

7 Cyber security threats

This lesson will deal with cyber-security threats.

Cyber security

the processes, practices and technologies

the things we do

designed to protect networks, computers and data

to protect computer stuff

from attack, damage, or unauthorised access

from being damaged or stolen by nasty people

7 Cyber security threats

1. social engineering techniques
2. malicious code
3. pharming
4. weak and default passwords
5. misconfigured access rights
6. removable media
7. unpatched and/or outdated software

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3. Pharming:

A cyber attack intended to redirect a website's traffic to a fake website

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weak and default passwords

Obidos Travel have a simple wired network involving 7 machines as well as peripherals such as a printer and scanner.

- a. Explain how Obidos Travel could use all four of the network security methods to make their system secure.
- b. What password security rules should Obidos Travel put in place?**

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1. Summarise threats 3-7 from the list. Make sure you have **examples** of how the threat might work. You will need to research into this topic
2. Give **three** ways in which password security can be ensured on a local network
3. Explain the importance of changing default passwords on a computer system
4. Obidos Travel have a simple wired network involving 7 machines as well as peripherals such as a printer and scanner.
What password security rules should Obidos Travel put in place?