



CompTIA

Exam Questions SY0-701

CompTIA Security+ Exam

About ExamBible

[Your Partner of IT Exam](#)

Found in 1998

ExamBible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, ExamBible has its unique advantages that other companies could not achieve.

Our Advances

* 99.9% Uptime

All examinations will be up to date.

* 24/7 Quality Support

We will provide service round the clock.

* 100% Pass Rate

Our guarantee that you will pass the exam.

* Unique Gurantee

If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

NEW QUESTION 1

- (Exam Topic 1)

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: DE

Explanation:

MDM solutions emerged to solve problems created by BYOD. With MDM, IT teams can remotely wipe devices clean if they are lost or stolen. MDM also makes the life of an IT administrator a lot easier as it allows them to enforce corporate policies, apply software updates, and even ensure that password protection is used on each device. Containerization and application whitelisting are two features of MDM that can help retain control over company emails residing on the devices and limit data exfiltration that might occur if the devices are lost or stolen.

Containerization is a technique that creates a separate and secure space on the device for work-related data and applications. This way, personal and corporate data are isolated from each other, and IT admins can manage only the work container without affecting the user's privacy. Containerization also allows IT admins to remotely wipe only the work container if needed, leaving the personal data intact.

Application whitelisting is a technique that allows only authorized applications to run on the device. This way, IT admins can prevent users from installing or using malicious or unapproved applications that might compromise the security of corporate data. Application whitelisting also allows IT admins to control which applications can access corporate resources, such as email servers or cloud storage.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://www.office1.com/blog/byod-vs-mdm>

NEW QUESTION 2

- (Exam Topic 1)

Which of the following is a cryptographic concept that operates on a fixed length of bits?

- A. Block cipher
- B. Hashing
- C. Key stretching
- D. Salting

Answer: A

Explanation:

Single-key or symmetric-key encryption algorithms create a fixed length of bits known as a block cipher with a secret key that the creator/sender uses to encipher data (encryption) and the receiver uses to decipher it.

NEW QUESTION 3

- (Exam Topic 1)

An organization is moving away from the use of client-side and server-side certificates for EAP. The company would like for the new EAP solution to have the ability to detect rogue access points. Which of the following would accomplish these requirements?

- A. PEAP
- B. EAP-FAST
- C. EAP-TLS
- D. EAP-TTLS

Answer: B

Explanation:

EAP-FAST (Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling) supports mutual authentication and is designed to simplify the deployment of strong, password-based authentication. EAP-FAST includes a mechanism for detecting rogue access points. References:

➤ [CompTIA Security+ Study Guide Exam SY0-601, Chapter 4](#)

NEW QUESTION 4

- (Exam Topic 1)

A store receives reports that shoppers' credit card information is being stolen. Upon further analysis, those same shoppers also withdrew money from an ATM in that store.

The attackers are using the targeted shoppers' credit card information to make online purchases. Which of the following attacks is the MOST probable cause?

- A. Identity theft
- B. RFID cloning
- C. Shoulder surfing
- D. Card skimming

Answer: D

Explanation:

The attackers are using card skimming to steal shoppers' credit card information, which they use to make online purchases. References:

➤ [CompTIA Security+ Study Guide Exam SY0-601, Chapter 5](#)

NEW QUESTION 5

- (Exam Topic 1)

A retail company that is launching @ new website to showcase the company's product line and other information for online shoppers registered the following URLs:

* www.companysite.com

* shop.companysite.com

* about-us.companysite.com contact-us.companysite.com secure-logon.company.site.com

Which of the following should the company use to secure its website if the company is concerned with convenience and cost?

- A. A self-signed certificate
- B. A root certificate
- C. A code-signing certificate
- D. A wildcard certificate
- E. An extended validation certificate

Answer: D

Explanation:

The company can use a wildcard certificate to secure its website if it is concerned with convenience and cost. A wildcard certificate can secure multiple subdomains, which makes it cost-effective and convenient for securing the various registered domains.

The retail company should use a wildcard certificate if it is concerned with convenience and cost. A wildcard SSL certificate is a single SSL/TLS certificate that can provide significant time and cost savings, particularly for small businesses. The certificate includes a wildcard character (*) in the domain name field, and can secure multiple subdomains of the primary domain.

NEW QUESTION 6

- (Exam Topic 1)

A company wants to modify its current backup strategy to minimize the number of backups that would need to be restored in case of data loss. Which of the following would be the BEST backup strategy?

