# CompTIA

## Exam Questions PT0-002

CompTIA PenTest+ Certification Exam

**NEW QUESTION 1**
Which of the following should a penetration tester attack to gain control of the state in the HTTP protocol after the user is logged in?

A. HTTPS communication
B. Public and private keys
C. Password encryption
D. Sessions and cookies

**Answer:** D

**NEW QUESTION 2**
In an unprotected network file repository, a penetration tester discovers a text file containing usernames and passwords in cleartext and a spreadsheet containing data for 50 employees, including full names, roles, and serial numbers. The tester realizes some of the passwords in the text file follow the format: <name-serial_number>. Which of the following would be the best action for the tester to take NEXT with this information?

A. Create a custom password dictionary as preparation for password spray testing.
B. Recommend using a password manage/vault instead of text files to store passwords securely.
C. Recommend configuring password complexity rules in all the systems and applications.
D. Document the unprotected file repository as a finding in the penetration-testing report.

**Answer:** D

**NEW QUESTION 3**
Which of the following documents describes specific activities, deliverables, and schedules for a penetration tester?

A. NDA
B. MSA
C. SOW
D. MOU

**Answer:** C

**NEW QUESTION 4**
A penetration tester conducted an assessment on a web server. The logs from this session show the following:
http://www.thecompanydomain.com/servicestatus.php?serviceID=892&serviceID=892 ' ; DROP TABLE SERVICES; -
Which of the following attacks is being attempted?

A. Clickjacking
B. Session hijacking
C. Parameter pollution
D. Cookie hijacking
E. Cross-site scripting

**Answer:** C

**NEW QUESTION 5**
A penetration tester wants to identify CVEs that can be leveraged to gain execution on a Linux server that has an SSHD running. Which of the following would BEST support this task?

A. Run nmap with the –o, -p22, and –sC options set against the target
B. Run nmap with the –sV and –p22 options set against the target
C. Run nmap with the --script vulners option set against the target
D. Run nmap with the –sA option set against the target

**Answer:** B

**NEW QUESTION 6**
A company that developers embedded software for the automobile industry has hired a penetration-testing team to evaluate the security of its products prior to delivery. The penetration-testing team has stated its intent to subcontract to a reverse-engineering team capable of analyzing binaries to develop proof-of-concept exploits. The software company has requested additional background investigations on the reverse- engineering team prior to approval of the subcontract. Which of the following concerns would BEST support the software company's request?

A. The reverse-engineering team may have a history of selling exploits to third parties.
B. The reverse-engineering team may use closed-source or other non-public information feeds for its analysis.
C. The reverse-engineering team may not instill safety protocols sufficient for the automobile industry.
D. The reverse-engineering team will be given access to source code for analysis.

**Answer:** A

**NEW QUESTION 7**
A penetration tester is preparing to perform activities for a client that requires minimal disruption to company operations. Which of the following are considered passive reconnaissance tools? (Choose two.)

A. Wireshark
B. Nessus

C. Retina
D. Burp Suite
E. Shodan
F. Nikto

**Answer:** AE

**NEW QUESTION 8**
Which of the following would MOST likely be included in the final report of a static application-security test that was written with a team of application developers as the intended audience?

A. Executive summary of the penetration-testing methods used
B. Bill of materials including supplies, subcontracts, and costs incurred during assessment
C. Quantitative impact assessments given a successful software compromise
D. Code context for instances of unsafe type-casting operations

**Answer:** C

**NEW QUESTION 9**
A penetration tester wants to perform reconnaissance without being detected. Which of the following activities have a MINIMAL chance of detection? (Choose two.)

A. Open-source research
B. A ping sweep
C. Traffic sniffing
D. Port knocking
E. A vulnerability scan
F. An Nmap scan

**Answer:** AC

**NEW QUESTION 10**
Which of the following expressions in Python increase a variable val by one (Choose two.)

A. val++
B. +val
C. val=(val+1)
D. ++val
E. val=val++
F. val+=1

**Answer:** DF

**NEW QUESTION 10**
A company becomes concerned when the security alarms are triggered during a penetration test. Which of the following should the company do NEXT?

A. Halt the penetration test.
B. Contact law enforcement.
C. Deconflict with the penetration tester.
D. Assume the alert is from the penetration test.

**Answer:** B

**NEW QUESTION 12**
A penetration tester discovers that a web server within the scope of the engagement has already been compromised with a backdoor. Which of the following should the penetration tester do NEXT?

A. Forensically acquire the backdoor Trojan and perform attribution
B. Utilize the backdoor in support of the engagement
C. Continue the engagement and include the backdoor finding in the final report
D. Inform the customer immediately about the backdoor

**Answer:** D

**NEW QUESTION 17**
A penetration tester has gained access to a network device that has a previously unknown IP range on an interface. Further research determines this is an always-on VPN tunnel to a third-party supplier.
Which of the following is the BEST action for the penetration tester to take?

A. Utilize the tunnel as a means of pivoting to other internal devices.
B. Disregard the IP range, as it is out of scope.
C. Stop the assessment and inform the emergency contact.
D. Scan the IP range for additional systems to exploit.

**Answer:** D

**NEW QUESTION 20**
Which of the following is the MOST common vulnerability associated with IoT devices that are directly connected to the Internet?

A. Unsupported operating systems
B. Susceptibility to DDoS attacks
C. Inability to network
D. The existence of default passwords

**Answer:** A

**NEW QUESTION 22**
A penetration tester has been hired to configure and conduct authenticated scans of all the servers on a software company's network. Which of the following accounts should the tester use to return the MOST results?

A. Root user
B. Local administrator
C. Service
D. Network administrator

**Answer:** C

**NEW QUESTION 24**
Which of the following is the MOST effective person to validate results from a penetration test?

A. Third party
B. Team leader
C. Chief Information Officer
D. Client

**Answer:** B

**NEW QUESTION 26**
A penetration tester is attempting to discover live hosts on a subnet quickly. Which of the following commands will perform a ping scan?

A. nmap -sn 10.12.1.0/24
B. nmap -sV -A 10.12.1.0/24
C. nmap -Pn 10.12.1.0/24
D. nmap -sT -p- 10.12.1.0/24

**Answer:** A

**NEW QUESTION 28**
The results of an Nmap scan are as follows:

```
Starting Nmap 7.80 ( https://nmap.org ) at 2021-01-24 01:10 EST Nmap scan report for ( 10.2.1.22 )
Host is up (0.0102s latency). Not shown: 998 filtered ports Port State Service
80/tcp open http
|_http-title: 80F 22% RH 1009.1MB (text/html)
|_http-slowloris-check:
| VULNERABLE:
| Slowloris DoS Attack
| <..>
Device type: bridge|general purpose
Running (JUST GUESSING) : QEMU (95%)
OS CPE: cpe:/a:qemu:qemu
No exact OS matches found for host (test conditions non-ideal).
OS detection performed. Please report any incorrect results at https://nmap.org/submit/. Nmap done: 1 IP address (1 host up) scanned in 107.45 seconds
```

Which of the following device types will MOST likely have a similar response? (Choose two.)

A. Network device
B. Public-facing web server
C. Active Directory domain controller
D. IoT/embedded device
E. Exposed RDP
F. Print queue

**Answer:** AB

**NEW QUESTION 29**
Which of the following should a penetration tester do NEXT after identifying that an application being tested has already been compromised with malware?

A. Analyze the malware to see what it does.
B. Collect the proper evidence and then remove the malware.
C. Do a root-cause analysis to find out how the malware got in.
D. Remove the malware immediately.
E. Stop the assessment and inform the emergency contact.

**Answer:** E

**NEW QUESTION 30**

A penetration tester runs a scan against a server and obtains the following output: 21/tcp open ftp Microsoft ftpd

```
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
| 03-12-20 09:23AM 331 index.aspx
| ftp-syst:
135/tcp open msrpc Microsoft Windows RPC
139/tcp open netbios-ssn Microsoft Windows netbios-ssn 445/tcp open microsoft-ds Microsoft Windows Server 2012 Std 3389/tcp open ssl/ms-wbt-server
| rdp-ntlm-info:
| Target Name: WEB3
| NetBIOS_Computer_Name: WEB3
| Product_Version: 6.3.9600
|_ System_Time: 2021-01-15T11:32:06+00:00
8443/tcp open http Microsoft IIS httpd 8.5
| http-methods:
|_ Potentially risky methods: TRACE
|_http-server-header: Microsoft-IIS/8.5
|_http-title: IIS Windows Server
```

Which of the following command sequences should the penetration tester try NEXT?

