

Scanning Exercises: Peer Responses

Course: MSc Computer Science

Module: Network and Information Security Management

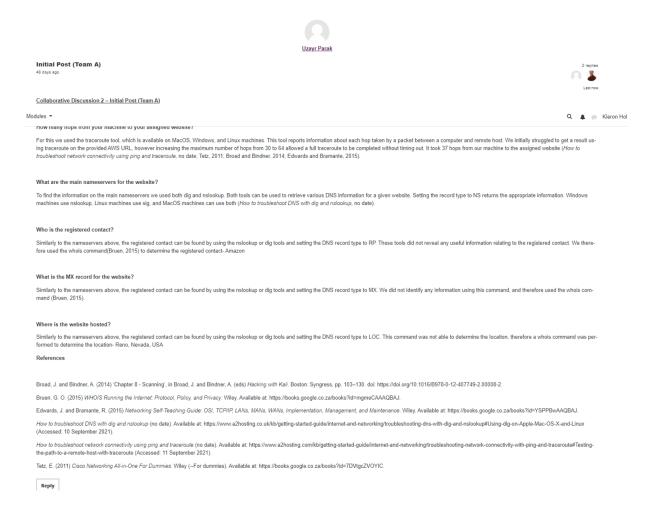
Assignment: ePortfolio

Date: Saturday 30th October 2021

Student ID: 126853

Peer Response 1:

In response to:



Post:

Hi Team,

An excellent point was raised above. Many of the services provided by Amazon Web Services will, by default, offer subdomains indicating the Region/Availability Zone, as well as the resource name (Amazon, n.d.). However, generally speaking, the WHOIS service is only available for primary domains (Kailash1, 2009). In cases like this, the

most appropriate way of identifying domain details is to look up the main domain (elasticbeanstalk.com).

It is also worth considering the usage of services such as AnyCast for DNS with large cloud providers. The Nameservers chosen to handle your request will likely be those located geographically closest (Cloudflare, n.d.), meaning different team members will likely experience different results.

References:

Amazon. (n.d.) Your Elastic Beanstalk environment's Domain Name. Available from: https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/customdomains.html [Accessed 30th October 2021].

Cloudflare. (n.d.) What is Anycast DNS?. Available from:

https://www.cloudflare.com/en-gb/learning/dns/what-is-anycast-dns [Accessed 30th October 2021].

Kailash1. (2009) Whois for Subdomain. Available from:

https://forums.cpanel.net/threads/whois-for-subdomain.129273/ [Accessed 30th October 2021].

Screenshot:



Post by <u>Kieron Holmes</u>

Peer Response

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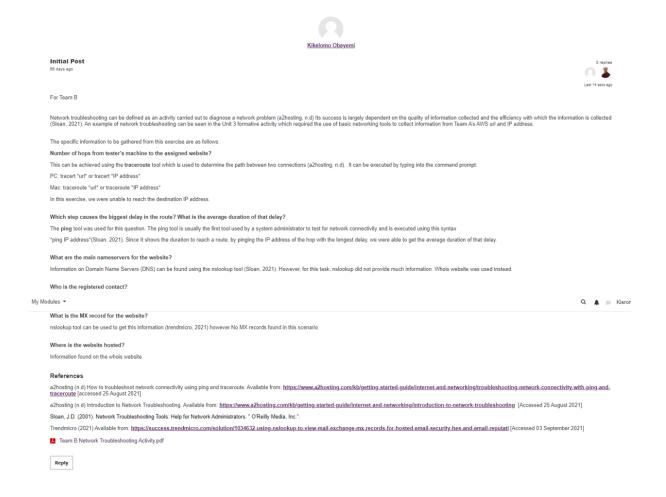
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Peer Response 2:

In response to:



Post:

Hi Kike/Team,

In general, you've produced a great post detailing the tools that can be used for specific host identification tasks, as well as the associated commands.

With regard to the section labelled "Which step causes the biggest delay in the route? What is the average duration of that delay?" it is worth bearing in mind that the ping command uses an ICMP connection to measure the entire round-trip time of a request (Wikipedia, n.d.). I believe that the Traceroute utility may have been more appropriate for this task, as it tracks the overall route of the packets (Die.net, n.d.), allowing you to identify the step that causes the highest delay.

References:

Die.net. (n.d.) Traceroute(8) - Linux man page. Available from:

https://linux.die.net/man/8/traceroute [Accessed 30th October 2021].

Wikipedia. (n.d.) Ping (Networking Utility). Available from:

https://en.wikipedia.org/wiki/Ping_(networking_utility) [Accessed 30th October 2021].

Screenshot:

