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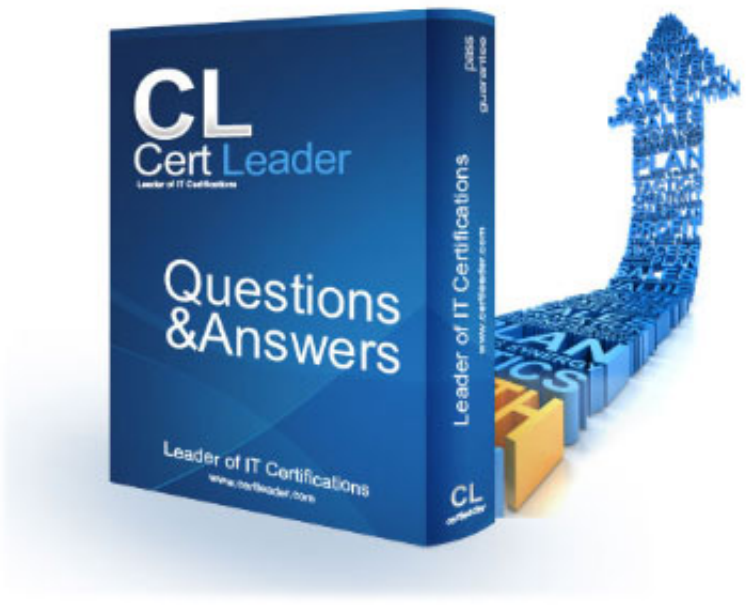


NEW QUESTION 1
A user recent an SMS on a mobile phone that asked for bank delays. Which of the following social-engineering techniques was used in this case?

A. SPIM
B. Vishing
C. Spear phishing
D. Smishing

Answer: D

NEW QUESTION 2
An organization needs to implement more stringent controls over administrator/root credentials and service accounts. Requirements for the project include:

- Check-in/checkout of credentials
- The ability to use but not know the password
- Automated password changes
- Logging of access to credentials

Which of the following solutions would meet the requirements?

A. OAuth 2.0
B. Secure Enclave
C. A privileged access management system
D. An OpenID Connect authentication system

Answer: D

NEW QUESTION 3
Which of the following describes the BEST approach for deploying application patches?

A. Apply the patches to systems in a testing environment then to systems in a staging environment, and finally to production systems.
B. Test the patches in a staging environment, develop against them in the development environment, andthen apply them to the production systems
C. Test the patches m a test environment apply them to the production systems and then apply them to a staging environment
D. Apply the patches to the production systems apply them in a staging environment, and then test all of them in a testing environment

Answer: A

NEW QUESTION 4
A cybersecurity department purchased o new PAM solution. The team is planning to randomize the service account credentials of the Windows server first. Which of the following would be the BEST method to increase the security on the Linux server?

A. Randomize the shared credentials
B. Use only guest accounts to connect.
C. Use SSH keys and remove generic passwords
D. Remove all user accounts.

Answer: C

NEW QUESTION 5
A user enters a password to log in to a workstation and is then prompted to enter an authentication code. Which of the following MFA factors or attributes are being utilized in the authentication process? (Select TWO).

A. Something you know
B. Something you have
C. Somewhere you are
D. Someone you are
E. Something you are
F. Something you can do

Answer: BE

NEW QUESTION 6
Which of the following BEST explains the reason why a server administrator would place a document named password.txt on the desktop of an administrator account on a server?

A. The document is a honeyfile and is meant to attract the attention of a cyberintruder.
B. The document is a backup file if the system needs to be recovered.
C. The document is a standard file that the OS needs to verify the login credentials.
D. The document is a keylogger that stores all keystrokes should the account be compromised.

Answer: A

NEW QUESTION 7
A security analyst reviews the datacenter access logs for a fingerprint scanner and notices an abundance of errors that correlate with users' reports of issues accessing the facility. Which of the following MOST likely the cause of the cause of the access issues?

A. False rejection
B. Cross-over error rate
C. Efficacy rale
D. Attestation

Answer: B

NEW QUESTION 8
A global pandemic is forcing a private organization to close some business units and reduce staffing at others. Which of the following would be BEST to help the organization's executives determine the next course of action?

A. An incident response plan
B. A communications plan
C. A disaster recovery plan
D. A business continuity plan

Answer: D

NEW QUESTION 9
A small company that does not have security staff wants to improve its security posture. Which of the following would BEST assist the company?

A. MSSP
B. SOAR
C. IaaS
D. PaaS

Answer: B

NEW QUESTION 10
A user recently entered a username and password into a recruiting application website that had been forged to look like the legitimate site Upon investigation, a security analyst the identifies the following:
• The legitimate websites IP address is 10.1.1.20 and eRecruit local resolves to the IP
• The forged website's IP address appears to be 10.2.12.99. based on NetFtow records
• AH three at the organization's DNS servers show the website correctly resolves to the legitimate IP
• DNS query logs show one of the three DNS servers returned a result of 10.2.12.99 (cached) at the approximate time of the suspected compromise.
Which of the following MOST likely occurred?

