DNS Resolver

My DNS (mydig)

Domain Name	My DNS Average (msec)	My DNS 25th Percentile (msec)	My DNS 75th Percentile (msec)
Google.com	125.1042	120.21325	131.46775
Youtube.com	125.5973	118.4885	135.09075
Tmall.com	187.7201	185.2585	192.99325
Facebook.com	143.07	137.47575	145.527
Yahoo.com	128.7101	121.986	132.053
Amazon.com	227.9763	221.5775	233.71025
Wikipedia.org	128.0464	126.27125	128.72775
Reddit.com	196.4395	193.03675	200.24925
Netflix.com	191.4135	185.30525	198.53525
Blogspot.com	187.1106	181.63175	194.1955

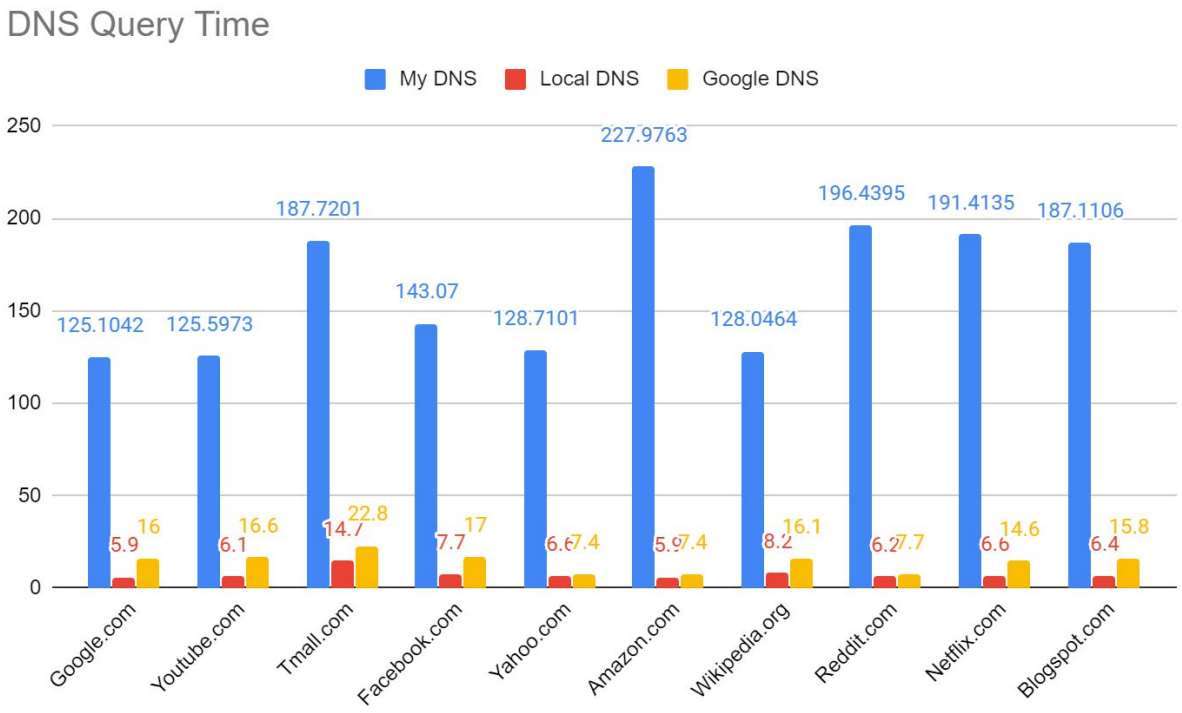
Local DNS (dig)

Domain Name	Local DNS Average (msec)	Local DNS 25th Percentile (msec)	Local DNS 75th Percentile (msec)
Google.com	5.9	5	7
Youtube.com	6.1	5	6.75
Tmall.com	14.7	6	7
Facebook.com	7.7	6	7
Yahoo.com	6.6	5	7.5
Amazon.com	5.9	5	6.75
Wikipedia.org	8.2	5	6.75
Reddit.com	6.2	5	6

Netflix.com	6.6	5.25	6.75
Blogspot.com	6.4	5	6.75

Google DNS (Google's public DNS)

Domain Name	Google DNS Average (msec)	Google DNS 25th Percentile (msec)	Google DNS 75th Percentile (msec)
Google.com	16	13.25	17
Youtube.com	16.6	14	15
Tmall.com	22.8	14	16.75
Facebook.com	17	14.25	17
Yahoo.com	7.4	7	8
Amazon.com	7.4	7	8
Wikipedia.org	16.1	13	15.75
Reddit.com	7.7	7	7.75
Netflix.com	14.6	13.25	15.75
Blogspot.com	15.8	15	17.75



My DNS resolver query time, on average is much slower than both the local DNS and Google DNS. This is because the local DNS and Google DNS can have DNS caching, which can substantially reduce overhead, which means faster query time. If the domain is cached, the address is already known and it does not need to go through another resolve to find that address. In my DNS resolver program (mydig), it is not cached, and therefore needs to do more recursive calls to find the address, which means a longer query time.