

Study Task 2: OSI Model, Protocols and Vulnerabilities.

You have been employed by WCS Forensics within their Cybersecurity Department.

Part of your remit will be providing cybersecurity training and advice for clients and small businesses, who have requested the services of WCS Forensics. Finnart Street Insurance Services IT Department has requested advice about the OSI Layer, Protocols and Vulnerabilities.

1. You must provide Research notes on the 7 Layers of OSI Model. The client has requested the following information:
 - a) The name of each layer and brief description.
 - b) Protocols for each layer.
 - c) Vulnerabilities

There is a table below you can use:

[illegible]

2. Provide notes on protocols which have a vulnerability from three of the seven layers, providing some detail about the protocol and how it operates.
3. Explain why each of the three protocols have a vulnerability and what steps can you take to address the vulnerabilities.
4. Source a sentence which helps you memorise the seven layers of the OSI Layer (Based on the First Letter of Each Layer).
5. Source a diagram for the OSI Model which lists protocols and vulnerabilities.

Note: The lecturer has provided some videos and links to get you started. You should undertake your own research to produce your own notes.