

EX.No:07

Secure Network Architecture

DATE:02/04/2025

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AIM

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Task 02: Network Segmentation.

Answer the questions below

How many trunks are present in this configuration?

4

✓ Correct Answer

Hint

What is the VLAN tag ID for interface eth12?

30

✓ Correct Answer

Hint

Task 03: Common Secure Network Architecture

Answer the questions below

From the above table, what zone would a user connecting to a public web server be in?

External

✓ Correct Answer

🔍 Hint

From the above table, what zone would a public web server be in?

DMZ

✓ Correct Answer

🔍 Hint

From the above table, what zone would a core domain controller be placed in?

Restricted

✓ Correct Answer

🔍 Hint

Task 04: Network Security Policies and Controls

Answer the questions below

According to the corresponding ACL policy, will the first packet result in a drop or accept?

accept

✓ Correct Answer

According to the corresponding ACL policy, will the second packet result in a drop or accept?

drop

✓ Correct Answer

Task 05: Zone-pair Policies and Filtering

Answer the questions below

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

THM{M05tly_53cure}

✓ Correct Answer

Answer the questions below

Does SSL inspection require a man-in-the-middle proxy? (Y/N)

Y

✓ Correct Answer

What platform processes data sent from an SSL proxy?

Unified Threat Management

✓ Correct Answer

Task 06: Validating Network Traffic

Task 07:Addressing Common Attacks

Answer the questions below

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