- A. Incremental backups followed by differential backups
- B. Full backups followed by incremental backups
- C. Delta backups followed by differential backups
- D. Incremental backups followed by delta backups
- E. Full backup followed by differential backups

Answer: B

Explanation:

The best backup strategy for minimizing the number of backups that need to be restored in case of data loss is full backups followed by incremental backups. This strategy allows for a complete restoration of data by restoring the most recent full backup followed by the most recent incremental backup. Reference: CompTIA Security+ Certification Guide, Third Edition (Exam SY0-601) page 126

NEW QUESTION 7

- (Exam Topic 1)

A company recently decided to allow its employees to use their personally owned devices for tasks like checking email and messaging via mobile applications. The company would like to use MDM, but employees are concerned about the loss of personal data. Which of the following should the IT department implement to BEST protect the company against company data loss while still addressing the employees' concerns?

- A. Enable the remote-wiping option in the MDM software in case the phone is stolen.
- B. Configure the MDM software to enforce the use of PINs to access the phone.
- C. Configure MDM for FDE without enabling the lock screen.
- D. Perform a factory reset on the phone before installing the company's applications.

Answer: C

Explanation:

MDM software is a type of remote asset-management software that runs from a central server. It is used by businesses to optimize the functionality and security of their mobile devices, including smartphones and tablets. It can monitor and regulate both corporate-owned and personally owned devices to the organization's policies.

FDE stands for full disk encryption, which is a method of encrypting all data on a device's storage. FDE can protect data from unauthorized access in case the device is lost or stolen.

If a company decides to allow its employees to use their personally owned devices for work tasks, it should configure MDM software to enforce FDE on those devices. This way, the company can protect its data from being exposed if the device falls into the wrong hands.

However, employees may be concerned about the loss of personal data if the company also enables the remote-wiping option in the MDM software. Remote wiping is a feature that allows the company to erase all data on a device remotely in case of theft or loss. Remote wiping can also affect personal data on the device, which may not be acceptable to employees.

Therefore, a possible compromise is to configure MDM for FDE without enabling the lock screen. This means that the device will be encrypted, but it will not require a password or PIN to unlock it. This way, employees can access their personal data easily, while the company can still protect its data with encryption. The other options are not correct because:

> A. Enable the remote-wiping option in the MDM software in case the phone is stolen. This option may address the company's concern about data loss, but it may not address the employees' concern about personal data loss. Remote wiping can erase both work and personal data on the device, which may not be desirable for employees.

> B. Configure the MDM software to enforce the use of PINs to access the phone. This option may enhance the security of the device, but it may not address the company's concern about data loss. PINs can be guessed or bypassed by attackers, and they do not protect data if the device is physically accessed.

> D. Perform a factory reset on the phone before installing the company's applications. This option may address the company's concern about data loss, but it may not address the employees' concern about personal data loss. A factory reset will erase all data on the device, including personal data, which may not be acceptable to employees.

According to CompTIA Security+ SY0-601 Exam Objectives 2.4 Given a scenario, implement secure systems design:

"MDM software is a type of remote asset-management software that runs from a central server. It is used by businesses to optimize the functionality and security of their mobile devices, including smartphones and tablets."

“FDE stands for full disk encryption, which is a method of encrypting all data on a device’s storage3.” References:

<https://www.comptia.org/certifications/security#examdetails>

<https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>

<https://www.makeuseof.com/what-is-mobile-device-management-mdm-software/>

NEW QUESTION 8

- (Exam Topic 1)

A company reduced the area utilized in its datacenter by creating virtual networking through automation and by creating provisioning routes and rules through scripting. Which of the following does this example describe?

- A. IaC
- B. MSSP
- C. Containers
- D. SaaS

Answer: A

Explanation:

IaaS (Infrastructure as a Service) allows the creation of virtual networks, automation, and scripting to reduce the area utilized in a datacenter. References: CompTIA Security+ Study Guide, Exam SY0-601, Chapter 4

NEW QUESTION 9

- (Exam Topic 1)

A security researcher has alerted an organization that its sensitive user data was found for sale on a website. Which of the following should the organization use to inform the affected parties?

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

Answer: B

Explanation:

The organization should use a communications plan to inform the affected parties. A communications plan is a document that outlines how an organization will communicate with internal and external stakeholders during a crisis or incident. It should include details such as who will be responsible for communicating with different stakeholders, what channels will be used to communicate, and what messages will be communicated.

An incident response plan is a document that outlines the steps an organization will take to respond to a security incident or data breach. A business continuity plan is a document that outlines how an organization will continue to operate during and after a disruption. A disaster recovery plan is a document that outlines how an organization will recover its IT infrastructure and data after a disaster.