A. A reverse proxy was used to redirect network traffic
B. An SSL strip MITM attack was performed
C. An attacker temporarily pawned a name server
D. An ARP poisoning attack was successfully executed

Answer: B

NEW QUESTION 10
A user contacts the help desk to report the following:
- Two days ago, a pop-up browser window prompted the user for a name and password after connecting to the corporate wireless SSID. This had never happened before, but the user entered the information as requested.
- The user was able to access the Internet but had trouble accessing the department share until the next day.
- The user is now getting notifications from the bank about unauthorized transactions. Which of the following attack vectors was MOST likely used in this scenario?

A. Rogue access point
B. Evil twin
C. DNS poisoning
D. ARP poisoning

Answer: A

NEW QUESTION 12
Which of the following job roles would sponsor data quality and data entry initiatives that ensure business and regulatory requirements are met?

A. The data owner
B. The data processor
C. The data steward
D. The data privacy officer.

Answer: C

NEW QUESTION 13
A network engineer needs to build a solution that will allow guests at the company's headquarters to access the Internet via WiFi. This solution should not allow access to the internal corporate network, but it should require guests to sign off on the acceptable use policy before accessing the Internet. Which of the following should the engineer employ to meet these requirements?

A. Implement open PSK on the APs
B. Deploy a WAF

C. Configure WIPS on the APs
D. Install a captive portal

Answer: D

NEW QUESTION 14
A security analyst is performing a packet capture on a series of SOAP HTTP requests for a security assessment. The analyst redirects the output to a file After the capture is complete, the analyst needs to review the first transactions quickly and then search the entire series of requests for a particular string Which of the following would be BEST to use to accomplish the task? (Select TWO).

A. head
B. Tcpdump
C. grep
D. rail
E. curl
F. openssi
G. dd

Answer: AB

NEW QUESTION 16
When used at the design stage, which of the following improves the efficiency, accuracy, and speed of a database?

A. Tokenization
B. Data masking
C. Normalization
D. Obfuscation

Answer: C

NEW QUESTION 20
A security analyst receives the configuration of a current VPN profile and notices the authentication is only applied to the IP datagram portion of the packet. Which of the following should the analyst implement to authenticate the entire packet?

A. AH
B. ESP
C. SRTP
D. LDAP

Answer: B

NEW QUESTION 23
Which of the following would BEST identify and remediate a data-loss event in an enterprise using third-party, web-based services and file-sharing platforms?

A. SIEM
B. CASB
C. UTM
D. DLP

Answer: D

NEW QUESTION 26
A startup company is using multiple SaaS and IaaS platform to stand up a corporate infrastructure and build out a customer-facing web application. Which of the following solutions would be BEST to provide security, manageability, and visibility into the platforms?

A. SIEM
B. DLP
C. CASB
D. SWG

Answer: C

NEW QUESTION 31
A recently discovered zero-day exploit utilizes an unknown vulnerability in the SMB network protocol to rapidly infect computers. Once infected, computers are encrypted and held for ransom. Which of the following would BEST prevent this attack from reoccurring?

A. Configure the perimeter firewall to deny inbound external connections to SMB ports.
B. Ensure endpoint detection and response systems are alerting on suspicious SMB connections.
C. Deny unauthenticated users access to shared network folders.
D. Verify computers are set to install monthly operating system, updates automatically.

Answer: A

NEW QUESTION 35
Which of the following BEST explains the difference between a data owner and a data custodian?

A. The data owner is responsible for adhering to the rules for using the data, while the data custodian is responsible for determining the corporate governance regarding the data
B. The data owner is responsible for determining how the data may be used, while the data custodian is responsible for implementing the protection to the data
C. The data owner is responsible for controlling the data, while the data custodian is responsible for maintaining the chain of custody when handling the data
D. The data owner grants the technical permissions for data access, while the data custodian maintains the database access controls to the data

Answer: B

NEW QUESTION 37
A symmetric encryption algorithm Is BEST suited for:

A. key-exchange scalability.
B. protecting large amounts of data.
C. providing hashing capabilities,
D. implementing non-repudiation.

Answer: D

NEW QUESTION 39
A company recently set up an e-commerce portal to sell its product online. The company wants to start accepting credit cards for payment, which requires compliance with a security standard. Which of the following standards must the company comply with before accepting credit cards on its e-commerce platform?

A. PCI DSS
B. ISO 22301
C. ISO 27001
D. NIST CSF

Answer: A

NEW QUESTION 44
Joe, a user at a company, clicked an email link led to a website that infected his workstation. Joe, was connected to the network, and the virus spread to the network shares. The protective measures failed to stop this virus, and It has continues to evade detection. Which of the following should administrator implement to protect the environment from this malware?

A. Install a definition-based antivirus.
B. Implement an IDS/IPS
C. Implement a heuristic behavior-detection solution.
D. Implement CASB to protect the network shares.

Answer: C

NEW QUESTION 49
A system administrator needs to implement an access control scheme that will allow an object's access policy be determined by its owner. Which of the following access control schemes BEST fits the requirements?

A. Role-based access control
B. Discretionary access control
C. Mandatory access control
D. Attribute-based access control

Answer: B

NEW QUESTION 50
Users have been issued smart cards that provide physical access to a building. The cards also contain tokens that can be used to access information systems. Users can log m to any thin client located throughout the building and see the same desktop each time. Which of the following technologies are being utilized to provide these capabilities? (Select TWO)

A. COPE
B. VDI
C. GPS
D. TOTP
E. RFID
F. BYOD

Answer: BE

NEW QUESTION 53
Which of the following is MOST likely to outline the roles and responsibilities of data controllers and data processors?

