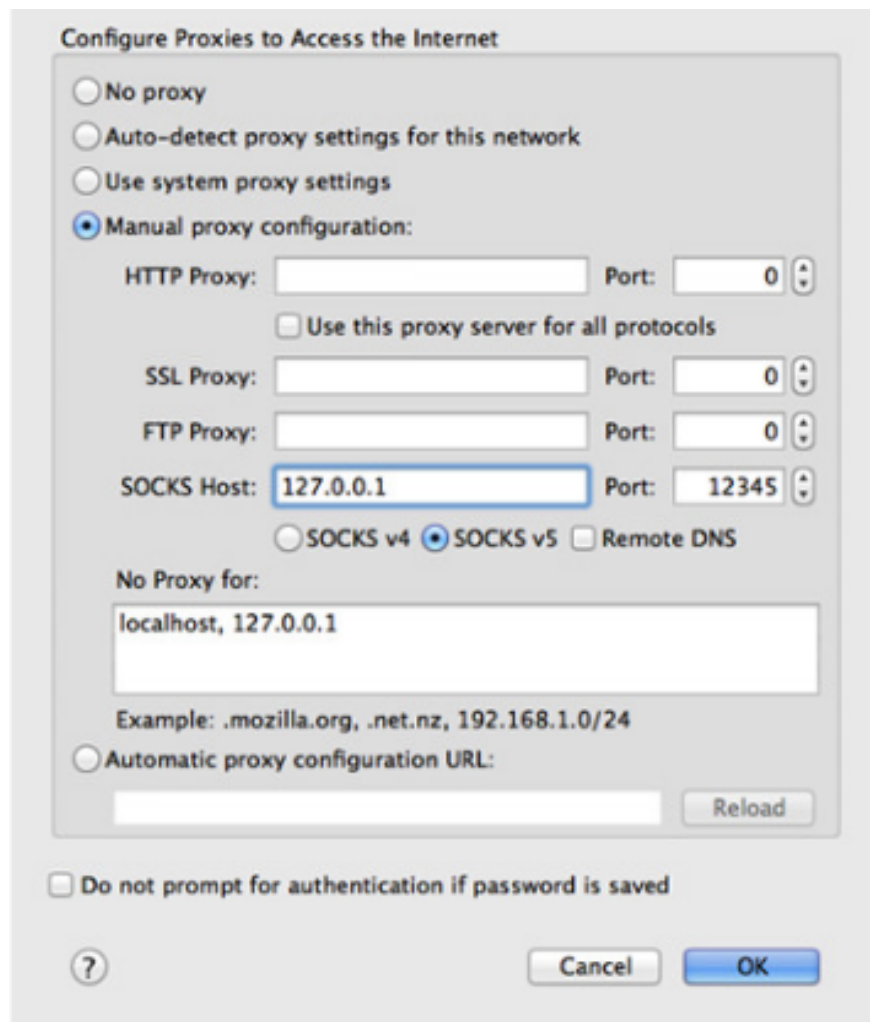
9. Using SSH Tunnels

You must first have an SSH account. Open the Terminal and run the following command to login (if you use Windows you can use Putty):

```
ssh -D 12345 user@host.domain
```

This command will run the SOCKS server on the port 12345. You will now be asked to enter your username and password. After successfully logging in, proceed to minimize the Terminal window again, noting to close the Terminal window.

Next open Firefox browser and access **Preferences** => **Advanced** => **Network** => **Settings** . Select Manual Proxy Configurations, then enter **127.0.0.1** in the **Search Hosts** frame and add the port number you received when creating SSH tunnel. Click **OK** to save the changes.



Next open a new tab and enter about: config, then set **network.proxy.socks_remote_dns** to **TRUE** .

Refer to some of the following articles:

1. How to watch blocked YouTube videos or restrict viewers without signing in or proxying
1. These 3 simple ways help you block "completely" ads on Skype
1. How to block any user on Instagram?

Good luck!

You finished reading the article "**Summary of several ways to access blocked websites**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.