

Title of the Coursework

Author: Student Name (Student ID)

Module Name with Code

School of Applied Computing

Wales Institute of Science and Art

Date and Time of submission:

Abstract

Introduce your course work. Talk about your research gatherings/ inputs/ analysis. Continue with your implementation and your conclusion.

(Not more than a paragraph – Maximum 50 words)

Table of Contents

Contents

1. Introduction (Talk about general networks, importance of security in a network and your flow of this report)

(Be descriptive – Cover the basics)

2. Related Work/ Review of Literature

- 2.1. Networks and its types (Include devices used in networks – Mobile Devices, Personal Devices etc – Relate all the topics with the scenario given)

- 2.2. Threats and Attacks (Focus on the network given in the scenario and talk about different attacks which could be possible)

- 2.3. Mitigation – (Talk about the existing tools, methods, policies which are currently in practice to mitigate the above stated attacks, Talk about the current trends and industry happenings)

(Clarity in review – Critics required – Wider and Broader Review – Various sources to be referred – Academic credible references)

3. Design and Implementation

- 3.1. Weak Points/ Vulnerabilities (Discuss about Che-Si's possible weak points in the network architecture, flaws in the policies etc)

- 3.2. Introduce your demonstration design (either packet tracer/ ubuntu) (like...what type of attack you are demonstrating? How you are designing? Describe it in detail. Add sub topics as you wish.) (For example, if you are planning to demonstrate a sniffer attack, talk about sniffer technique, tools available in the market, what and how much intense is the damage could be? What is the environment you are implementing the attack? What type of data traffic you are targeting etc)

- 3.3. Implementation (Step by step, include screenshots, commands etc)

- 3.4. Discuss the outcome of your implementation

(Describe the design with images, flowcharts etc – More in-line with the scenario– Clear Implementation – Document all – Clearly and briefly describe the outcome)

4. Mitigation Strategies and Recommendation

4.1 Importance of Strategies/ Policies/ training/ practicing the policies

4.2 Digital Signatures and Data Encryption methods

4.3 Recommendations to update Che-Si's existing policies (focus on matching the above parts of your work - like..weak points identified in Chei-Si's network, how/ what you have demonstrated them?, what is your outcome and what you recommend. (Be more specific in this part (chapter 3 and 4). (If you find this exceeding your word limit, add it as an annexure)

5. Conclusion

6. Glossary (If required)

7. References/ Bibliography

8. Appendices (If required)

8.1. Screenshots/ Policies/ etc

List of Figures (If any)

List of Tables (If any)

Points to remember

1. Specific Format (Font, Font Size, Justified Alignment)
2. All references are in-text cited. (IEEE/ACM format)
3. Word count is from Introduction to Conclusion.
4. Make sure it is your own work. Plagiarism attracts more penalties as per policy.
5. Concentrate on the flow of your work (Structure and Quality).

