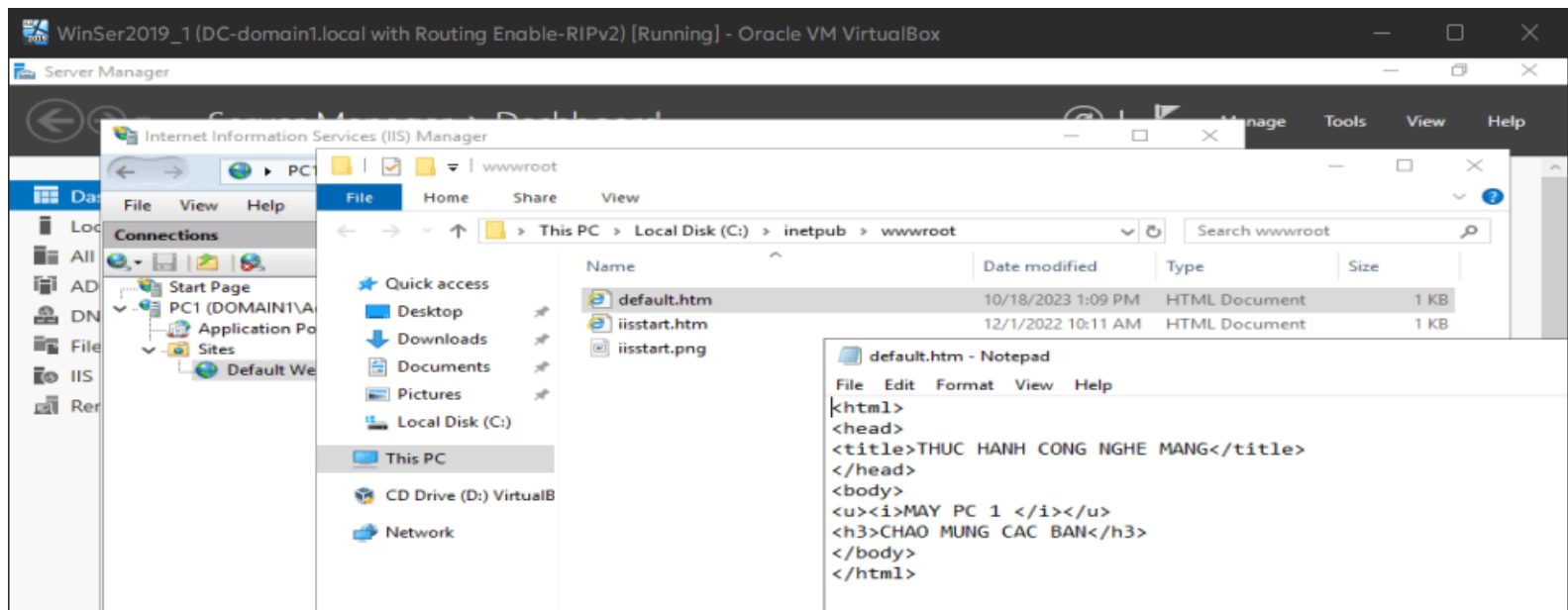
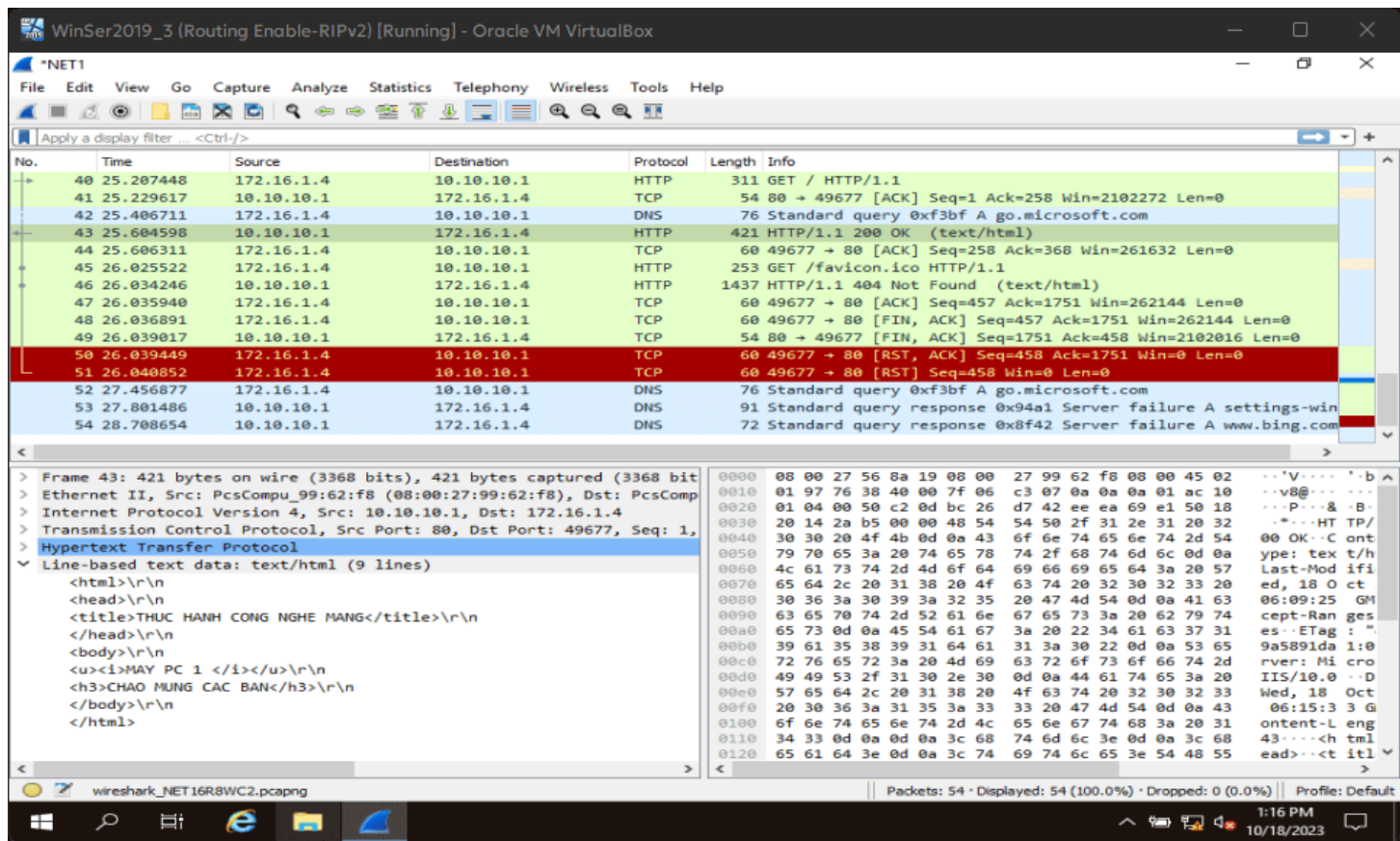


