

# How to find the fastest DNS to optimize Internet speed

What is the best DNS option to optimize Internet speed? How to know a DNS better than its competitors? Read this article to find the fastest DNS and optimize Internet speed.

Google's Public DNS is a free Domain Name System (DNS). It replaces the Internet service provider's default DNS settings, not the fastest option and other public DNS services such as OpenDNS or 1.1.1.1 DNS that focus on privacy.

So which is the best option to optimize Internet speed? How to know a DNS better than its competitors? Read this article to find the fastest DNS and optimize Internet speed.

1. Speed up Internet connection by changing DNS server
2. The best top 10 Public DNS Server you should know now
3. Compare Internet speed of DNS 1.1.1.1 with other popular DNS

## What is DNS?

The Domain Name System translates human readable website names into IP addresses. When entering the site name into the browser address bar, the browser sends that name to the DNS server. DNS server helps to route requests to the appropriate IP address of that site.

Each website has an IP address, but the IP address of each website is a long string of numbers and unless you have a superior memory, you will not be able to remember the IP address of every website you want to visit.

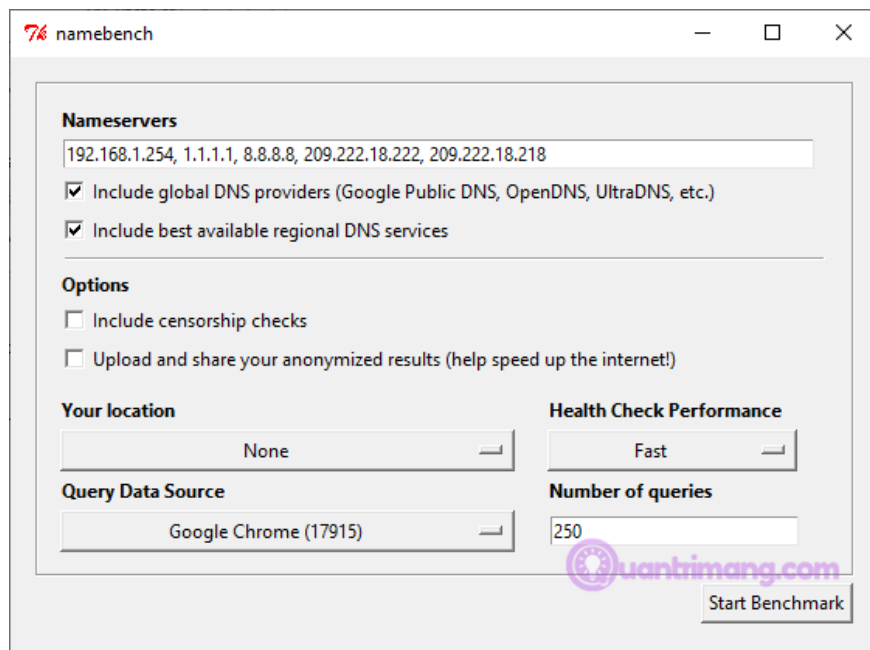
When network providers configure Internet connectivity, they often set up to use their default DNS. The default DNS settings of your Internet service provider are not bad, but there are some connectivity issues and frequent DNS Resolution issues. Moreover, you are free to use one of the free DNS alternatives.

1. The best, fastest DNS list of Google, VNPT, FPT, Viettel, Singapore

You want to use DNS fast and stable. There are some DNS that provide additional security and privacy features. To find the fastest DNS option, try one of the following free DNS speed checking tools. And if you choose the service you want, you can change DNS.

## 1. NameBench

1. Download NameBench for Windows



NameBench is an open source portable application (no installation needed, you can run it from USB flash) that works on Windows, macOS and Linux distributions. It runs a DNS benchmark test on an Internet browser history computer or standardized test data set. The DNS NameBench test then returns the fastest DNS settings for your current location and connection.

Go to the NameBench code archive and download the latest version of the tool for your operating system. Note, NameBench stopped growing in 2010, so the release date is correct.