A. SSAE SOC 2
B. PCI DSS
C. GDPR
D. ISO 31000

Answer: C

NEW QUESTION 57
A security analyst needs to generate a server certificate to be used for 802.1X and secure RDP connections. The analyst is unsure what is required to perform the task and solicits help from a senior colleague. Which of the following is the FIRST step the senior colleague will most likely tell the analyst to perform to accomplish this task?

A. Create an OCSP
B. Generate a CSR
C. Create a CRL
D. Generate a .pfx file

Answer: B

NEW QUESTION 60
A smart retail business has a local store and a newly established and growing online storefront. A recent storm caused a power outage to the business and the local ISP, resulting in several hours of lost sales and delayed order processing. The business owner now needs to ensure two things:
* Protection from power outages
* Always-available connectivity In case of an outage
The owner has decided to implement battery backups for the computer equipment Which of the following would BEST fulfill the owner's second need?

A. Lease a point-to-point circuit to provide dedicated access.
B. Connect the business router to its own dedicated UPS.
C. Purchase services from a cloud provider for high availability
D. Replace the business's wired network with a wireless network.

Answer: C

NEW QUESTION 61
A security analyst needs to implement an MDM solution for BYOD users that will allow the company to retain control over company emails residing on the devices and limit data exfiltration that might occur if the devices are lost or stolen. Which of the following would BEST meet these requirements? (Select TWO).

A. Full-device encryption
B. Network usage rules
C. Geofencing
D. Containerization
E. Application whitelisting
F. Remote control

Answer: AB

NEW QUESTION 62
Which of the following organizational policies are MOST likely to detect fraud that is being conducted by existing employees? (Select TWO).

A. Offboarding
B. Mandatory vacation
C. Job rotation
D. Background checks
E. Separation of duties
F. Acceptable use

Answer: BC

NEW QUESTION 65
Which of the following should be put in place when negotiating with a new vendor about the timeliness of the response to a significant outage or incident?

A. MOU
B. MTTR
C. SLA
D. NDA

Answer: C

NEW QUESTION 68
Which of the following refers to applications and systems that are used within an organization without consent or approval?

A. Shadow IT
B. OSINT
C. Dark web
D. Insider threats

Answer: A

NEW QUESTION 69
A security auditor is reviewing vulnerability scan data provided by an internal security team. Which of the following BEST indicates that valid credentials were used?

A. The scan results show open ports, protocols, and services exposed on the target host
B. The scan enumerated software versions of installed programs

C. The scan produced a list of vulnerabilities on the target host
D. The scan identified expired SSL certificates

Answer: B

NEW QUESTION 73
A security analyst has been asked to investigate a situation after the SOC started to receive alerts from the SIEM. The analyst first looks at the domain controller and finds the following events:

Keywords	Date and time	Source	Event ID
Kerberos pre-authentication failed.	12/26/2019 11:37:21 PM	Microsoft Windows security auditing	4771
Kerberos pre-authentication failed.	12/26/2019 11:37:21 PM	Microsoft Windows security auditing	4771
Kerberos pre-authentication failed.	12/26/2019 11:37:22 PM	Microsoft Windows security auditing	4771

To better understand what is going on, the analyst runs a command and receives the following output:

name	lastbadpasswordattempt	badpwdcount
John.Smith	12/26/2019 11:37:21 PM	7
Joe.Jones	12/26/2019 11:37:21 PM	13
Michael.Johnson	12/26/2019 11:37:22 PM	8
Mary.Wilson	12/26/2019 11:37:22 PM	8
Jane.Brown	12/26/2019 11:37:23 PM	12

Based on the analyst's findings, which of the following attacks is being executed?

A. Credential harvesting
B. Keylogger
C. Brute-force
D. Spraying

Answer: D

NEW QUESTION 74
Which of the following is a team of people dedicated testing the effectiveness of organizational security programs by emulating the techniques of potential attackers?

A. Red team
B. While team
C. Blue team
D. Purple team

Answer: A

NEW QUESTION 77
A company's bank has reported that multiple corporate credit cards have been stolen over the past several weeks. The bank has provided the names of the affected cardholders to the company's forensics team to assist in the cyber-incident investigation.
An incident responder learns the following information:

- The timeline of stolen card numbers corresponds closely with affected users making Internet-based purchases from diverse websites via enterprise desktop PCs.
- All purchase connections were encrypted, and the company uses an SSL inspection proxy for the inspection of encrypted traffic of the hardwired network.
- Purchases made with corporate cards over the corporate guest WiFi network, where no SSL inspection occurs, were unaffected.

Which of the following is the MOST likely root cause?

A. HTTPS sessions are being downgraded to insecure cipher suites
B. The SSL inspection proxy is feeding events to a compromised SIEM
C. The payment providers are insecurely processing credit card charges
D. The adversary has not yet established a presence on the guest WiFi network

Answer: C

NEW QUESTION 78
Which of the following describes the ability of code to target a hypervisor from inside

A. Fog computing
B. VM escape
C. Software-defined networking
D. Image forgery
E. Container breakout

Answer: B

NEW QUESTION 81
A development team employs a practice of bringing all the code changes from multiple team members into the same development project through automation. A tool is utilized to validate the code and track source code through version control. Which of the following BEST describes this process?

