Task A

1. What is a packet sniffer?

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| A packet sniffer — also known as a packet analyser, protocol analyser or network analyser — is a piece of hardware or software used to monitor network traffic. |

1. What risks do packet sniffers pose to users?

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| * Records of the website’s users have visited, what they viewed on the site, the contents and destination of any email and/or downloaded files. * If a user downloads malware via attachments from a website then it could intentionally install a packet sniffer which can record any data transmitted. |

1. Identify measures that can put in place to avoid having your data intercepted.

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| * Encryption * The use of VPN * Avoid using public networks, especially if it’s to use websites where a login is required. |