Week 7 Assignment 7

The following assignment is based on the material covered in Unit 3 and Unit 4. You are required to work individually on this assignment and submit it by the due date.

Week 3 Review

- Topic Overview
- Summary
- Key Terms
- Review Questions

Week 4 Review

- Topic Overview
- Summary
- Key Terms
- Review Questions

Week 5 Review

- Topic Overview
- Summary
- Key Terms
- Review Questions

Week 6 Review

- Topic Overview
- Summary
- Key Terms
- Review Questions

Unit 3: Network Security

- Topic Overview
- Summary
- Key Terms
- Review Questions

Unit 4: Computer Network Technology

- Topic Overview
- Summary
- Key Terms
- Review Questions

Assignment Instructions

1. Read the assignment carefully and understand the requirements.
2. Work on the assignment individually.
3. Submit the assignment by the due date.

Assignment Details

- Assignment Title: Network Security and Computer Network Technology
- Due Date: [Insert Due Date]
- Format: [Insert Format]

Assignment Questions

1. Describe the difference between a firewall and an Intrusion Detection System (IDS).
2. Explain the importance of network segmentation in enhancing network security.
3. Discuss the role of configuration and policy management in network security.
4. Compare and contrast the features of a packet sniffer and a network sniffer.
5. Describe the steps involved in conducting a vulnerability assessment.

Assignment Requirements

- Submit the assignment in a single Word document.
- Include all the relevant sections:
  - Introduction
  - Body
  - Conclusion
- Use references where necessary.
- Submit the assignment by the due date.