A. Continuous delivery
B. Continuous integration
C. Continuous validation
D. Continuous monitoring

Answer: B

NEW QUESTION 84
A security manager for a retailer needs to reduce the scope of a project to comply with PCI DSS. The PCI data is located in different offices than where credit cards are accepted. All the offices are connected via MPLS back to the primary datacenter. Which of the following should the security manager implement to achieve the objective?

A. Segmentation
B. Containment
C. Geofencing
D. Isolation

Answer: A

NEW QUESTION 86
A security engineer needs to Implement the following requirements:
• All Layer 2 switches should leverage Active Directory tor authentication.
• All Layer 2 switches should use local fallback authentication If Active Directory Is offline.
• All Layer 2 switches are not the same and are manufactured by several vendors.
Which of the following actions should the engineer take to meet these requirements? (Select TWO).

A. Implement RADIUS.
B. Configure AAA on the switch with local login as secondary.
C. Configure port security on the switch with the secondary login method.
D. Implement TACACS+
E. Enable the local firewall on the Active Directory server.
F. Implement a DHCP server.

Answer: AB

NEW QUESTION 87
A security analyst is using a recently released security advisory to review historical logs, looking for the specific activity that was outlined in the advisory. Which of the following is the analyst doing?

A. A packet capture
B. A user behavior analysis
C. Threat hunting
D. Credentialed vulnerability scanning

Answer: C

NEW QUESTION 91
Which of the following scenarios BEST describes a risk reduction technique?

A. A security control objective cannot be met through a technical change, so the company purchases insurance and is no longer concerned about losses from data breaches.
B. A security control objective cannot be met through a technical change, so the company implements a policy to train users on a more secure method of operation.
C. A security control objective cannot be met through a technical change, so the company changes as method of operation
D. A security control objective cannot be met through a technical change, so the Chief Information Officer (CIO) decides to sign off on the risk.

Answer: B

NEW QUESTION 92
An employee has been charged with fraud and is suspected of using corporate assets. As authorities collect evidence, and to preserve the admissibility of the evidence, which of the following forensic techniques should be used?

A. Order of volatility
B. Data recovery
C. Chain of custody
D. Non-repudiation

Answer: C

NEW QUESTION 95
An organization with a low tolerance for user inconvenience wants to protect laptop hard drives against loss or data theft. Which of the following would be the MOST acceptable?

A. SED
B. HSM
C. DLP
D. TPM

Answer: A

NEW QUESTION 99
A well-known organization has been experiencing attacks from APIs. The organization is concerned that custom malware is being created and emailed into the company or installed on USB sticks that are dropped in parking lots. Which of the following is the BEST defense against this scenario?

A. Configuring signature-based antivirus io update every 30 minutes
B. Enforcing S/MIME for email and automatically encrypting USB drives upon insertion.
C. Implementing application execution in a sandbox for unknown software.
D. Fuzzing new files for vulnerabilities if they are not digitally signed

Answer: C

NEW QUESTION 101
An organization has a growing workforce that is mostly driven by additions to the sales department. Each newly hired salesperson relies on a mobile device to conduct business. The Chief Information Officer (CIO) is wondering it the organization may need to scale down just as quickly as it scaled up. The ClO is also concerned about the organization's security and customer privacy. Which of the following would be BEST to address the ClO's concerns?

A. Disallow new hires from using mobile devices for six months
B. Select four devices for the sales department to use in a CYOD model
C. Implement BYOD for the sates department while leveraging the MDM
D. Deploy mobile devices using the COPE methodology

Answer: C

NEW QUESTION 103
Joe, an employee, receives an email stating he won the lottery. The email includes a link that requests a name, mobile phone number, address, and date of birth be provided to confirm Joe's identity before sending him the prize. Which of the following BEST describes this type of email?

A. Spear phishing
B. Whaling
C. Phishing
D. Vishing

Answer: C

NEW QUESTION 106
A company has limited storage available and online presence that cannot for more than four hours. Which of the following backup methodologies should the company implement to allow for the FASTEST database restore time In the event of a failure, which being maindful of the limited available storage space?

A. Implement fulltape backup every Sunday at 8:00 p.m and perform nightly tape rotations.
B. Implement different backups every Sunday at 8:00 and nightly incremental backups at 8:00 p.m
C. Implement nightly full backups every Sunday at 8:00 p.m
D. Implement full backups every Sunday at 8:00 p.m and nightly differential backups at 8:00

Answer: B

NEW QUESTION 111
The IT department at a university is concerned about professors placing servers on the university network in an attempt to bypass security controls. Which of the following BEST represents this type of threat?

A. A script kiddie
B. Shadow IT
C. Hacktivism
D. White-hat

Answer: B

NEW QUESTION 115
A security administrator suspects there may be unnecessary services running on a server. Which of the following tools will the administrator MOST likely use to confirm the suspicions?

A. Nmap
B. Wireshark
C. Autopsy
D. DNSEnum

Answer: A

NEW QUESTION 118

The manager who is responsible for a data set has asked a security engineer to apply encryption to the data on a hard disk. The security engineer is an example of a:

A. data controller.
B. data owner
C. data custodian.
D. data processor

Answer: D

NEW QUESTION 119
A recent malware outbreak across a subnet included successful rootkit installations on many PCs, ensuring persistence by rendering remediation efforts ineffective. Which of the following would BEST detect the presence of a rootkit in the future?

