For the practical team activity, basic scans were conducted on [https://allmytype.co.uk](https://allmytype.co.uk/). The route was first traced using the traceroute command in windows (a2hosting, 2021). It took a total of fifteen hops to reach the destination from my machine. The hops varied in latency, with the first nine being around 2-3 ms per packet. The latter half of hops had much higher in latency, around 117-125 ms. Similarly, using winMTR fifteen hops were again observed. The packet latency was also consistent in winMTR, with the results from the traceroute being almost identical. Despite the increase in latency, there were no packet drops and it was consistently stable.

There are four main name servers registered for this domain. Using dig, it showed them being located at Ns1.a2hosting, Ns2.a2hosting, Ns3.a2hosting, and Ns4.a2hosting. The registered contact for the website was found through the use of whois in Linux and the domain tools website (DomainTools, 2021). The contact was discovered to be ENOM, a website that sells domains. The main exchange record for the site was mail.allmytype.co.uk, which was found again using dig. Lastly, the website Hostingchecker was used to determine where the website was hosted. The results showed it was through A2 hosting, in the Netherlands (Hostingchecker, 2021). Overall, the scans provided great general information about the website. IP addresses and potential locations for vulnerabilities were discovered. More advanced scans could be run in the future to find more serious and exploitable vulnerabilities.

References:

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