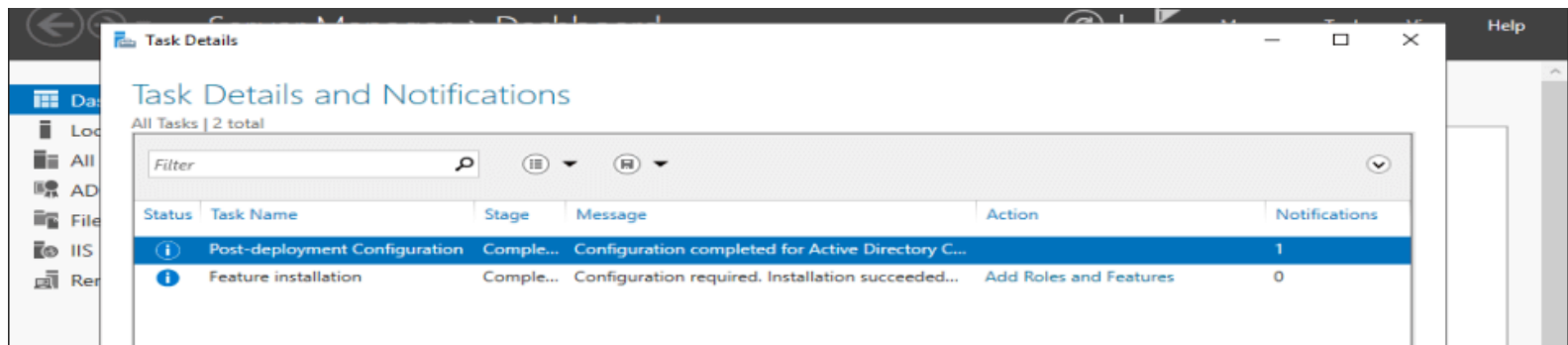
Câu 1:



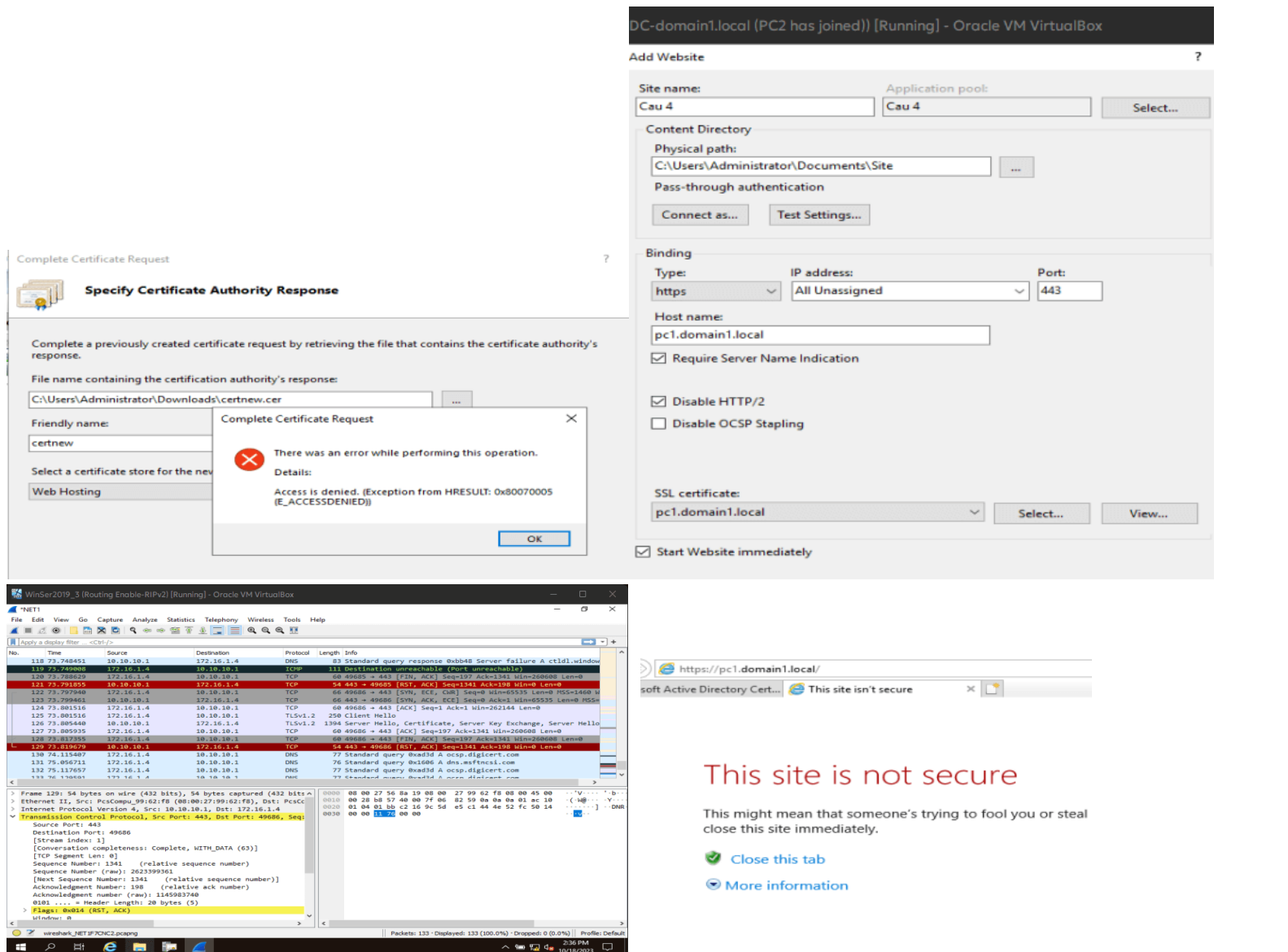
Câu 2:



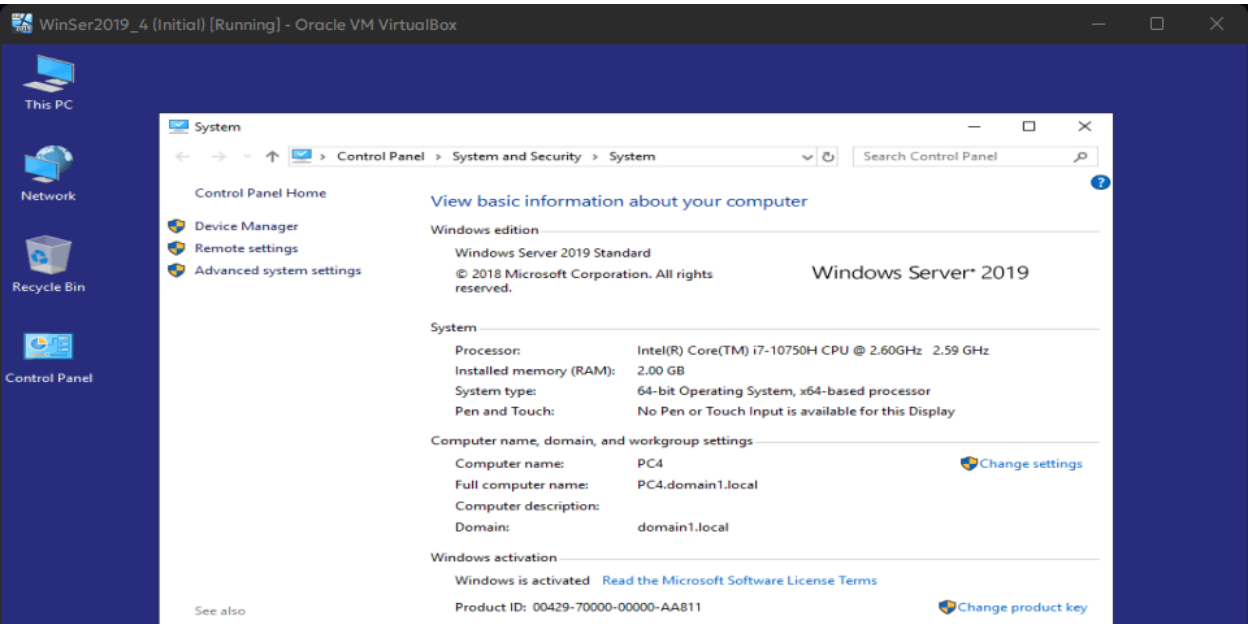
Câu 3:



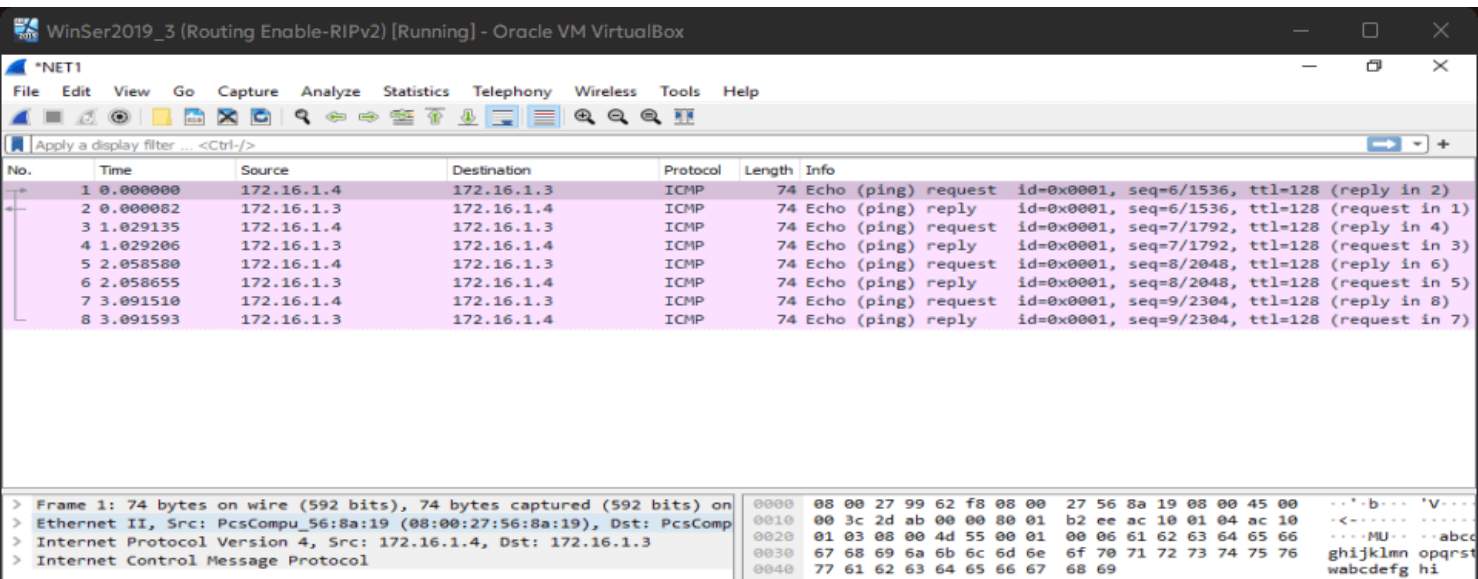
Câu 4:



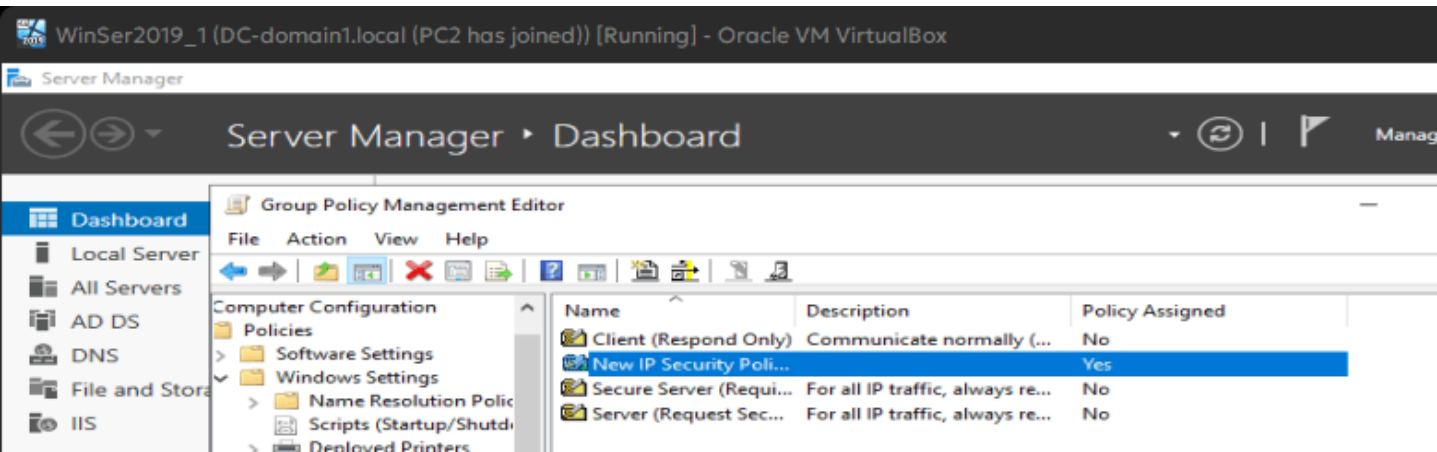
Câu 5:



Câu 6:



Câu 7:



Câu 8:

WinSer2019_1 (DC-domain1.local [PC2 has joined]) [Running] - Oracle VM VirtualBox

Administrator Command Prompt

Microsoft Windows [Version 10.0.17763.1099]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ping 172.16.1.4

Pinging 172.16.1.4 with 32 bytes of data:
Reply from 172.16.1.4: bytes=32 time=3ms TTL=127
Reply from 172.16.1.4: bytes=32 time=2ms TTL=127
Reply from 172.16.1.4: bytes=32 time=3ms TTL=127
Reply from 172.16.1.4: bytes=32 time=4ms TTL=127

Ping statistics for 172.16.1.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 4ms, Average = 3ms

C:\Users\Administrator>

WinSer2019_3 (Routing Enable-RIPv2) [Running] - Oracle VM VirtualBox

NET!