A. FDE
B. NIDS
C. EDR
D. DLP

Answer: C

NEW QUESTION 123
Which of the following is the purpose of a risk register?

A. To define the level or risk using probability and likelihood
B. To register the risk with the required regulatory agencies
C. To identify the risk, the risk owner, and the risk measures
D. To formally log the type of risk mitigation strategy the organization is using

Answer: C

NEW QUESTION 126
A security administrator checks the table of a network switch, which shows the following output:

VLAN	Physical address	Type	Port
1	001a:42ff:5113	Dynamic	GE0/5
1	0faa:abcf:ddee	Dynamic	GE0/5
1	c6a9:6b16:758e	Dynamic	GE0/5
1	a3aa:b6a3:1212	Dynamic	GE0/5
1	8025:2ad8:bfac	Dynamic	GE0/5
1	b839:f995:a00a	Dynamic	GE0/5

Which of the following is happening to this switch?

A. MAC Flooding
B. DNS poisoning
C. MAC cloning
D. ARP poisoning

Answer: A

NEW QUESTION 130
After entering a username and password, and administrator must gesture on a touch screen. Which of the following demonstrates what the administrator is providing?

A. Multifactor authentication
B. Something you can do
C. Biometric
D. Two-factor authentication

Answer: D

NEW QUESTION 133
An organization suffered an outage and a critical system took 90 minutes to come back online. Though there was no data loss during the outage, the expectation was that the critical system would be available again within 60 minutes Which of the following is the 60-minute expectation an example of:

A. MTBF
B. RPO
C. MTTR
D. RTO

Answer: D

NEW QUESTION 134
A security administrator suspects an employee has been emailing proprietary information to a competitor. Company policy requires the administrator to capture an

exact copy of the employee's hard disk. Which of the following should the administrator use?

A. dd
B. chmod
C. dnsenum
D. logger

Answer: A

NEW QUESTION 139
A network administrator has been alerted that web pages are experiencing long load times. After determining it is not a routing or DNS issue, the administrator logs in to the router, runs a command, and receives the following output:

```
CPU 0 percent busy, from 300 sec ago
1 sec ave: 99 percent busy
5 sec ave: 97 percent busy
1 min ave: 83 percent busy
```

Which of the following is the router experiencing?

A. DDoS attack
B. Memory leak
C. Buffer overflow
D. Resource exhaustion

Answer: D

NEW QUESTION 141
A security analyst receives a SIEM alert that someone logged in to the appadmin test account, which is only used for the early detection of attacks. The security analyst then reviews the following application log:

```
...
[03/06/20xx:17:20:18] system 127.0.0.1 FindXPath=//User[Username/text()='foo' or 7=7 or 'o'='o' And Password/text='bar']
[03/06/20xx:17:21:18] appadmin 194.28.114.102 action:login result:success
[03/06/20xx:17:22:18] appadmin 194.28.114.102 action:open.account(12345) result:fail
[03/06/20xx:17:23:18] appadmin 194.28.114.102 action:open.account(23456) result:fail
[03/06/20xx:17:23:18] appadmin 194.28.114.102 action:open.account(23456) result:fail
[03/06/20xx:17:23:18] appadmin 194.28.114.102 action:open.account(45678) result:fail
```

Which of the following can the security analyst conclude?

A. A replay attack is being conducted against the application.
B. An injection attack is being conducted against a user authentication system.
C. A service account password may have been changed, resulting in continuous failed logins within the application.
D. A credentialed vulnerability scanner attack is testing several CVEs against the application.

Answer: C

NEW QUESTION 146
A cybersecurity analyst reviews the log files from a web server and sees a series of files that indicates a directory-traversal attack has occurred. Which of the following is the analyst MOST likely seeing?

A)

```
http://sample.url.com/<script>Please-Visit-Our-Phishing-Site</script>
```

B)

```
http://sample.url.com/someotherpageonsite/../../../etc/shadow
```

C)

```
http://sample.url.com/select-from-database-where-password-null
```

D)

```
http://redirect.sameple.url.sampleurl.com/malicious-dns-redirect
```

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

Answer: B

NEW QUESTION 150
A company needs to centralize its logs to create a baseline and have visibility on its security events. Which of the following technologies will accomplish this objective?

A. Security information and event management
B. A web application firewall
C. A vulnerability scanner
D. A next-generation firewall

Answer: A

NEW QUESTION 152
A cybersecurity administrator needs to add disk redundancy for a critical server. The solution must have a two- drive failure for better fault tolerance. Which of the following RAID levels should the administrator select?

A. 1
B. 5
C. 6

Answer: B

NEW QUESTION 153
A network administrator has been asked to install an IDS to improve the security posture of an organization. Which of the following control types is an IDS?

A. Corrective
B. Physical
C. Detective
D. Administrative

Answer: C

NEW QUESTION 156
A security modern may have occurred on the desktop PC of an organization's Chief Executive Officer (CEO) A duplicate copy of the CEO's hard drive must be stored securely to ensure appropriate forensic processes and the chain of custody are followed. Which of the following should be performed to accomplish this task?

