

Network Fundamentals

Extending Your Network

Task 1:

Answer the questions below

What is the name of the device that is used to configure port forwarding?

router

✓ Correct Answer

Task 2:

What layers of the OSI model do firewalls operate at?

Layer 3, Layer 4

✓ Correct Answer

💡 Hint

What category of firewall inspects the **entire connection**?

stateful

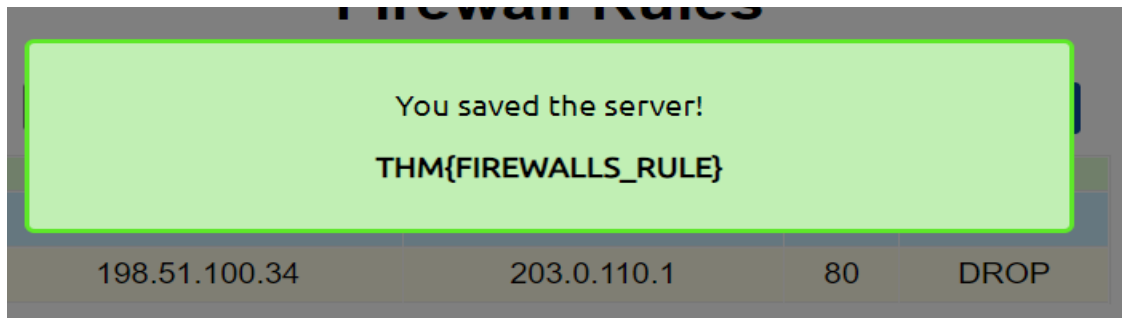
✓ Correct Answer

What category of firewall inspects individual packets?

stateless

✓ Correct Answer

Task 3:



What is the flag?

THM{FIREWALLS_RULE}

✓ Correct Answer

Task 4:

Answer the questions below

What VPN technology **only** encrypts & provides the authentication of data?

PPP

✓ Correct Answer

💡 Hint

What VPN technology uses the IP framework?

IPSec

✓ Correct Answer

💡 Hint

Task 5:

Answer the questions below

What is the verb for the action that a router does?

routing

✓ Correct Answer

💡 Hint

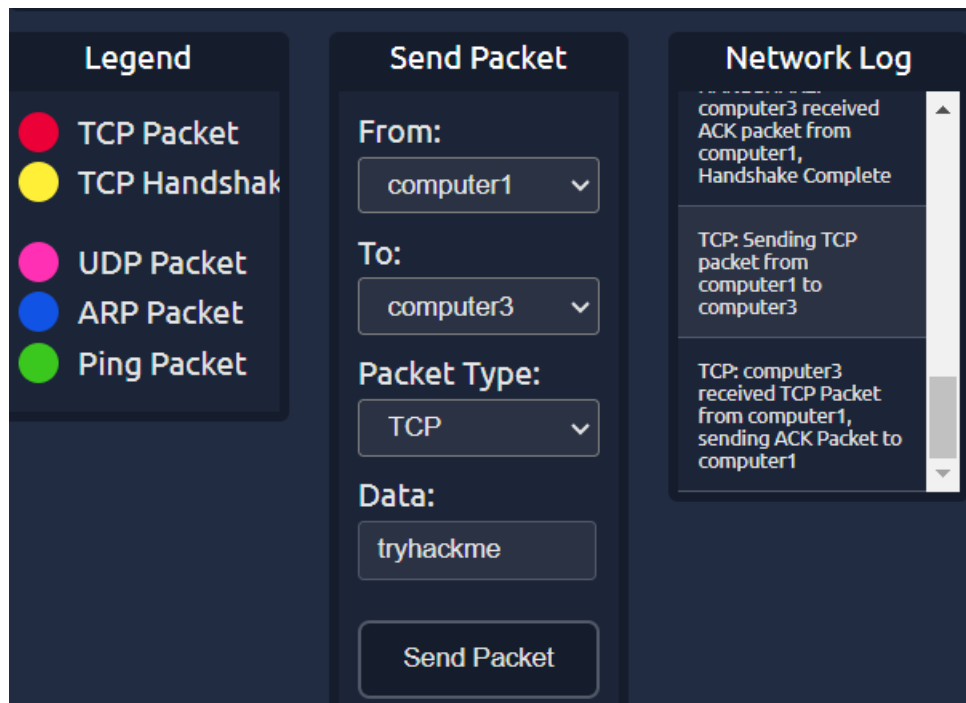
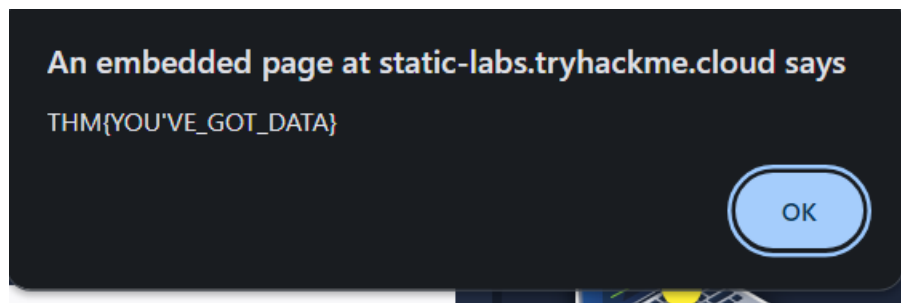
What are the two different layers of switches? Separate these by a comma i.e.: LayerX,LayerY

Layer2,Layer3

✓ Correct Answer

💡 Hint

Task 6:



What is the flag from the network simulator?

THM{YOU'VE_GOT_DATA}

✓ Correct Answer

💡 Hint

How many HANDSHAKE entries are there in the Network Log?

5

✓ Correct Answer

💡 Hint