

EXERCISE 7

Secure Network Architecture

AIM:

Learn about and implement security best practices for network environments.

Secure Network Architecture
Learn about and implement security best practices for network environments.
Medium 60 min

Share your achievement Help Save Room 518 Options

Room completed (100%)

- 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

Answer the questions below

What is the flag found after filling in all blanks on the static site?

THMIM05tly_53cure ✓ Correct Answer

Where does DHCP snooping store leased IP addresses from untrusted hosts?

DHCP Binding Database ✓ Correct Answer

Will a switch drop or accept a DHCPRELEASE packet?

Drop ✓ Correct Answer

Does dynamic ARP inspection use the DHCP binding database? (Y/N)

Y ✓ Correct Answer

Dynamic ARP inspection will match an IP address and what other packet detail?

MAC Address ✓ Correct Answer

RESULT:

Designed a secure network architecture with firewalls, intrusion detection systems, and encrypted communication channels to mitigate cyber threats.