A. ftp 192.168.53.23
B. smbclient \\\\WEB3\\IPC$ -I 192.168.53.23 –U guest
C. ncrack –u Administrator –P 15worst_passwords.txt –p rdp 192.168.53.23
D. curl –X TRACE https://192.168.53.23:8443/index.aspx
E. nmap —script vuln –sV 192.168.53.23

**Answer:** A

**NEW QUESTION 33**

A Chief Information Security Officer wants a penetration tester to evaluate the security awareness level of the company's employees.
Which of the following tools can help the tester achieve this goal?

A. Metasploit
B. Hydra
C. SET
D. WPScan

**Answer:** A

**NEW QUESTION 35**

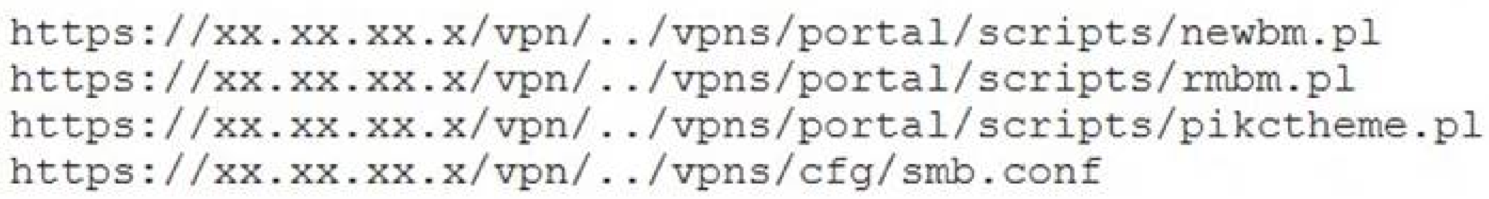
A penetration tester ran a ping –A command during an unknown environment test, and it returned a 128 TTL packet. Which of the following OSs would MOST likely return a packet of this type?

A. Windows
B. Apple
C. Linux
D. Android

**Answer:** A

**NEW QUESTION 38**

A penetration tester discovered a vulnerability that provides the ability to upload to a path via directory traversal. Some of the files that were discovered through this vulnerability are:



```
https://xx.xx.xx.x/vpn/../vpns/portal/scripts/newbm.pl
https://xx.xx.xx.x/vpn/../vpns/portal/scripts/rmbm.pl
https://xx.xx.xx.x/vpn/../vpns/portal/scripts/pikctheme.pl
https://xx.xx.xx.x/vpn/../vpns/cfg/smb.conf
```

Which of the following is the BEST method to help an attacker gain internal access to the affected machine?

A. Edit the discovered file with one line of code for remote callback
B. Download .pl files and look for usernames and passwords
C. Edit the smb.conf file and upload it to the server
D. Download the smb.conf file and look at configurations

**Answer:** C

**NEW QUESTION 39**

A penetration tester who is doing a company-requested assessment would like to send traffic to another system using double tagging. Which of the following techniques would BEST accomplish this goal?

A. RFID cloning
B. RFID tagging
C. Meta tagging
D. Tag nesting

**Answer:** C

**NEW QUESTION 42**
Penetration-testing activities have concluded, and the initial findings have been reviewed with the client. Which of the following best describes the NEXT step in the engagement?

A. Acceptance by the client and sign-off on the final report
B. Scheduling of follow-up actions and retesting
C. Attestation of findings and delivery of the report
D. Review of the lessons learned during the engagement

**Answer:** A

**NEW QUESTION 45**
A penetration tester is able to capture the NTLM challenge-response traffic between a client and a server. Which of the following can be done with the pcap to gain access to the server?

A. Perform vertical privilege escalation.
B. Replay the captured traffic to the server to recreate the session.
C. Use John the Ripper to crack the password.
D. Utilize a pass-the-hash attack.

**Answer:** D

**NEW QUESTION 46**
A penetration tester exploited a unique flaw on a recent penetration test of a bank. After the test was completed, the tester posted information about the exploit online along with the IP addresses of the exploited machines. Which of the following documents could hold the penetration tester accountable for this action?

A. ROE
B. SLA
C. MSA
D. NDA

**Answer:** D

**NEW QUESTION 49**
A company conducted a simulated phishing attack by sending its employees emails that included a link to a site that mimicked the corporate SSO portal. Eighty percent of the employees who received the email clicked the link and provided their corporate credentials on the fake site. Which of the following recommendations would BEST address this situation?

A. Implement a recurring cybersecurity awareness education program for all users.
B. Implement multifactor authentication on all corporate applications.
C. Restrict employees from web navigation by defining a list of unapproved sites in the corporate proxy.
D. Implement an email security gateway to block spam and malware from email communications.

**Answer:** A

**NEW QUESTION 51**
A penetration tester is starting an assessment but only has publicly available information about the target company. The client is aware of this exercise and is preparing for the test.
Which of the following describes the scope of the assessment?

A. Partially known environment testing
B. Known environment testing
C. Unknown environment testing
D. Physical environment testing

**Answer:** C

**NEW QUESTION 54**
In the process of active service enumeration, a penetration tester identifies an SMTP daemon running on one of the target company’s servers. Which of the following actions would BEST enable the tester to perform phishing in a later stage of the assessment?

A. Test for RFC-defined protocol conformance.
B. Attempt to brute force authentication to the service.
C. Perform a reverse DNS query and match to the service banner.
D. Check for an open relay configuration.

**Answer:** C

**NEW QUESTION 58**
A penetration tester has been hired to perform a physical penetration test to gain access to a secure room within a client’s building. Exterior reconnaissance identifies two entrances, a WiFi guest network, and multiple security cameras connected to the Internet.
Which of the following tools or techniques would BEST support additional reconnaissance?

A. Wardriving
B. Shodan
C. Recon-ng
D. Aircrack-ng

**Answer:** C

**NEW QUESTION 63**
A penetration tester was conducting a penetration test and discovered the network traffic was no longer reaching the client's IP address. The tester later discovered the SOC had used sinkholing on the penetration tester's IP address. Which of the following BEST describes what happened?

A. The penetration tester was testing the wrong assets
B. The planning process failed to ensure all teams were notified
C. The client was not ready for the assessment to start
D. The penetration tester had incorrect contact information

**Answer:** B

**NEW QUESTION 67**
A software company has hired a penetration tester to perform a penetration test on a database server. The tester has been given a variety of tools used by the company's privacy policy. Which of the following would be the BEST to use to find vulnerabilities on this server?

A. OpenVAS
B. Nikto
C. SQLmap
D. Nessus

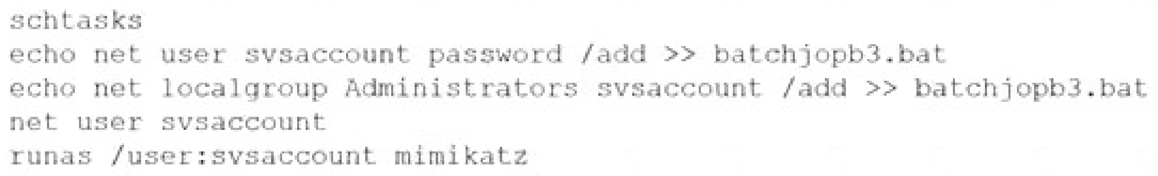
**Answer:** C

**NEW QUESTION 70**
Which of the following are the MOST important items to include in the final report for a penetration test?
(Choose two.)

A. The CVSS score of the finding
B. The network location of the vulnerable device
C. The vulnerability identifier
D. The client acceptance form
E. The name of the person who found the flaw
F. The tool used to find the issue

**Answer:** CF

**NEW QUESTION 74**
A penetration tester ran the following commands on a Windows server:



```
schtasks
echo net user svsaccount password /add >> batchjopb3.bat
echo net localgroup Administrators svsaccount /add >> batchjopb3.bat
net user svsaccount
runas /user:svsaccount mimikatz
```

Which of the following should the tester do AFTER delivering the final report?