NEW QUESTION 10

- (Exam Topic 1)

A cybersecurity administrator needs to implement a Layer 7 security control on a network and block potential attacks. Which of the following can block an attack at Layer 7? (Select TWO).

- A. HIDS
- B. NIPS
- C. HSM
- D. WAF
- E. NAC
- F. NIDS
- G. Stateless firewall

Answer: DF

Explanation:

A WAF (Web Application Firewall) and NIDS (Network Intrusion Detection System) are both examples of Layer 7 security controls. A WAF can block attacks at the application layer (Layer 7) of the OSI model by filtering traffic to and from a web server. NIDS can also detect attacks at Layer 7 by monitoring network traffic for suspicious patterns and behaviors. References: CompTIA Security+ Study Guide, pages 94-95, 116-118

NEW QUESTION 10

- (Exam Topic 1)

Which of the following provides a catalog of security and privacy controls related to the United States federal information systems?

- A. GDPR
- B. PCI DSS
- C. ISO 27000
- D. NIST 800-53

Answer: D

Explanation:

NIST 800-53 provides a catalog of security and privacy controls related to the United States federal information systems. References: CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 3: Architecture and Design, pp. 123-125

NEW QUESTION 14

- (Exam Topic 1)

A security administrator has discovered that workstations on the LAN are becoming infected with malware. The cause of the infections appears to be users receiving phishing emails that are bypassing the current email-filtering technology. As a result, users are being tricked into clicking on malicious URLs, as no internal controls currently exist in the environment to evaluate their safety. Which of the following would be BEST to implement to address the issue?

- A. Forward proxy
- B. HIDS
- C. Awareness training
- D. A jump server
- E. IPS

Answer: C

Explanation:

Awareness training should be implemented to educate users on the risks of clicking on malicious URLs. References: CompTIA Security+ Study Guide: Exam SY0-601, Chapter 9

NEW QUESTION 16

- (Exam Topic 1)

An analyst is working on an email security incident in which the target opened an attachment containing a worm. The analyst wants to implement mitigation techniques to prevent further spread. Which of the following is the BEST course of action for the analyst to take?

- A. Apply a DLP solution.
- B. Implement network segmentation
- C. Utilize email content filtering,
- D. isolate the infected attachment.

Answer: B

Explanation:

Network segmentation is the BEST course of action for the analyst to take to prevent further spread of the worm. Network segmentation helps to divide a network into smaller segments, isolating the infected attachment from the rest of the network. This helps to prevent the worm from spreading to other devices within the network. Implementing email content filtering or DLP solution might help in preventing the email from reaching the target or identifying the worm, respectively, but will not stop the spread of the worm. References: CompTIA Security+ Study Guide, Chapter 5: Securing Network Infrastructure, 5.2 Implement Network Segmentation, pp. 286-289

NEW QUESTION 18

- (Exam Topic 1)

Which of the following authentication methods is considered to be the LEAST secure?

- A. TOTP
- B. SMS
- C. HOTP
- D. Token key

Answer: B

Explanation:

SMS-based authentication is considered to be the least secure among the given options. This is because SMS messages can be intercepted or redirected by attackers through techniques such as SIM swapping, man-in-the-middle attacks, or exploiting weaknesses in the SS7 protocol used by mobile networks. Additionally, SMS messages can be compromised if a user's phone is lost, stolen, or infected with malware. In contrast, TOTP (Time-based One-Time Password), HOTP (HMAC-based One-Time Password), and token keys are more secure as they rely on cryptographic algorithms or physical devices to generate one-time use codes, which are less susceptible to interception or unauthorized access. Reference: 1. National Institute of Standards and Technology (NIST). (2017). Digital Identity Guidelines: Authentication and Lifecycle Management (NIST SP 800-63B). <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-63b.pdf>

NEW QUESTION 21

- (Exam Topic 1)

An enterprise needs to keep cryptographic keys in a safe manner. Which of the following network appliances can achieve this goal?

- A. HSM
- B. CASB
- C. TPM
- D. DLP

Answer: A

Explanation:

Hardware Security Module (HSM) is a network appliance designed to securely store cryptographic keys and perform cryptographic operations. HSMs provide a secure environment for key management and can be used to keep cryptographic keys safe from theft, loss, or unauthorized access. Therefore, an enterprise can achieve the goal of keeping cryptographic keys in a safe manner by using an HSM appliance. References: CompTIA Security+ Certification Exam Objectives, Exam Domain 2.0: Technologies and Tools, 2.4 Given a scenario, use appropriate tools and techniques to troubleshoot security issues, p. 21

NEW QUESTION 26

- (Exam Topic 1)

Which of the following BEST describes the method a security analyst would use to confirm a file that is downloaded from a trusted security website is not altered in transit or corrupted using a verified checksum?

