



The time to resolve using our own DNS resolver that uses the root servers is usually around 30-60ms. We can also see that Google's 8.8.8.8 DNS is on average faster than both the root servers and our local DNS resolver. We can also see that the boxplot for Taobao.com has a very large spread when using a local DNS resolver. This is because the server that contains Taobao.com's IP could be a very long distance from us, and using a local DNS server will cause the resolution times to deviate.