A. Delete the scheduled batch job.
B. Close the reverse shell connection.
C. Downgrade the svsaccount permissions.
D. Remove the tester-created credentials.

**Answer:** D

**NEW QUESTION 76**
A company hired a penetration tester to do a social-engineering test against its employees. Although the tester did not find any employees' phone numbers on the company's website, the tester has learned the complete phone catalog was published there a few months ago.
In which of the following places should the penetration tester look FIRST for the employees' numbers?

A. Web archive
B. GitHub
C. File metadata
D. Underground forums

**Answer:** A

**NEW QUESTION 81**
A penetration tester wants to scan a target network without being detected by the client's IDS. Which of the following scans is MOST likely to avoid detection?

A. nmap –p0 –T0 –sS 192.168.1.10
B. nmap –sA –sV --host-timeout 60 192.168.1.10
C. nmap –f --badsum 192.168.1.10
D. nmap –A –n 192.168.1.10

**Answer:** B

**NEW QUESTION 84**
A security engineer identified a new server on the network and wants to scan the host to determine if it is running an approved version of Linux and a patched version of Apache. Which of the following commands will accomplish this task?

A. nmap –f –sV –p80 192.168.1.20
B. nmap –sS –sL –p80 192.168.1.20
C. nmap –A –T4 –p80 192.168.1.20
D. nmap –O –v –p80 192.168.1.20

**Answer:** C

**NEW QUESTION 86**
A consultant is reviewing the following output after reports of intermittent connectivity issues:
? (192.168.1.1) at 0a:d1:fa:b1:01:67 on en0 ifscope [ethernet]
? (192.168.1.12) at 34:a4:be:09:44:f4 on en0 ifscope [ethernet]
? (192.168.1.17) at 92:60:29:12:ac:d2 on en0 ifscope [ethernet]
? (192.168.1.34) at 88:de:a9:12:ce:fb on en0 ifscope [ethernet]
? (192.168.1.136) at 0a:d1:fa:b1:01:67 on en0 ifscope [ethernet]
? (192.168.1.255) at ff:ff:ff:ff:ff:ff on en0 ifscope [ethernet]
? (224.0.0.251) at 01:02:5e:7f:ff:fa on en0 ifscope permanent [ethernet]
? (239.255.255.250) at ff:ff:ff:ff:ff:ff on en0 ifscope permanent [ethernet] Which of the following is MOST likely to be reported by the consultant?

A. A device on the network has an IP address in the wrong subnet.
B. A multicast session was initiated using the wrong multicast group.
C. An ARP flooding attack is using the broadcast address to perform DDoS.
D. A device on the network has poisoned the ARP cache.

**Answer:** B

**NEW QUESTION 88**
A penetration tester has been given eight business hours to gain access to a client’s financial system. Which of the following techniques will have the highest likelihood of success?

A. Attempting to tailgate an employee going into the client's workplace
B. Dropping a malicious USB key with the company’s logo in the parking lot
C. Using a brute-force attack against the external perimeter to gain a foothold
D. Performing spear phishing against employees by posing as senior management

**Answer:** C

**NEW QUESTION 91**
A penetration tester who is performing a physical assessment of a company’s security practices notices the company does not have any shredders inside the office building. Which of the following techniques would be BEST to use to gain confidential information?

A. Badge cloning
B. Dumpster diving
C. Tailgating
D. Shoulder surfing

**Answer:** B

**NEW QUESTION 93**
A penetration tester would like to obtain FTP credentials by deploying a workstation as an on-path attack between the target and the server that has the FTP protocol. Which of the following methods would be the BEST to accomplish this objective?

A. Wait for the next login and perform a downgrade attack on the server.
B. Capture traffic using Wireshark.
C. Perform a brute-force attack over the server.
D. Use an FTP exploit against the server.

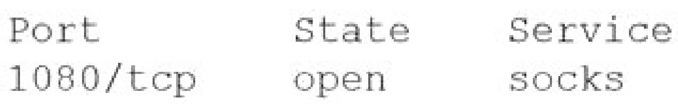
**Answer:** B

**NEW QUESTION 98**
A penetration tester runs the following command on a system:
find / -user root –perm -4000 –print 2>/dev/null
Which of the following is the tester trying to accomplish?

A. Set the SGID on all files in the / directory
B. Find the /root directory on the system
C. Find files with the SUID bit set
D. Find files that were created during exploitation and move them to /dev/null

**Answer:** C

**NEW QUESTION 99**
A penetration tester conducts an Nmap scan against a target and receives the following results:



```
Port        State    Service
1080/tcp    open     socks
```

Which of the following should the tester use to redirect the scanning tools using TCP port 1080 on the target?

A. Nessus
B. ProxyChains
C. OWASPZAP
D. Empire

**Answer:** B

**NEW QUESTION 100**
A penetration tester has identified several newly released CVEs on a VoIP call manager. The scanning tool the tester used determined the possible presence of the CVEs based off the version number of the service. Which of the following methods would BEST support validation of the possible findings?

A. Manually check the version number of the VoIP service against the CVE release
B. Test with proof-of-concept code from an exploit database
C. Review SIP traffic from an on-path position to look for indicators of compromise
D. Utilize an nmap –sV scan against the service

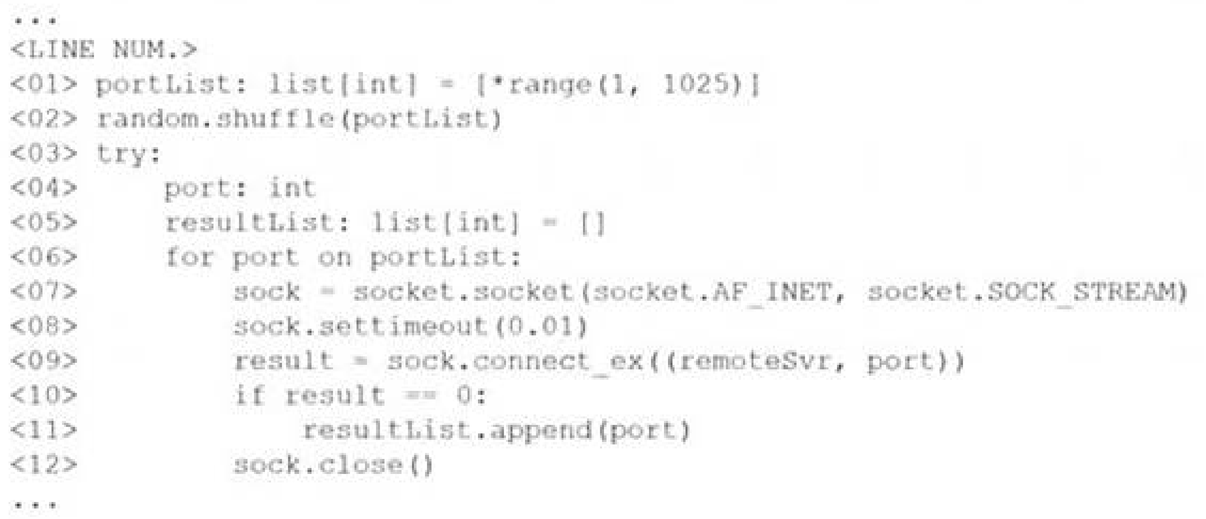
**Answer:** D

**NEW QUESTION 103**
A company is concerned that its cloud VM is vulnerable to a cyberattack and proprietary data may be stolen. A penetration tester determines a vulnerability does exist and exploits the vulnerability by adding a fake VM instance to the IaaS component of the client's VM. Which of the following cloud attacks did the penetration tester MOST likely implement?

A. Direct-to-origin
B. Cross-site scripting
C. Malware injection
D. Credential harvesting

**Answer:** A

**NEW QUESTION 108**
The following line-numbered Python code snippet is being used in reconnaissance:



```
...
<LINE NUM.>
<01> portList: list[int] = [*range(1, 1025)]
<02> random.shuffle(portList)
<03> try:
<04>     port: int
<05>     resultList: list[int] = []
<06>     for port on portList:
<07>         sock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
<08>         sock.settimeout(0.01)
<09>         result = sock.connect_ex((remoteSvr, port))
<10>         if result == 0:
<11>             resultList.append(port)
<12>         sock.close()
...
```

Which of the following line numbers from the script MOST likely contributed to the script triggering a “probable port scan” alert in the organization's IDS?