A. Install a new hard drive in the CEO's PC, and then remove the old hard drive and place it in a tamper-evident bag
B. Connect a write blocker to the hard drive Then leveraging a forensic workstation, utilize the dd command m a live Linux environment to create a duplicate copy
C. Remove the CEO's hard drive from the PC, connect to the forensic workstation, and copy all the contents onto a remote fileshare while the CEO watches
D. Refrain from completing a forensic analysts of the CEO's hard drive until after the incident is confirmed, duplicating the hard drive at this stage could destroy evidence

Answer: D

NEW QUESTION 159
A network engineer notices the VPN concentrator overloaded and crashes on days when there are a lot of remote workers. Senior management has placed greater importance on the availability of VPN resources for the remote workers than the security of the end users' traffic. Which of the following would be BEST to solve this issue?

A. iPSec
B. Always On
C. Split tunneling
D. L2TP

Answer: B

NEW QUESTION 161
Which of the following incident response steps involves actions to protect critical systems while maintaining business operations?

A. Investigation
B. Containment
C. Recovery
D. Lessons learned

Answer: B

NEW QUESTION 165
A company is launching a new internet platform for its clients. The company does not want to implement its own authorization solution but instead wants to rely on the authorization provided by another platform. Which of the following is the BEST approach to implement the desired solution?

A. OAuth
B. TACACS+
C. SAML
D. RADIUS

Answer: D

NEW QUESTION 167
In the middle of a cybersecurity, a security engineer removes the infected devices from the network and lock down all compromised accounts. In which of the following incident response phases is the security engineer currently operating?

A. Identification
B. Preparation
C. Eradiction
D. Recovery
E. Containment

Answer: E

NEW QUESTION 168
A security analyst is investigation an incident that was first reported as an issue connecting to network shares and the internet, While reviewing logs and tool output, the analyst sees the following:

IP address	Physical address
10.0.0.1	00-18-21-ad-24-bc
10.0.0.114	01-31-a3-cd-23-ab
10.0.0.115	00-18-21-ad-24-bc
10.0.0.116	00-19-08-ba-07-da
10.0.0.117	01-12-21-ca-11-ad

Which of the following attacks has occurred?

A. IP conflict
B. Pass-the-hash
C. MAC flooding
D. Directory traversal
E. ARP poisoning

Answer: E

NEW QUESTION 172
Which of the following are requirements that must be configured for PCI DSS compliance? (Select TWO).

A. Testing security systems and processes regularly
B. Installing and maintaining a web proxy to protect cardholder data
C. Assigning a unique ID to each person with computer access
D. Encrypting transmission of cardholder data across private networks
E. Benchmarking security awareness training for contractors
F. Using vendor-supplied default passwords for system passwords

Answer: BD

NEW QUESTION 174
The SOC is reviewing process and procedures after a recent incident. The review indicates it took more than 30 minutes to determine that quarantining an infected host was the best course of action. The allowed the malware to spread to additional hosts before it was contained. Which of the following would be BEST to improve the incident response process?

A. Updating the playbooks with better decision points
B. Dividing the network into trusted and untrusted zones
C. Providing additional end-user training on acceptable use
D. Implementing manual quarantining of infected hosts

Answer: A

NEW QUESTION 179
A security analyst is reviewing information regarding recent vulnerabilities. Which of the following will the analyst MOST likely consult to validate which platforms have been affected?

A. OSINT
B. SIEM
C. CVSS
D. CVE

Answer: D

NEW QUESTION 181
Which of the following will MOST likely adversely impact the operations of unpatched traditional programmable-logic controllers, running a back-end LAMP server and OT systems with human-management interfaces that are accessible over the Internet via a web interface? (Choose two.)

A. Cross-site scripting
B. Data exfiltration
C. Poor system logging

D. Weak encryption
E. SQL injection
F. Server-side request forgery

Answer: DF

NEW QUESTION 186
Which of the following scenarios would make a DNS sinkhole effective in thwarting an attack?

A. An attacker is sniffing traffic to port 53, and the server is managed using unencrypted usernames and passwords.
B. An organization is experiencing excessive traffic on port 53 and suspects an attacker is trying to DoS the domain name server.
C. Malware trying to resolve an unregistered domain name to determine if it is running in an isolated sandbox
D. Routing tables have been compromised, and an attacker is rerouting traffic to malicious websites

Answer: A

NEW QUESTION 191
The IT department's on-site developer has been with the team for many years. Each time an application is released, the security team is able to identify multiple vulnerabilities. Which of the following would BEST help the team ensure the application is ready to be released to production?

A. Limit the use of third-party libraries.
B. Prevent data exposure queries.
C. Obfuscate the source code.
D. Submit the application to QA before releasing it.

Answer: D

NEW QUESTION 195
Which of the following allows for functional test data to be used in new systems for testing and training purposes to protect the read data?

A. Data encryption
B. Data masking
C. Data deduplication
D. Data minimization

Answer: B

NEW QUESTION 196
The Chief Security Officer (CSO) at a major hospital wants to implement SSO to help improve in the environment patient data, particularly at shared terminals. The Chief Risk Officer (CRO) is concerned that training and guidance have been provided to frontline staff, and a risk analysis has not been performed. Which of the following is the MOST likely cause of the CRO's concerns?

