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EXP NO:8 NMAP TO DISCOVER LIVE HOSTS

DATE:11/9/24

AIM:

To learn how to use Nmap to discover live hosts using ARP scan, ICMP scan and TCP/UDP ping scan.

PROCEDURE:

To perform the Nmap to discover the live hosts the following tasks need to be perfor	To	perform the N	Iman to	discover tl	he live	hosts the	following	tasks ne	eed to be	performe	d
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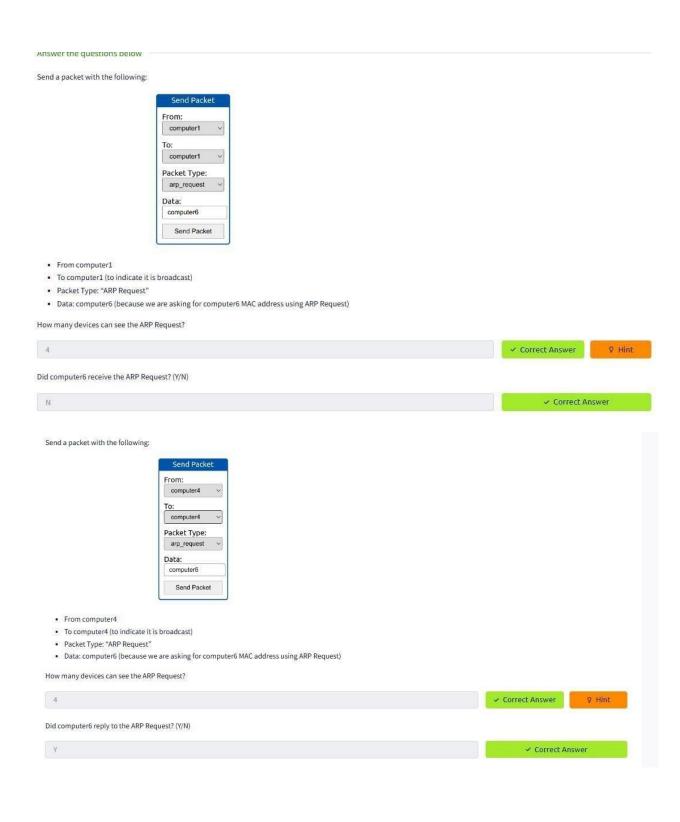
- ☐ TASK 1:Introduction
- □ TASK2: Subnetworks
- ☐ TASK 3:Enumerating Targets
- ☐ TASK 4:Discovering Live hosts
- ☐ TASK 5:Nmap host discovery using ARP
- TASK 6:Nmap host discovery using ICMP
- TASK 7:Nmap host discovery using TCP and UDP
- TASK 8: Using reverse-dns lookup
- TASK 9:Summary

OUTPUT:

TASK 1:INTRODUCTION

Answer the questions below					
Some of these questions will require the use of a static site to answer the task questions, while others require the use of the AttackBox and the target VM.					
No answer needed	✓ Correct Answer				

TASK2: SUBNETWORKS



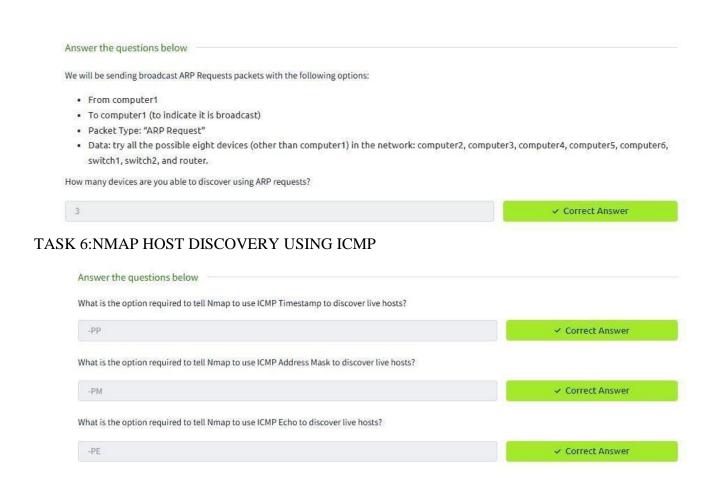
TASK 3:ENUMERATING TARGETS



TASK 4:DISCOVERING LIVE HOSTS

Answer the questions below	
Send a packet with the following:	
From computer1	
To computer3	
Packet Type: "Ping Request"	
What is the type of packet that computer1 sent before the ping?	
ARP Request	✓ Correct Answer
What is the type of packet that computer1 received before being able to send the ping?	
ARP Response	✓ Correct Answer
How many computers responded to the ping request?	
1	✓ Correct Answer
Send a packet with the following:	
From computer2	
To computer5	
Packet Type: "Ping Request"	
What is the name of the first device that responded to the first ARP Request?	
router	✓ Correct Answer
What is the name of the first device that responded to the second ARP Request?	
computer5	✓ Correct Answer
Send another Ping Request. Did it require new ARP Requests? (Y/N)	
N	✓ Correct Answer

TASK 5:NMAP HOST DISCOVERY USING ARP



TASK 7:NMAP HOST DISCOVERY USING TCP AND UDP



TASK 8: USING REVERSE-DNS LOOKUP



RESULT:

Nmap to discover live hosts using ARP scan,ICMP scan and TCP and UDP ping scan in the tryhackme platform.