## How to use NameBench

SYS-1.1.1.1 is

# 6.4%

**Faster**

than your current primary DNS server

**Recommended configuration (fastest + nearest)**

Primary Server:  SYS-1.1.1.1

Secondary Server:  BT 41 GB

Tertiary Server:  BT-71 GB

► Tested DNS Servers

IP	Descr.	Hostname	Avg (ms)	Diff	Min	Max	TO	NX	Notes
1.1.1.1	SYS-1.1.1.1	one.one.one.one	29.84	6.4%	13.2	634.4	0	2	<ul style="list-style-type: none"> <li>A backup DNS server for this system.</li> <li><a href="#">www.google.com</a> is hijacked: 216.58.210.196</li> <li><a href="#">google.com</a> appears incorrect: 216.58.213.110</li> <li>No answer (NXDOMAIN): <a href="#">static.ak.fbcdn.net</a></li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.1, 104.244.42.129</li> </ul>
192.168.1.254	SYS-192.168.1.254	bthub	31.76		2.1	1030.1	0	0	<ul style="list-style-type: none"> <li><b>The current preferred DNS server.</b></li> <li><b>NXDOMAIN Hijacking</b></li> <li><a href="#">www.google.com</a> is hijacked: 172.217.169.36</li> <li><a href="#">static.ak.fbcdn.net</a> appears incorrect: 92.242.132.15</li> <li><a href="#">google.com</a> appears incorrect: 216.58.210.46</li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.1, 104.244.42.193, 104.244.42.129</li> </ul>
156.154.71.1	UltraDNS-2	rdns2.ultradns.net	34.61	-8.2%	13.9	361.1	0	2	<ul style="list-style-type: none"> <li><a href="#">www.google.com</a> is hijacked: 216.58.204.68</li> <li>No answer (NXDOMAIN): <a href="#">static.ak.fbcdn.net</a></li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.129, 104.244.42.193</li> <li><a href="#">google.com</a> appears incorrect: 216.58.210.46</li> <li>No answer (NXDOMAIN): <a href="#">static.ak.fbcdn.net</a></li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.1, 104.244.42.129</li> <li><a href="#">www.google.com</a> is hijacked: 216.58.198.164</li> <li>Replica of SYS-8.8.8.8 [8.8.8.8]</li> <li><a href="#">google.com</a> appears incorrect: 216.58.210.46</li> </ul>
8.8.4.4	Google Public DNS-2	dns.google	47.27	-32.8%	13.2	1277.4	0	2	<ul style="list-style-type: none"> <li>No answer (NXDOMAIN): <a href="#">static.ak.fbcdn.net</a></li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.1, 104.244.42.129</li> <li><a href="#">www.google.com</a> is hijacked: 216.58.198.164</li> <li>Replica of SYS-8.8.8.8 [8.8.8.8]</li> <li><a href="#">google.com</a> appears incorrect: 216.58.210.46</li> </ul>
208.67.220.220	OpenDNS	resolver2.opendns.com	53.83	-41.0%	14.0	842.6	0	2	<ul style="list-style-type: none"> <li><a href="#">google.com</a> appears incorrect: 172.217.169.78</li> <li>No answer (NXDOMAIN): <a href="#">static.ak.fbcdn.net</a></li> <li><a href="#">twitter.com</a> appears incorrect: 104.244.42.1, 104.244.42.65</li> <li><a href="#">www.google.com</a> is hijacked: 172.217.169.4</li> </ul>

Before running NameBench, close all applications using an Internet connection. Closing programs that use active connections may distort the DNS NameBench test results.

Open and unzip NameBench. The name server you see is the DNS server you are using. Please keep the default NameBench settings, then click **Start Benchmark** . DNS NameBench checking process will take 10 to 20 minutes.

After completing DNS NameBench speed check, your browser will launch to display the results. The box at the top left shows the fastest DNS server for your current connection. You can also scroll down to the results page to see the DNS speed comparison chart.

