

Unit 4 Collaborative Discussion 2

Summary

In the past three weeks, we considered the tools to analyse the footprint of a given network. Regarding the traceroute tool, I noted that traceroute could present incorrect round-trip times because of multiprotocol label switching or asymmetric paths. Rooyen (2021) suggested using the Paris traceroute as an alternative to the traditional traceroute tool (Rooyen, 2021). Traceroute packets operate at level three of the OSI model. These network packets could end up being blocked by gateways either because the gateway is not configured to relay UDP packets or a firewall may be misconfigured (Swanlow, 2021).

An interesting impact of GDPR on domain registrars is that WHOIS information is no longer freely available in EU destinations. However, commercial services keep their owner's trademark details secret (Kulesza, 2018). The Whois service is a global, contractual governance model managed by Internet Corporation for Assigned Names (ICANN). ICANN's policy for open access is brought into conflict with the EU's GDPR because, as Mueller and Chango (2008) note, ICANN maintains dominance over registrar data because the world converged on the TCP/IP protocol.

An interesting observation from the scan results is the similarity of the MX records, data from name server scans, the hosting provider and registered contact details. Given the similarity of the scan results points to a single source for hosting.

References

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- Rooyen, H. (2021). Conversation with Hendrik van Rooyen. Available from <https://www.my-course.co.uk/mod/hsuforum/discuss.php?d=290514> [Accessed 20 Feb. 2022]
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