NAME: RITHIKA BASKAR ROLL NO: 231901042

## **SECURE NETWORK ARCHITECTURE**

EX.NO.7

DATE: 02-04-2025

#### AIM:

Learn about and implement security best practices for network environments.

### **PROCEDURE:**

- Task 1 Introduction
- Task 2 Network Segmentation
- Task 3 Common Secure Network Architecture
- Task 4 Network Security Policies and Controls
- Task 5 Zone-Pair Policies and Filtering
- Task 6 Validating Network Traffic
- Task 7 Addressing Common Attacks
- Task 8 Conclusion

#### Task 1 Introduction:



### **Task 2 Network Segmentation:**



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#### **Task 3 Common Secure Network Architecture:**



## **Task 4 Network Security Policies and Controls:**



# Task 5 Zone-Pair Policies and Filtering:

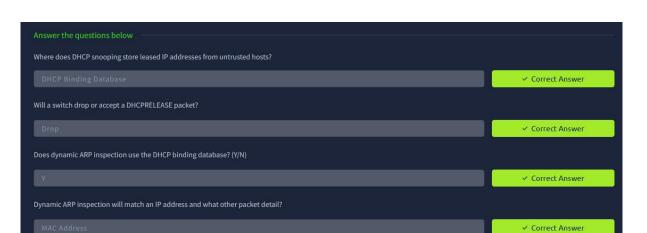


## **Task 6 Validating Network Traffic:**



**Task 7 Addressing Common Attacks:** 

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## **Task 8 Conclusion:**



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RESULT: Thus, the Secure Network Architecture is completed using tryhackme platform.	