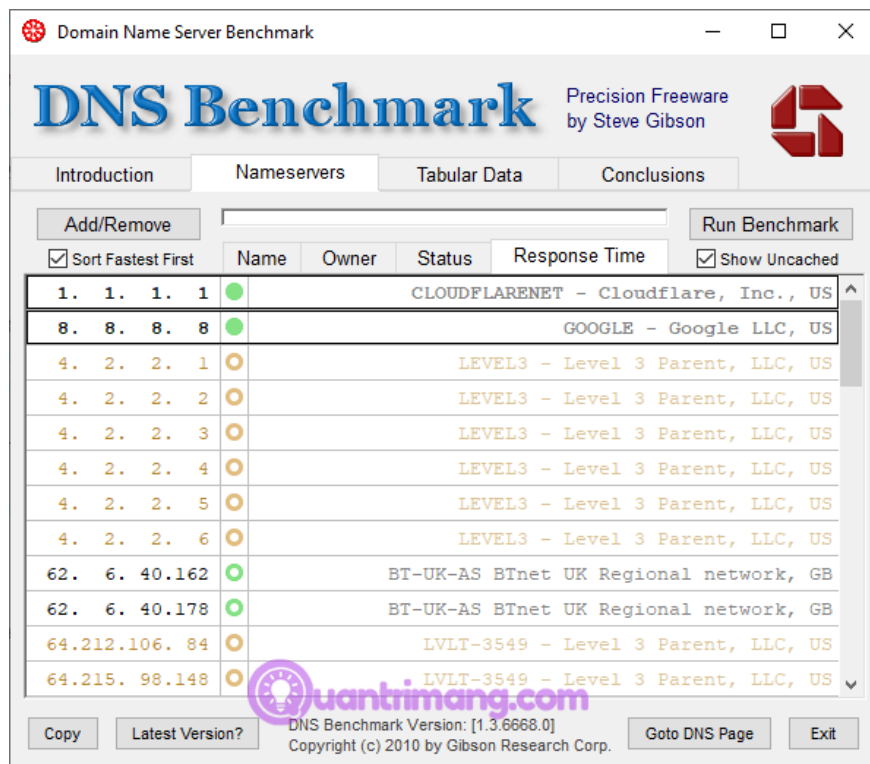
## 2. GRC Domain Name Speed ??Benchmark

<https://www.grc.com/files/DNSBench.exe>



Gibson Research Corporation Domain Name Speed ??Benchmark tool provides detailed analysis of optimal DNS settings for your connection. Like NameBench, you can run DNS Benchmark from USB flash without installation. It is only available for Windows, but does not support macOS or Linux.

### How to use DNS Benchmark



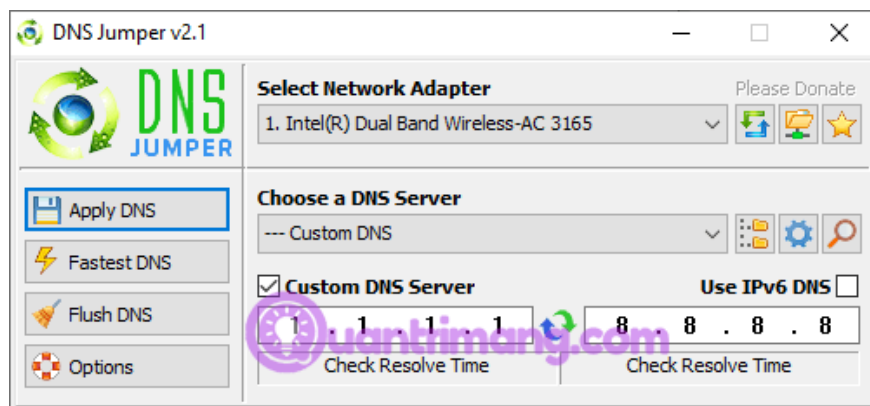
One thing users love about DNS Benchmark is the constantly updated DNS list. When checking DNS speed, you will see the fastest server will be at the top of the list.