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter -CMI-/*

No.	Time	Source	Destination	Protocol	Length	Info
317	245.728182	10.10.10.1	172.16.1.4	TCP	54	235 → 49734 [FIN, ACK] Seq=549 Ack=498 Win=2101248 Len=0
318	245.728573	172.16.1.4	10.10.10.1	TCP	60	49737 → 49671 [FIN, ACK] Seq=1177 Ack=1097 Win=2101248 Len=0
319	245.730255	10.10.10.1	172.16.1.4	TCP	54	49671 → 49737 [ACK] Seq=1097 Ack=1178 Win=2101248 Len=0
320	245.730255	10.10.10.1	172.16.1.4	TCP	54	49671 → 49737 [FIN, ACK] Seq=1097 Ack=1178 Win=2101248 Len=0
321	245.730644	172.16.1.4	10.10.10.1	TCP	60	49734 → 135 [ACK] Seq=498 Ack=550 Win=2101768 Len=0
322	245.731959	172.16.1.4	10.10.10.1	TCP	60	49737 → 49671 [ACK] Seq=1178 Ack=1098 Win=2101248 Len=0
323	240.018447	10.10.10.1	172.16.1.4	ESP	110	ESP (SPI=0xfa3fafbc)
324	240.020561	172.16.1.4	10.10.10.1	ESP	110	ESP (SPI=0xb0de738e)
325	240.043735	10.10.10.1	172.16.1.4	ESP	110	ESP (SPI=0xfa3fafbc)
326	240.046832	172.16.1.4	10.10.10.1	ESP	110	ESP (SPI=0xb0de738e)
327	250.079783	10.10.10.1	172.16.1.4	ESP	110	ESP (SPI=0xfa3fafbc)
328	250.081135	172.16.1.4	10.10.10.1	ESP	110	ESP (SPI=0xb0de738e)
329	251.113256	10.10.10.1	172.16.1.4	ESP	110	ESP (SPI=0xfa3fafbc)
330	251.113365	172.16.1.4	10.10.10.1	ESP	110	ESP (SPI=0xb0de738e)
331	252.567352	PcsCompu_99:62:f8	PcsCompu_56:8a:19	ARP	42	Who has 172.16.1.4? Tell 172.16.1.3
332	252.568304	PcsCompu_56:8a:19	PcsCompu_99:62:f8	ARP	60	172.16.1.4 is at 08:00:27:56:8a:19

> Frame 328: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on 0
> Ethernet II, Src: PcsCompu_56:8a:19 (08:00:27:56:8a:19), Dst: PcsCompu_99:62:f8 (08:00:27:56:8a:19)
> Internet Protocol Version 4, Src: 172.16.1.4, Dst: 10.10.10.1
> Encapsulating Security Payload
0000 08 00 27 56 f8 00 00 27 56 8a 19 00 00 45 00 ... b ... V ...
0020 00 00 ad 3f 00 00 00 32 c0 00 10 01 00 0a 0a ... 2 ...
0040 0a 01 db de 73 0e 00 00 00 0b 2c 31 c4 f7 a4 ... s ...
0060 50 f5 ef c1 06 ad 1a 4d be c5 90 75 1f a7 60 ... P Conf N ...
0080 96 81 87 6e 72 50 08 00 25 b0 15 b7 1b e7 31 99 ... nrP ...
00a0 1a d5 5b 1f 10 23 9e a9 2e ef 08 d9 d8 33 37 ... [...
00c0 ac 0b d8 06 09 41 5f 14 fc 45 78 f3 da bd ... IA ... Ek ...

wireshark.NET!SNITZC2.pcapng

Packets: 332 · Displayed: 332 (100.0%)

Profile: Default

WinSer2019_4 (Initial) [Running] - Oracle VM VirtualBox

Recycle Bin

Select Administrator Command Prompt - ping 10.10.10.1

Microsoft Windows [Version 10.0.17763.1099]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator.DOMAINI>ping 10.10.10.4

Pinging 10.10.10.4 with 32 bytes of data:
Control-C

C:\Users\Administrator.DOMAINI>ping 10.10.10.1

Pinging 10.10.10.1 with 32 bytes of data:
Reply from 10.10.10.1: bytes=32 time=3ms TTL=127
Reply from 10.10.10.1: bytes=32 time=2ms TTL=127
Reply from 10.10.10.1: bytes=32 time=4ms TTL=127

Bài 01 - Adobe Acrobat Pro DC (32-bit)

File Edit View Sign Window Help

Home Tools

Bài 01 x

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100%

Sign In

Biên soạn: TS. Nguyễn Việt Hà CS205b - Network & System Administration (Practice)

7. Cấu hình bảo mật mã hóa các gói tin ICMP trong mạng sử dụng mã hóa Kerberos.

- Tạo GPO mới trong domain1.local.
- chỉnh sửa GPO vừa tạo (edit) → Computer Configuration → Policies → Windows Settings → Security Settings → IP Security Policies on Active Directory → Phải chuột chọn → Create IP Security Policy → Next → Đặt tên tùy ý → Next → Next → Finish → Add... → Next → Next → Next → Chọn All ICMP Traffic → Next → Require Security → Next → Next → Finish
- Phải chuột lên chính sách vừa tạo → Assign.

8. Khởi động lại Máy PC1, sau đó khởi động lại máy PC4. Thực hiện lại câu 6 và kiểm tra kết quả.