A. Line 01
B. Line 02
C. Line 07
D. Line 08

**Answer:** A

**NEW QUESTION 112**
Which of the following BEST describes why a client would hold a lessons-learned meeting with the penetration-testing team?

A. To provide feedback on the report structure and recommend improvements
B. To discuss the findings and dispute any false positives
C. To determine any processes that failed to meet expectations during the assessment
D. To ensure the penetration-testing team destroys all company data that was gathered during the test

**Answer:** C

**NEW QUESTION 117**
A penetration tester runs the unshadow command on a machine. Which of the following tools will the tester most likely use NEXT?

A. John the Ripper
B. Hydra

C. Mimikatz
D. Cain and Abel

**Answer:** A

**NEW QUESTION 121**
A penetration tester is scanning a corporate lab network for potentially vulnerable services. Which of the following Nmap commands will return vulnerable ports that might be interesting to a potential attacker?

A. nmap192.168.1.1-5–PU22-25,80
B. nmap192.168.1.1-5–PA22-25,80
C. nmap192.168.1.1-5–PS22-25,80
D. nmap192.168.1.1-5–Ss22-25,80

**Answer:** C

**NEW QUESTION 125**
A penetration tester was able to gather MD5 hashes from a server and crack the hashes easily with rainbow tables.
Which of the following should be included as a recommendation in the remediation report?

A. Stronger algorithmic requirements
B. Access controls on the server
C. Encryption on the user passwords
D. A patch management program

**Answer:** C

**NEW QUESTION 128**
A penetration tester discovers during a recent test that an employee in the accounting department has been making changes to a payment system and redirecting money into a personal bank account. The penetration test was immediately stopped. Which of the following would be the BEST recommendation to prevent this type of activity in the future?

A. Enforce mandatory employee vacations
B. Implement multifactor authentication
C. Install video surveillance equipment in the office
D. Encrypt passwords for bank account information

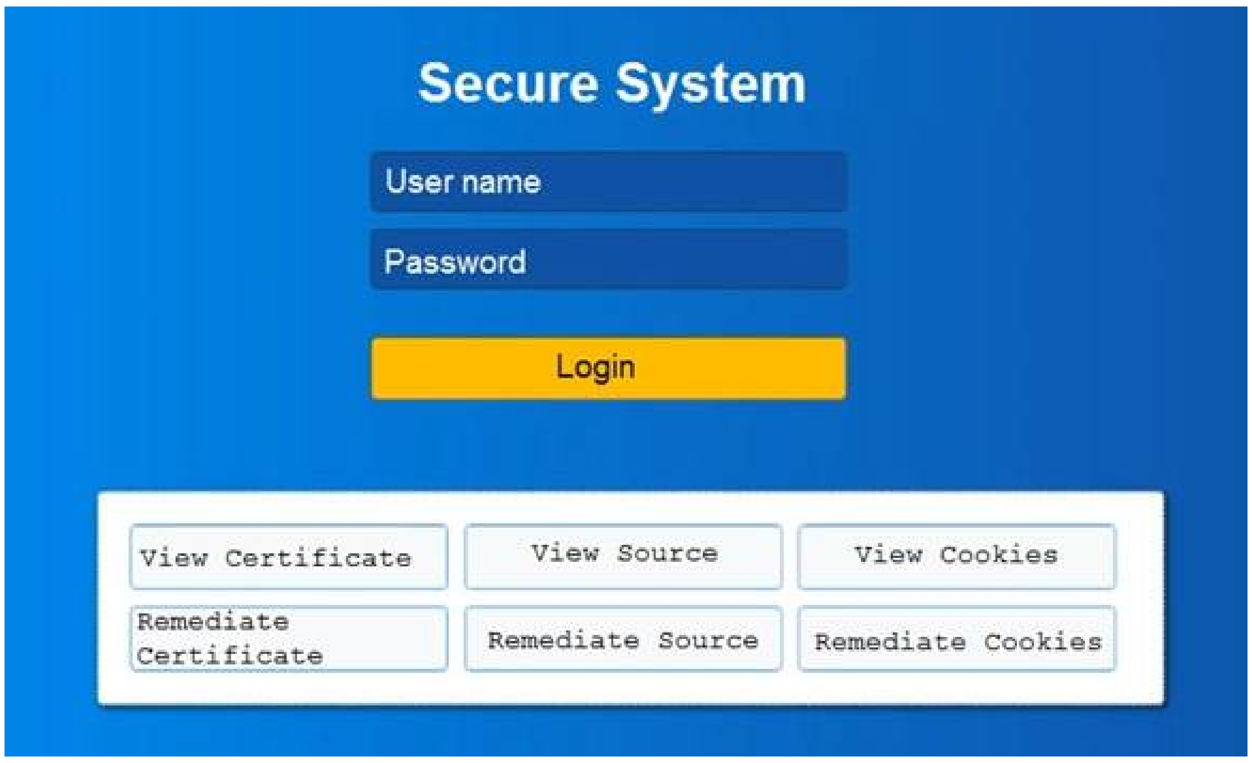
**Answer:** B

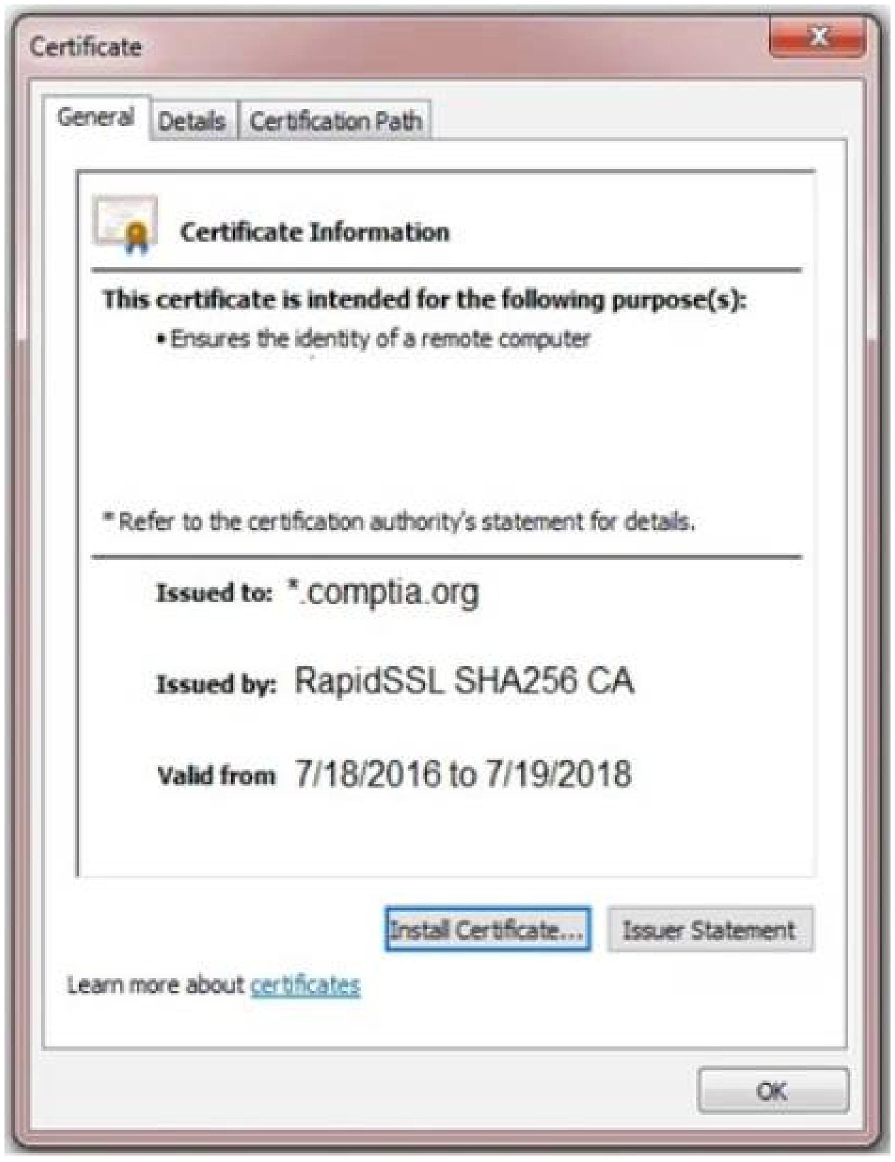
**NEW QUESTION 131**
During a penetration-testing engagement, a consultant performs reconnaissance of a client to identify potential targets for a phishing campaign. Which of the following would allow the consultant to retrieve email addresses for technical and billing contacts quickly, without triggering any of the client's cybersecurity tools? (Choose two.)