A. SSO would simplify username and password management, making it easier for hackers to pass guess accounts.
B. SSO would reduce password fatigue, but staff would still need to remember more complex passwords.
C. SSO would reduce the password complexity for frontline staff.
D. SSO would reduce the resilience and availability of system if the provider goes offline.

Answer: D

NEW QUESTION 197
An organization has implemented a policy requiring the use of conductive metal lockboxes for personal electronic devices outside of a secure research lab. Which of the following did the organization determine to be the GREATEST risk to intellectual property when creating this policy?

A. The theft of portable electronic devices
B. Geotagging in the metadata of images
C. Bluesnarfing of mobile devices
D. Data exfiltration over a mobile hotspot

Answer: D

NEW QUESTION 198
In which of the following risk management strategies would cybersecurity insurance be used?

A. Transference
B. Avoidance
C. Acceptance
D. Mitigation

Answer: A

NEW QUESTION 202
A retail executive recently accepted a job with a major competitor. The following week, a security analyst reviews the security logs and identifies successful logon attempts to access the departed executive's accounts. Which of the following security practices would have addressed the issue?

A. A non-disclosure agreement

B. Least privilege
C. An acceptable use policy
D. Ofboarding

Answer: D

NEW QUESTION 206
When selecting a technical solution for identity management, an architect chooses to go from an in-house to a third-party SaaS provider. Which of the following risk management strategies is this an example of?

A. Acceptance
B. Mitigation
C. Avoidance
D. Transference

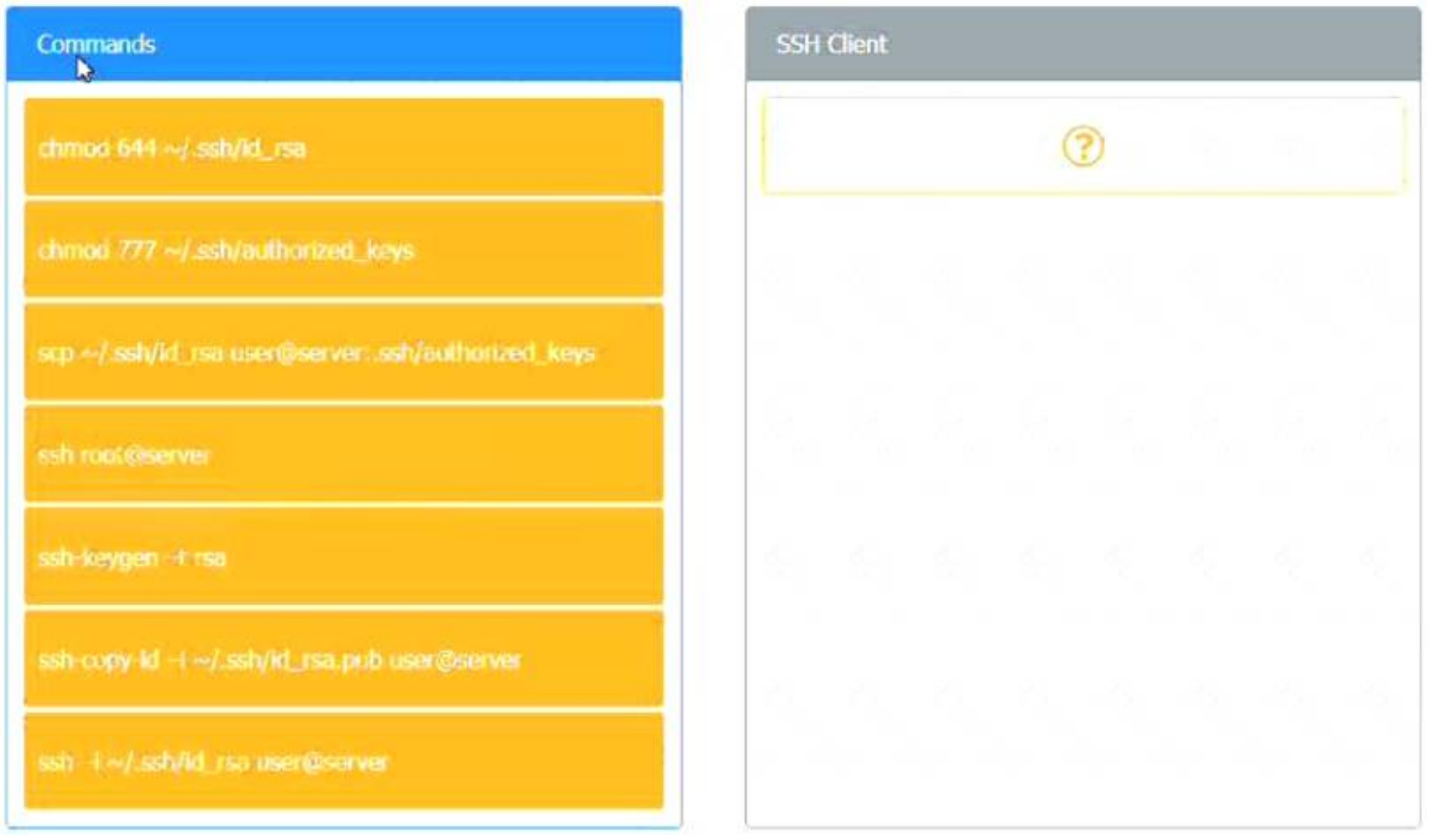
Answer: D

NEW QUESTION 210
A startup company is using multiple SaaS and IaaS platforms to stand up a corporate infrastructure and build out a customer-facing web application. Which of the following solutions would be BEST to provide security, manageability, and visibility into the platforms?

