Initial Post

In the scanning exercise, group 3 performed a basic scan for the assigned website https://customersrus.co.uk utilizing conventional network connectivity tools.

By using the tracert or traceroute command, it can offer route information, as well as the time required for each hop, router by the router, from the source computer to the target address 68.66.247.187. The three results from the group members exhibited discrepancies with varied places and timings, with up to 25 hops and a maximum delay of 307ms. However, in some routes, the answers contained asterisks or the message "Request timed out." It could be because the router did not answer before a timeout occurred, or because the packets arrived at a router with a firewall that prevents traceroute requests from being sent online.

It can query the information with various Domain Name Servers (DNS) records, such as A, MX, NS, and CNAME records, using the dig or nslookup command. The results revealed that the hosting company's A2hosting servers were being pointed by the domain's NS and MX records (A2 Hosting, Inc., N.D.). Therefore, these results proved that the website is hosted by A2 Hosting, Inc. The iplocation.net database identified two geolocations for this domain IP address Ann Arbor, United States of America and Amsterdam, Netherlands (IP Location, 2021).

Similarly, the same name server can be found from the registered information by the whois command. It also stated that the domain name registrar is Enom, a domain name wholesaler (Enom, N.D.). This domain was registered by Enom, Inc. on 21-Oct-2021 regarding the Nominet UK record.

With reference to the result, this website, https://customersrus.co.uk, purchased a shared web hosting service for hosting the website and email. In addition, the hosting company provided more than one site for redundancy and some basic security protection to prevent cyber-attack like Denial-of-Service (DoS) attacks (A2 Hosting, Inc., N.D.).

References:

A2 Hosting, Inc. (N.D.) How to set the name servers for a domain to point to A2 Hosting. *Knowledge Base.* Available from: https://www.a2hosting.com/kb/getting-started-guide/configuring-domain-settings/setting-the-name-servers-dns-for-a-domain [Accessed 4 December 2021].

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A2 Hosting, Inc. (N.D.) How to help secure your website. *Knowledge Base.* Available from: https://www.a2hosting.com/kb/security [Accessed 4 December 2021].