A. Scraping social media sites
B. Using the WHOIS lookup tool
C. Crawling the client's website
D. Phishing company employees
E. Utilizing DNS lookup tools
F. Conducting wardriving near the client facility

**Answer:** BC

**NEW QUESTION 134**
You are a penetration tester reviewing a client's website through a web browser. INSTRUCTIONS
Review all components of the website through the browser to determine if vulnerabilities are present. Remediate ONLY the highest vulnerability from either the certificate, source, or cookies.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.





Certificate Information

This certificate is intended for the following purpose(s):

- Ensures the identity of a remote computer

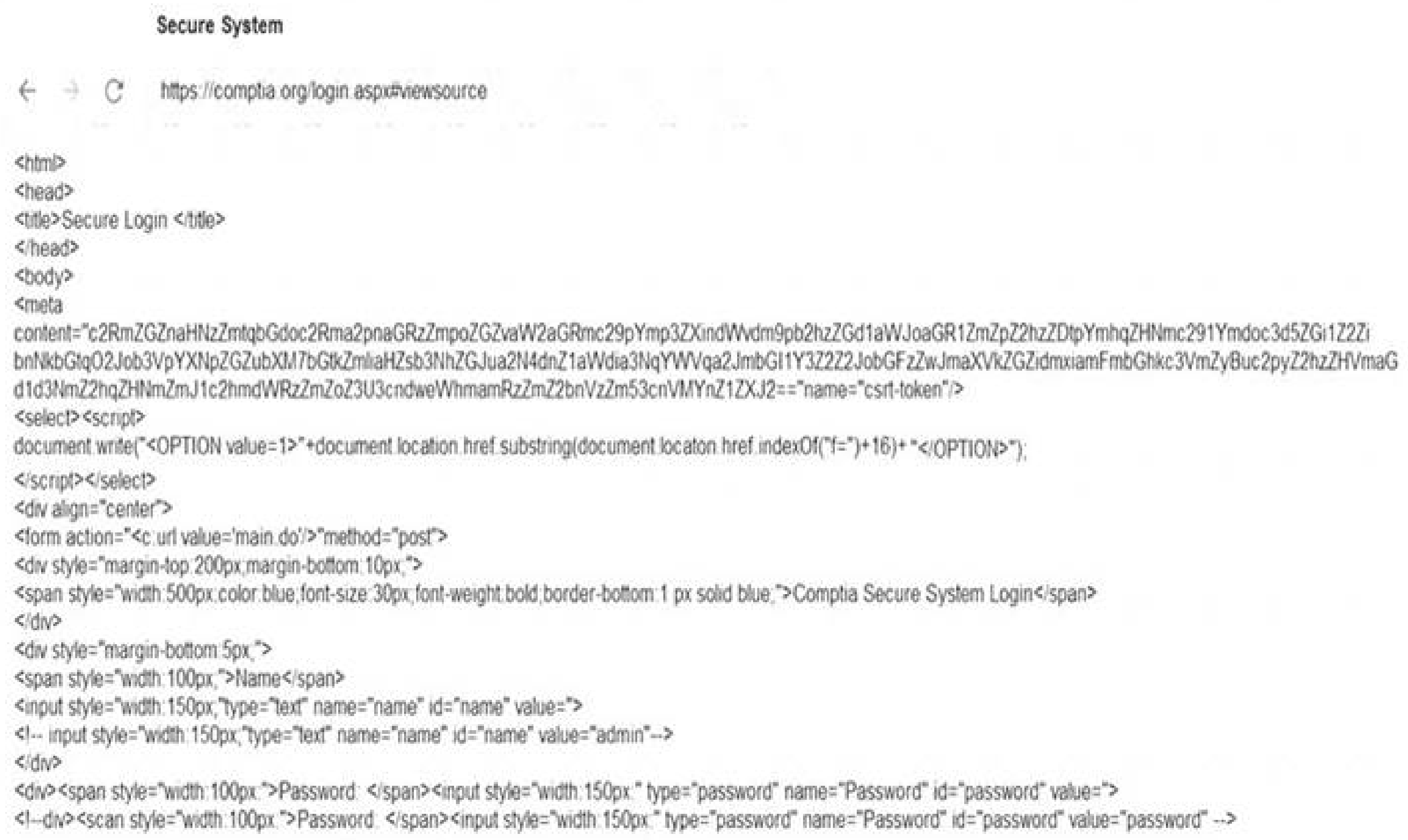
* Refer to the certification authority's statement for details.