A. SIEM
B. DLP
C. CASB
D. SWG

Answer: C

NEW QUESTION 214
A security engineer is setting up passwordless authentication for the first time. INSTRUCTIONS
Use the minimum set of commands to set this up and verify that it works. Commands cannot be reused.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 219
Which of the following would be BEST to establish between organizations that have agreed cooperate and are engaged in early discussion to define the responsibilities of each party, but do not want to establish a contractually binding agreement?

A. An SLA
B. AnNDA
C. ABPA
D. AnMOU

Answer: D

NEW QUESTION 222
Which of the following will provide the BEST physical security countermeasures to stop intruders? (Select TWO.)

A. Alarms
B. Signage
C. Lighting
D. Mantraps
E. Fencing
F. Sensors

Answer: DE

NEW QUESTION 227
Which of the following BEST describes a security exploit for which a vendor patch is not readily available?

A. Integer overflow
B. Zero-day
C. End of life
D. Race condition

Answer: B

NEW QUESTION 228
Which of the following types of controls is a turnstile?

A. Physical
B. Detective
C. Corrective
D. Technical

Answer: A

NEW QUESTION 232
A company has determined that if its computer-based manufacturing is not functioning for 12 consecutive hours, it will lose more money that it costs to maintain the equipment. Which of the following must be less than 12 hours to maintain a positive total cost of ownership?

A. MTBF
B. RPO
C. RTO
D. MTTR

Answer: C

NEW QUESTION 233
A user reports constant lag and performance issues with the wireless network when working at a local coffee shop. A security analyst walks the user through an installation of Wireshark and get a five-minute pcap to analyze. The analyst observes the following output:

No.	Time	Source	Destination	Protocol	Length	Info
1234	9.1195665	Sagemcom_87:9f:a3	Broadcast	802.11	38	Deauthentication, SN=655, FN=0
1235	9.1265649	Sagemcom_87:9f:a3	Broadcast	802.11	39	Deauthentication, SN=655, FN=0
1236	9.2223212	Sagemcom_87:9f:a3	Broadcast	802.11	38	Deauthentication, SN=657, FN=0

Which of the following attacks does the analyst MOST likely see in this packet capture?

A. Session replay
B. Evil twin
C. Bluejacking
D. ARP poisoning

Answer: B

NEW QUESTION 235
An organization hired a consultant to assist with an active attack, and the consultant was able to identify the compromised accounts and computers. Which of the following is the consultant MOST likely to recommend to prepare for eradication?

A. Quarantining the compromised accounts and computers, only providing them with network access
B. Segmenting the compromised accounts and computers into a honeynet so as to not alert the attackers.
C. Isolating the compromised accounts and computers, cutting off all network and internet access.
D. Logging off and deleting the compromised accounts and computers to eliminate attacker access.

Answer: B

NEW QUESTION 237
A Chief Security Officer (CSO) is concerned about the amount of PII that is stored locally on each salesperson's laptop. The sales department has a higher-than-average rate of lost equipment. Which of the following recommendations would BEST address the CSO's concern?

A. Deploy an MDM solution.
B. Implement managed FDE.
C. Replace all hard drives with SEDs.
D. Install DLP agents on each laptop.

Answer: B

NEW QUESTION 242
The CSIRT is reviewing the lessons learned from a recent incident. A worm was able to spread unhindered throughout the network and infect a large number of computers and servers. Which of the following recommendations would be BEST to mitigate the impacts of a similar incident in the future?

A. Install a NIDS device at the boundary.
B. Segment the network with firewalls.
C. Update all antivirus signatures daily.
D. Implement application blacklisting.

Answer: B

NEW QUESTION 243
A small business just recovered from a ransomware attack against its file servers by purchasing the decryption keys from the attackers. The issue was triggered by a phishing email and the IT administrator wants to ensure it does not happen again. Which of the following should the IT administrator do FIRST after recovery?

A. Scan the NAS for residual or dormant malware and take new daily backups that are tested on a frequent basis
B. Restrict administrative privileges and patch ail systems and applications.
C. Rebuild all workstations and install new antivirus software
D. Implement application whitelisting and perform user application hardening

Answer: A

NEW QUESTION 247
A security analyst discovers that a company username and password database was posted on an internet forum. The username and passwords are stored in plan text. Which of the following would mitigate the damage done by this type of data exfiltration in the future?

A. Create DLP controls that prevent documents from leaving the network
B. Implement salting and hashing
C. Configure the web content filter to block access to the forum.
D. Increase password complexity requirements

Answer: A

NEW QUESTION 248
A company processes highly sensitive data and senior management wants to protect the sensitive data by utilizing classification labels. Which of the following access control schemes would be BEST for the company to implement?

A. Discretionary
B. Rule-based
C. Role-based
D. Mandatory

Answer: D

NEW QUESTION 249
An engineer wants to access sensitive data from a corporate-owned mobile device. Personal data is not allowed on the device. Which of the following MDM configurations must be considered when the engineer travels for business?

A. Screen locks
B. Application management
C. Geofencing
D. Containerization

Answer: D

NEW QUESTION 251
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