Activity-3 Trends

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# Part 1: IOT

Internet of Things (IOT) introduces additional security risks to an organisation. Why is IOT considered one of the biggest and growing concerns for CyberSecurity?

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| IoT devices that are connected to the internet can be attacked in the same way as any other internet enabled device. As IoT devices are usually contained in a system of devices, it creates a larger number of attack surfaces. This increases the risk of being attacked by hybrid ransomware attacks, where a hacker gains remote access to one or more devices in an IoT network whilst demanding a ransom. As the world increases its reliance on digital technologies, the amount of IoT devices per organisation increases, too. |

# Part 2: Wetware

What is ‘wetware’ and why is social engineering a problem?

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| Wetware is a term used to describe humanity’s involvement in the process of cyber security. It is commonly referred to as the weakest link in securing a network. Hence why social engineering is considered a risk. This will typically involve taking advantage of a person’s kindness, confusion or by tricking the person into believing that someone of a higher authority needs access to secure information. Some common techniques involve phishing, baiting and tailgating where attackers use deception to gain trust or cause individuals to act against their best interest. |

# Part 3: Communication

Do you think non-verbal communication is important in a business environment?

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| Yes, because it can assist in clearly and effectively communicating with others as well as displaying feedback (disapproval/approval) to others in a discussion. |