Issued to: *.comptia.org

Issued by: RapidSSL SHA256 CA

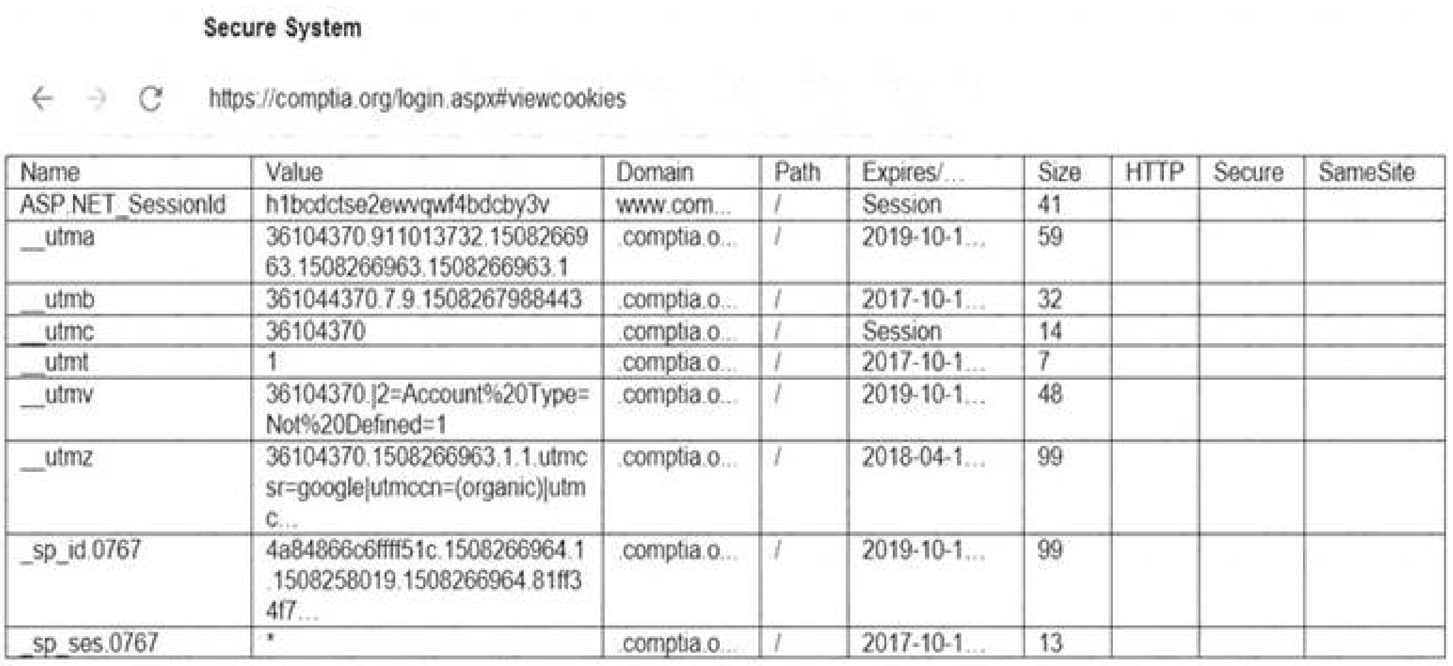
Valid from 7/18/2016 to 7/19/2018

Learn more about certificates


Secure System

https://comptia.org/login.aspx#viewsource

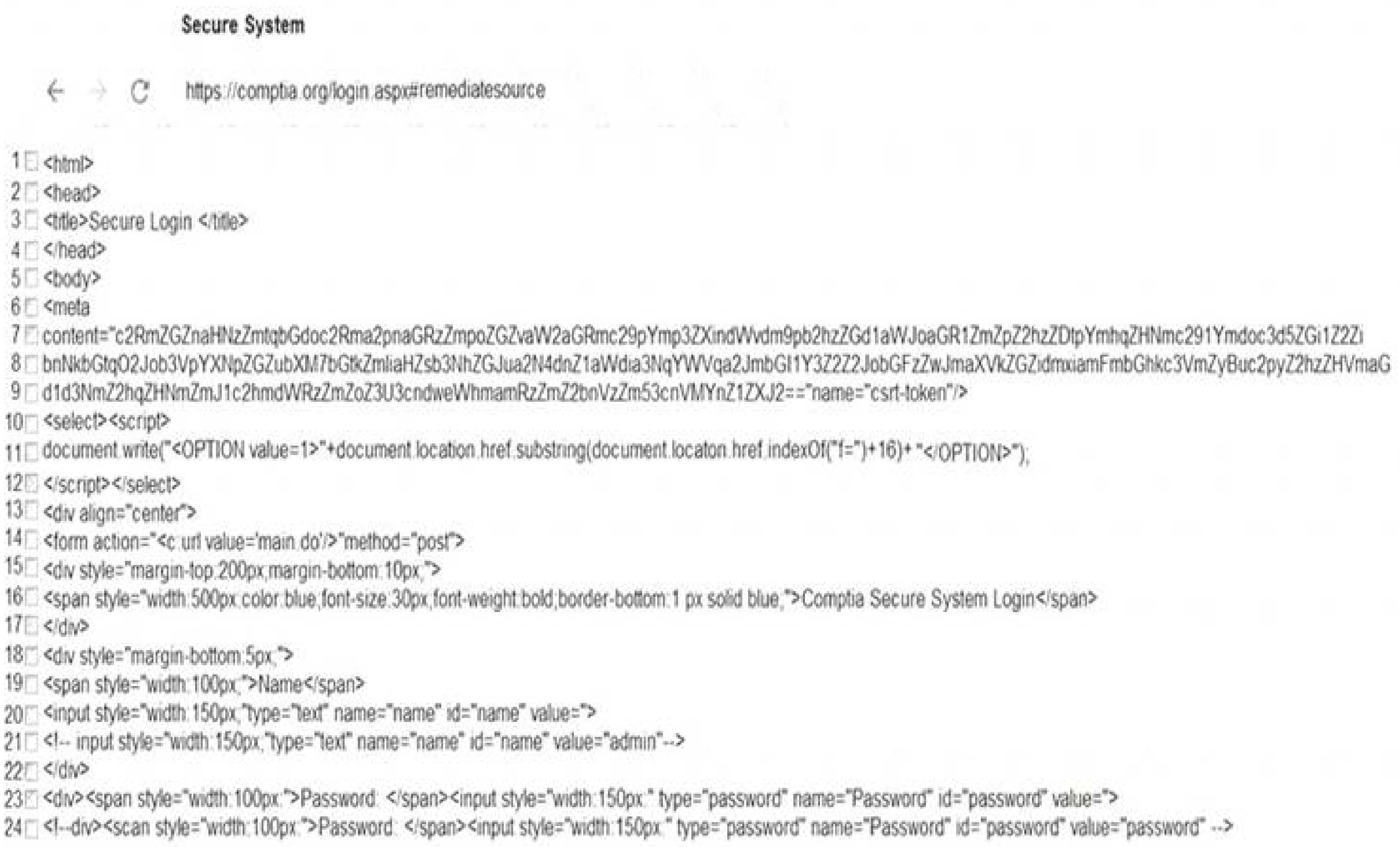
```
<html>
<head>
<title>Secure Login </title>
</head>
<body>
<meta
content="c2RmZGZnaHNzZmtqbGdoc2Rma2pnaGRzZmpoZGZvaW2aGRmc29pYmp3ZXindWvdm9pb2hzZGd1aWJoaGR1ZmZpZ2hzZDtpYmhqZHNmc291Ymdoc3d5ZGi1Z2Zi
bnNkbGtqO2Job3VpYXNpZGZubXM7bGtkZmliaHZsb3NhZGJua2N4dnZ1aWdia3NqYWVqa2JmbGI1Y3Z2Z2JobGFzZwJmaXVkZGZidmxiamFmbGhkc3VmZyBuc2pyZ2hzZHVmaG
d1d3NmZ2hqZHNmZmJ1c2hmdWRzZmZoZ3U3cndweWhmamRzZmZ2bnVzZm53cnVMYnZ1ZXJ2=="name="csrt-token"/>
<select><script>
document.write("<OPTION value=1>"+document.location.href.substring(document.locaton.href.indexOf("f=")+16)+"</OPTION>");
</script></select>
<div align="center">
<form action="<c:url value='main.do'/>"method="post">
<div style="margin-top:200px;margin-bottom:10px;">
<span style="width:500px;color:blue;font-size:30px;font-weight:bold;border-bottom:1 px solid blue;">Comptia Secure System Login</span>
</div>
<div style="margin-bottom:5px;">
<span style="width:100px;">Name</span>
<input style="width:150px;"type="text" name="name" id="name" value=">
<!-- input style="width:150px;"type="text" name="name" id="name" value="admin"-->
</div>
<div><span style="width:100px:">Password: </span><input style="width:150px:" type="password" name="Password" id="password" value=">
<!--div><scan style="width:100px:">Password: </span><input style="width:150px:" type="password" name="Password" id="password" value="password" -->
```



Secure System

https://comptia.org/login.aspx#viewcookies

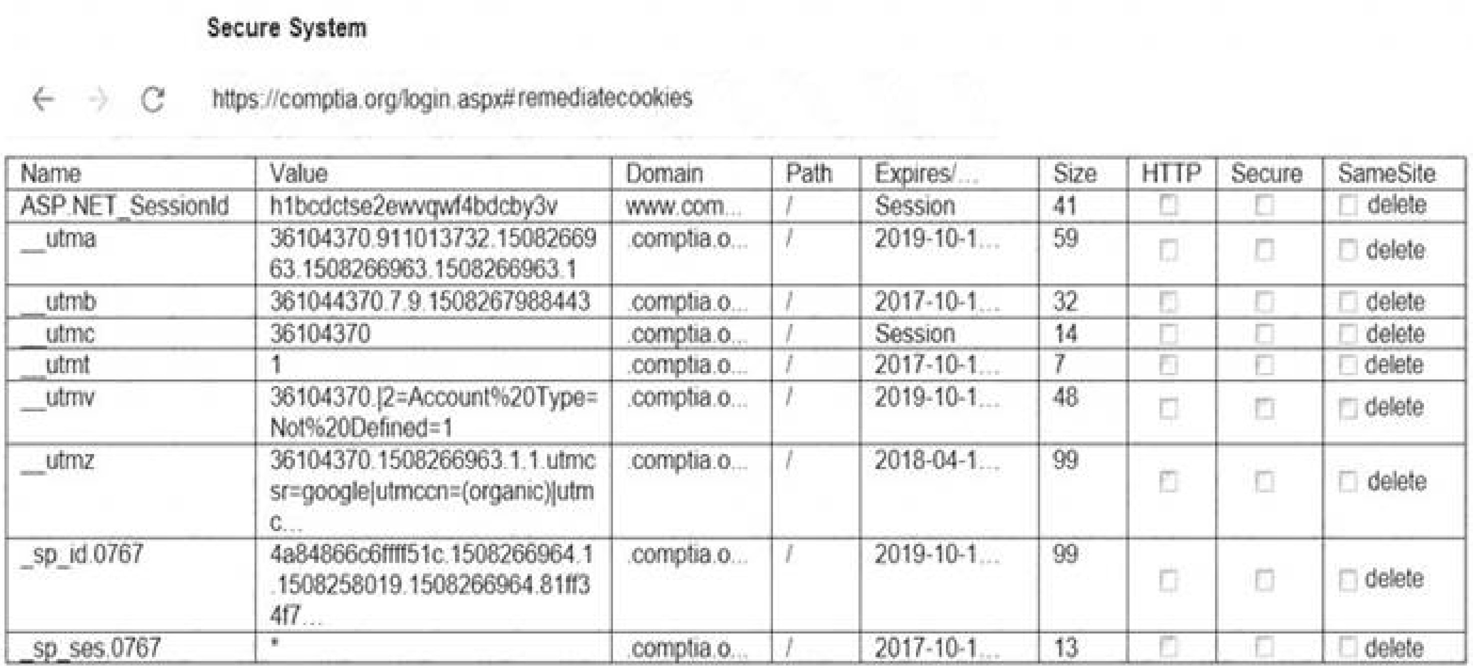
| Name | Value | Domain | Path | Expires/... | Size | HTTP | Secure | SameSite |
|---|---|---|---|---|---|---|---|---|
| ASP.NET_SessionId | h1bcdctse2ewvqwf4bdcby3v | www.com... | / | Session | 41 | | | |
| __utma | 36104370.911013732.1508266963.1508266963.1508266963.1 | .comptia.o... | / | 2019-10-1... | 59 | | | |
| __utmb | 361044370.7.9.1508267988443 | .comptia.o... | / | 2017-10-1... | 32 | | | |
| __utmc | 36104370 | .comptia.o... | / | Session | 14 | | | |
| __utmt | 1 | .comptia.o... | / | 2017-10-1... | 7 | | | |
| __utmv | 36104370.|2=Account%20Type=Not%20Defined=1 | .comptia.o... | / | 2019-10-1... | 48 | | | |
| __utmz | 36104370.1508266963.1.1.utmcsr=google\|utmccn=(organic)\|utmc... | .comptia.o... | / | 2018-04-1... | 99 | | | |
| _sp_id.0767 | 4a84866c6ffff51c.1508266964.1.1508258019.1508266964.81ff34f7... | .comptia.o... | / | 2019-10-1... | 99 | | | |
| _sp_ses.0767 | * | .comptia.o... | / | 2017-10-1... | 13 | | | |



