

## Free & Public DNS Servers

Written by Friends

Thursday, 14 November 2013 10:06 -

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### Free & Public DNS Servers (Updated November 2013)

Provider	Primary DNS Server	Secondary DNS Server
<a href="#">Level3</a> <sup>1</sup>	209.244.0.3	209.244.0.4
<a href="#">Google</a> <sup>2</sup>	8.8.8.8	8.8.4.4
<a href="#">Securly</a> <sup>3</sup>	184.169.143.224	184.169.161.155
<a href="#">Comodo Secure DNS</a>	8.26.56.26	8.20.247.20
<a href="#">OpenDNS Home</a> <sup>4</sup>	208.67.222.222	208.67.220.220
<a href="#">DNS Advantage</a>	156.154.70.1	156.154.71.1
<a href="#">Norton ConnectSafe</a> <sup>5</sup>	198.153.192.40	198.153.194.40
<a href="#">GreenTeamDNS</a> <sup>6</sup>	81.218.119.11	209.88.198.133
<a href="#">SafeDNS</a> <sup>7</sup>	195.46.39.39	195.46.39.40
<a href="#">OpenNIC</a> <sup>8</sup>	216.87.84.211	23.90.4.6
<a href="#">Public-Root</a> <sup>9</sup>	199.5.157.131	208.71.35.137
<a href="#">SmartViper</a>	208.76.50.50	208.76.51.51
<a href="#">Dyn</a>	216.146.35.35	216.146.36.36
<a href="#">censurfridns.dk</a> <sup>10</sup>	89.233.43.71	89.104.194.142
<a href="#">Hurricane Electric</a> <sup>11</sup>	74.82.42.42	
<a href="#">puntCAT</a> <sup>12</sup>	109.69.8.51	

[1] The DNS servers listed above as *Level3* will automatically route to the nearest DNS server operated by Level3 Communications, the company that provides most of the ISPs in the US their access to the Internet backbone.

[2] Google also offers IPv6 public DNS servers: 2001:4860:4860::8888 and 2001:4860:4860::8844.

[3] Securly's DNS servers block adult content by default, including of course X-rated content but also adult oriented pages on websites like Wikipedia, adult themed searches on Google, and more. The grown-ups in the house can sign up [here](#) to bypass all restrictions.

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[4] OpenDNS also offers DNS servers that block adult content, called OpenDNS FamilyShield. It's also free but you do have to sign up [here](#) . A premium DNS offering is also available, called OpenDNS Home VIP.

[5] The Norton ConnectSafe DNS servers listed above block sites hosting malware, phishing schemes, and scams. Use 198.153.192.50 and 198.153.194.50 to block those sites plus those with pornographic content. Use 198.153.192.60 and 198.153.194.60 to block all previously mentioned site categories plus those Norton deems "non-family friendly."

[6] GreenTeamDNS "blocks 18 categories which include malware, botnets, dangerous websites, adult related content, aggressive/violent sites as well as advertisements and drug-related websites" according to [their FAQ page](#) . Premium accounts have more control.

[7] Register [here](#) with SafeDNS for content filtering options in several areas.

[8] The DNS servers listed here for OpenNIC are just two of many in the US and across the globe. Instead of using the OpenNIC DNS servers listed above, see their complete list of public DNS servers [here](#) and use two that are close to you or, better yet, let them tell you that automatically [here](#) . OpenNIC also offers some IPv6 public DNS servers.

[9] These Public-Root DNS servers are the only two currently operating in the United States but if you're located outside the US, see their complete list [here](#) and choose the best servers based on your location.

[10] The censurfridns.dk DNS servers are uncensored, operated by a privately funded individual, and are physically located in Denmark. You can read more about them [here](#) . IPv6 DNS servers are also available at 2002:d596:2a92:1:71:53:: and 2002:5968:c28e::53

[11] Hurricane Electric also has an IPv6 public DNS server available: 2001:470:20::2.

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[12] puntCAT is physically located near Barcelona, Spain. The IPv6 version of their DNS server is 2a00:1508:0:4::9.

**Note:** Primary DNS servers are sometimes called *preferred* DNS servers and secondary DNS servers are sometimes called *alternate* DNS servers. Primary and secondary DNS servers can be "mixed and matched" to provide another layer of redundancy.