Download and open the DNS Benchmark, then select the **Nameservers** tab. Let DNS Benchmark update the list, then select **Run Benchmark** . The first run only takes a few minutes. However, at the end of the first DNS speed test, DNS Benchmark informed you that you should create a custom DNS benchmark list for DNS test results that accurately reflect your system and connection.

Building custom lists takes about 37 minutes. But the results provide a clearer picture of the fastest DNS for your system.

### 3. DNS Jumper

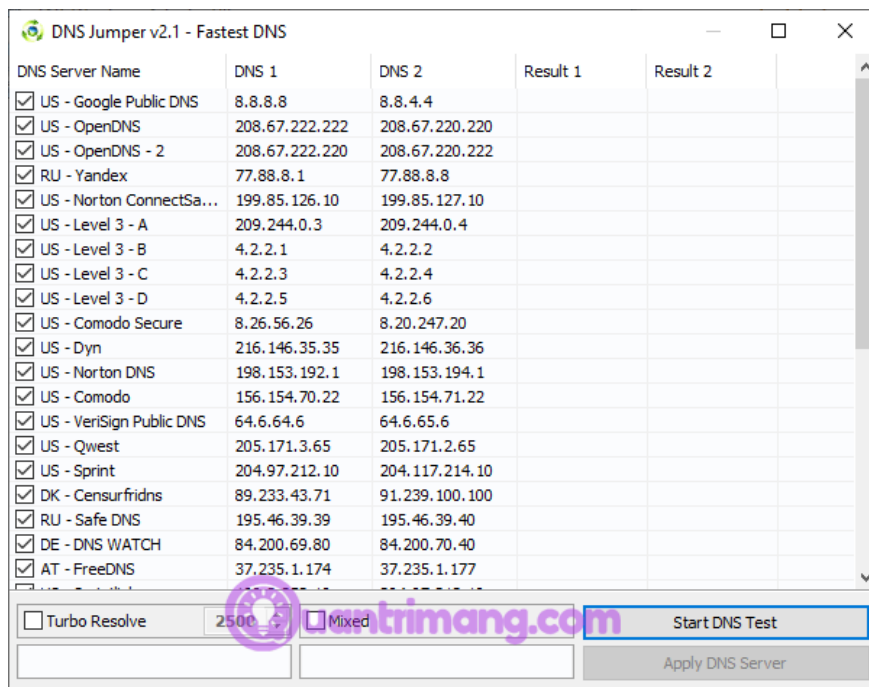
#### 1. Download DNS Jumpers for Windows



At first, DNS Jumpers seemed to be a more basic DNS speed test tool. However, when you start using DNS Jumper, you will get it with many similar features like NameBench and DNS Benchmark. For example, DNS Jumper completed the fastest DNS check and is also portable application.

About DNS speed, DNS Jumper has the option to scan and select DNS fastest. After checking DNS speed ends, you can select an option, then use the integrated **Apply DNS** button to use those settings. DNS Jumpers checklist has some limitations and prioritizes US-based DNS providers.

## How to use DNS Jumper



First, select your network adapter from the drop down list. If you don't know which network adapter to choose, in the Start menu search bar, enter the **view network status** and choose the most appropriate result. Select **Change adapter settings** from the left column. One of the network adapters will have your current connection name under the adapter type. Write down the name and select the corresponding hardware in the DNS Jumper drop-down list.

Once you've configured the hardware correctly, choose **Fastest DNS** . On the new window that appears, you will see some DNS speed checks, select them all, then click **Start DNS Test** . DNS jumper does not take long to check, when completed, you can use DNS Jumper to update the settings for your connection automatically.

Using one of the above DNS speed check tools will help you find the best DNS settings for your connection. NameBench and GRC DNS Benchmark provide the most thorough tests and will give you the most accurate answer on DNS speed.

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