Secure System

https://comptia.org/login.aspx#remediatesource

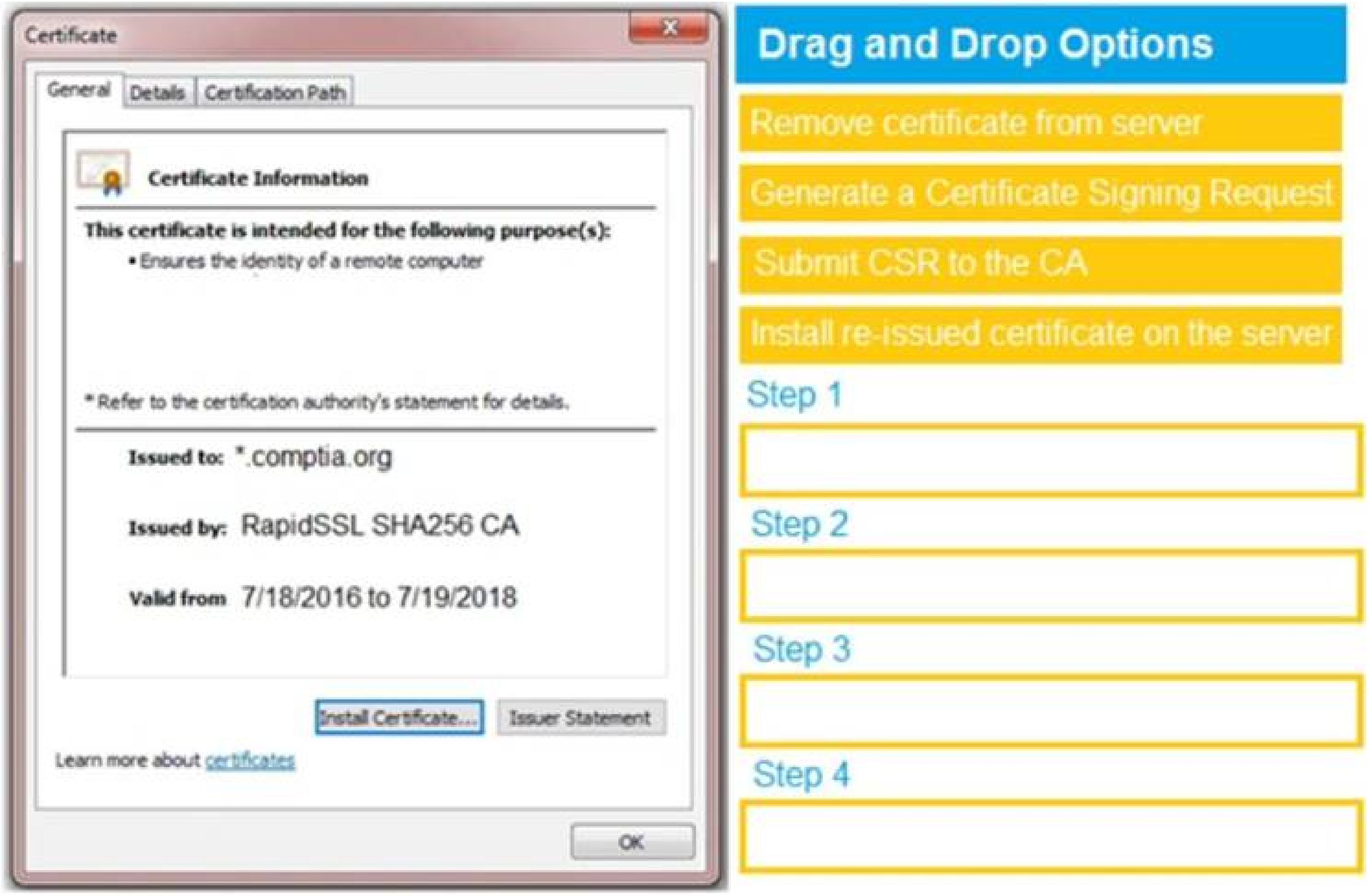
```
1 □ <html>
2 □ <head>
3 □ <title>Secure Login </title>
4 □ </head>
5 □ <body>
6 □ <meta
7 □ content="c2RmZGZnaHNzZmtqbGdoc2Rma2pnaGRzZmpoZGZvaW2aGRmc29pYmp3ZXindWvdm9pb2hzZGd1aWJoaGR1ZmZpZ2hzZDtpYmhqZHNmc291Ymdoc3d5ZGi1Z2Zi
8 □ bnNkbGtqO2Job3VpYXNpZGZubXM7bGtkZmliaHZsb3NhZGJua2N4dnZ1aWdia3NqYWVqa2JmbGI1Y3Z2Z2JobGFzZwJmaXVkZGZidmxiamFmbGhkc3VmZyBuc2pyZ2hzZHVmaG
9 □ d1d3NmZ2hqZHNmZmJ1c2hmdWRzZmZoZ3U3cndweWhmamRzZmZ2bnVzZm53cnVMYnZ1ZXJ2=="name="csrt-token"/>
10 □ <select><script>
11 □ document.write("<OPTION value=1>"+document.location.href.substring(document.locaton.href.indexOf("f=")+16)+"</OPTION>");
12 □ </script></select>
13 □ <div align="center">
14 □ <form action="<c:url value='main.do'/>"method="post">
15 □ <div style="margin-top:200px;margin-bottom:10px;">
16 □ <span style="width:500px;color:blue;font-size:30px;font-weight:bold;border-bottom:1 px solid blue;">Comptia Secure System Login</span>
17 □ </div>
18 □ <div style="margin-bottom:5px;">
19 □ <span style="width:100px;">Name</span>
20 □ <input style="width:150px;"type="text" name="name" id="name" value=">
21 □ <!-- input style="width:150px;"type="text" name="name" id="name" value="admin"-->
22 □ </div>
23 ☑ <div><span style="width:100px;">Password: </span><input style="width:150px;" type="password" name="Password" id="password" value=">
24 □ <!--div><scan style="width:100px;">Password: </span><input style="width:150px;" type="password" name="Password" id="password" value="password" -->
```



Secure System

https://comptia.org/login.aspx#remediatecookies

| Name | Value | Domain | Path | Expires/... | Size | HTTP | Secure | SameSite |
|---|---|---|---|---|---|---|---|---|
| ASP.NET_SessionId | h1bcdctse2ewvqwf4bdcby3v | www.com... | / | Session | 41 | □ | □ | □ delete |
| __utma | 36104370.911013732.1508266963.1508266963.1508266963.1 | .comptia.o... | / | 2019-10-1... | 59 | □ | □ | □ delete |
| __utmb | 361044370.7.9.1508267988443 | .comptia.o... | / | 2017-10-1... | 32 | □ | □ | □ delete |
| __utmc | 36104370 | .comptia.o... | / | Session | 14 | □ | □ | □ delete |
| __utmt | 1 | .comptia.o... | / | 2017-10-1... | 7 | □ | □ | □ delete |
| __utmv | 36104370.|2=Account%20Type=Not%20Defined=1 | .comptia.o... | / | 2019-10-1... | 48 | □ | □ | □ delete |
| __utmz | 36104370.1508266963.1.1.utmcsr=google\|utmccn=(organic)\|utmc... | .comptia.o... | / | 2018-04-1... | 99 | □ | □ | □ delete |
| _sp_id.0767 | 4a84866c6ffff51c.1508266964.1.1508258019.1508266964.81ff34f7... | .comptia.o... | / | 2019-10-1... | 99 | □ | □ | □ delete |
| _sp_ses.0767 | * | .comptia.o... | / | 2017-10-1... | 13 | □ | □ | □ delete |



Certificate Information

This certificate is intended for the following purpose(s):

- Ensures the identity of a remote computer

* Refer to the certification authority's statement for details.

Issued to: *.comptia.org

Issued by: RapidSSL SHA256 CA

Valid from 7/18/2016 to 7/19/2018

Learn more about certificates

Drag and Drop Options

Remove certificate from server

Generate a Certificate Signing Request

Submit CSR to the CA

Install re-issued certificate on the server

Step 1

Step 2

Step 3

Step 4

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Graphical user interface Description automatically generated

**NEW QUESTION 137**
A company has hired a penetration tester to deploy and set up a rogue access point on the network. Which of the following is the BEST tool to use to accomplish this goal?

A. Wireshark
B. Aircrack-ng
C. Kismet
D. Wifite

**Answer:** B

**NEW QUESTION 142**
A red-team tester has been contracted to emulate the threat posed by a malicious insider on a company’s network, with the constrained objective of gaining access to sensitive personnel files. During the assessment, the red-team tester identifies an artifact indicating possible prior compromise within the target environment.
Which of the following actions should the tester take?

A. Perform forensic analysis to isolate the means of compromise and determine attribution.
B. Incorporate the newly identified method of compromise into the red team’s approach.
C. Create a detailed document of findings before continuing with the assessment.
D. Halt the assessment and follow the reporting procedures as outlined in the contract.

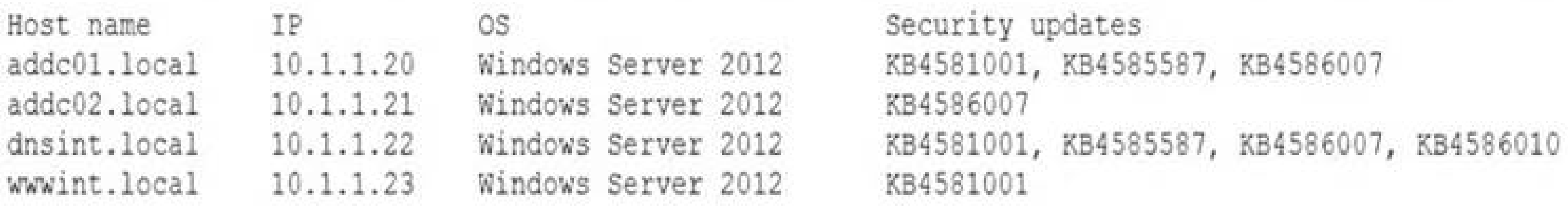
**Answer:** C

**NEW QUESTION 144**
An Nmap network scan has found five open ports with identified services. Which of the following tools should a penetration tester use NEXT to determine if any vulnerabilities with associated exploits exist on the open ports?

A. OpenVAS
B. Drozer
C. Burp Suite
D. OWASP ZAP

**Answer:** A

**NEW QUESTION 148**
A penetration tester conducted a vulnerability scan against a client’s critical servers and found the following:



```
Host name       IP          OS                    Security updates
addc01.local    10.1.1.20   Windows Server 2012   KB4581001, KB4585587, KB4586007
addc02.local    10.1.1.21   Windows Server 2012   KB4586007
dnsint.local    10.1.1.22   Windows Server 2012   KB4581001, KB4585587, KB4586007, KB4586010
wwwint.local    10.1.1.23   Windows Server 2012   KB4581001
```

Which of the following would be a recommendation for remediation?

A. Deploy a user training program
B. Implement a patch management plan
C. Utilize the secure software development life cycle
D. Configure access controls on each of the servers

**Answer:** B

**NEW QUESTION 151**
A penetration tester has been contracted to review wireless security. The tester has deployed a malicious wireless AP that mimics the configuration of the target enterprise WiFi. The penetration tester now wants to try to force nearby wireless stations to connect to the malicious AP. Which of the following steps should the tester take NEXT?

A. Send deauthentication frames to the stations.
B. Perform jamming on all 2.4GHz and 5GHz channels.
C. Set the malicious AP to broadcast within dynamic frequency selection channels.
D. Modify the malicious AP configuration to not use a pre-shared key.

**Answer:** A

**NEW QUESTION 153**
A large client wants a penetration tester to scan for devices within its network that are Internet facing. The client is specifically looking for Cisco devices with no authentication requirements. Which of the following settings in Shodan would meet the client's requirements?

A. “cisco-ios” “admin+1234”
B. “cisco-ios” “no-password”
C. “cisco-ios” “default-passwords”
D. “cisco-ios” “last-modified”

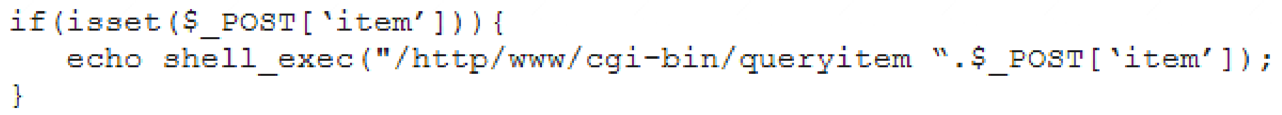
**Answer:** A

**NEW QUESTION 156**
A mail service company has hired a penetration tester to conduct an enumeration of all user accounts on an SMTP server to identify whether previous staff member accounts are still active. Which of the following commands should be used to accomplish the goal?

A. VRFY and EXPN
B. VRFY and TURN
C. EXPN and TURN
D. RCPT TO and VRFY

**Answer:** A

**NEW QUESTION 159**
A penetration tester finds a PHP script used by a web application in an unprotected internal source code repository. After reviewing the code, the tester identifies the following:



```
if(isset($_POST[‘item’])){
    echo shell_exec("/http/www/cgi-bin/queryitem “.$_POST[‘item’]);
}
```

Which of the following tools will help the tester prepare an attack for this scenario?

A. Hydra and crunch
B. Netcat and cURL
C. Burp Suite and DIRB
D. Nmap and OWASP ZAP

**Answer:** C

**NEW QUESTION 164**
A penetration tester found the following valid URL while doing a manual assessment of a web application: http://www.example.com/product.php?id=123987. Which of the following automated tools would be best to use NEXT to try to identify a vulnerability in this URL?

A. SQLmap
B. Nessus
C. Nikto
D. DirBuster

**Answer:** B

**NEW QUESTION 168**
Which of the following types of information should be included when writing the remediation section of a penetration test report to be viewed by the systems administrator and technical staff?

A. A quick description of the vulnerability and a high-level control to fix it
B. Information regarding the business impact if compromised
C. The executive summary and information regarding the testing company
D. The rules of engagement from the assessment

**Answer:** B

**NEW QUESTION 170**
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