- A. Hashing

- B. Salting
- C. Integrity
- D. Digital signature

Answer: A

Explanation:

Hashing is a cryptographic function that produces a unique fixed-size output (i.e., hash value) from an input (i.e., data). The hash value is a digital fingerprint of the data, which means that if the data changes, so too does the hash value. By comparing the hash value of the downloaded file with the hash value provided by the security website, the security analyst can verify that the file has not been altered in transit or corrupted.

NEW QUESTION 29

- (Exam Topic 1)

An information security manager for an organization is completing a PCI DSS self-assessment for the first time. Which of the following is the MOST likely reason for this type of assessment?

- A. An international expansion project is currently underway.
- B. Outside consultants utilize this tool to measure security maturity.
- C. The organization is expecting to process credit card information.
- D. A government regulator has requested this audit to be completed

Answer: C

Explanation:

PCI DSS (Payment Card Industry Data Security Standard) is a set of security standards designed to ensure that all companies that accept, process, store, or transmit credit card information maintain a secure environment. Any organization that accepts credit card payments is required to comply with PCI DSS.

NEW QUESTION 31

- (Exam Topic 1)

A systems engineer is building a new system for production. Which of the following is the FINAL step to be performed prior to promoting to production?

- A. Disable unneeded services.
- B. Install the latest security patches.
- C. Run a vulnerability scan.
- D. Encrypt all disks.

Answer: C

Explanation:

Running a vulnerability scan is the final step to be performed prior to promoting a system to production. This allows any remaining security issues to be identified and resolved before the system is put into production. References: CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 3

NEW QUESTION 36

- (Exam Topic 1)

Which of the following is a risk that is specifically associated with hosting applications in the public cloud?

- A. Unsecured root accounts
- B. Zero day
- C. Shared tenancy
- D. Insider threat

Answer: C

Explanation:

When hosting applications in the public cloud, there is a risk of shared tenancy, meaning that multiple organizations are sharing the same infrastructure. This can potentially allow one tenant to access another tenant's data, creating a security risk. References: CompTIA Security+ Certification Exam Objectives (SY0-601)

NEW QUESTION 40

- (Exam Topic 1)

A security engineer is hardening existing solutions to reduce application vulnerabilities. Which of the following solutions should the engineer implement FIRST? (Select TWO)

- A. Auto-update
- B. HTTP headers
- C. Secure cookies
- D. Third-party updates
- E. Full disk encryption
- F. Sandboxing
- G. Hardware encryption

Answer: AF

Explanation:

Auto-update can help keep the app up-to-date with the latest security fixes and enhancements, and reduce the risk of exploitation by attackers who target outdated or vulnerable versions of the app.

Sandboxing can help isolate the app from other processes and resources on the system, and limit its access and permissions to only what is necessary.

Sandboxing can help prevent the app from being affected by or affecting other applications or system components, and contain any potential damage in case of a breach.

NEW QUESTION 45

- (Exam Topic 1)

Which of the following disaster recovery tests is the LEAST time consuming for the disaster recovery team?

- A. Tabletop
- B. Parallel
- C. Full interruption
- D. Simulation

Answer: A

Explanation:

A tabletop exercise is a type of disaster recovery test that simulates a disaster scenario in a discussion-based format, without actually disrupting operations or requiring physical testing of recovery procedures. It is the least time-consuming type of test for the disaster recovery team.

NEW QUESTION 49

- (Exam Topic 1)

A systems administrator is considering different backup solutions for the IT infrastructure. The company is looking for a solution that offers the fastest recovery time while also saving the most amount of storage used to maintain the backups. Which of the following recovery solutions would be the BEST option to meet these requirements?

- A. Snapshot
- B. Differential
- C. Full
- D. Tape

Answer: B

Explanation:

Differential backup is a type of backup that backs up all data that has changed since the last full backup. This backup method offers faster recovery than a full backup, as it only needs to restore the full backup and the differential backup, reducing the amount of data that needs to be restored. It also uses less storage than a full backup as it only stores the changes made from the last full backup.

NEW QUESTION 50

- (Exam Topic 1)

A new security engineer has started hardening systems. One of the hardening techniques the engineer is using involves disabling remote logins to the NAS. Users are now reporting the inability to use SCP to transfer files to the NAS, even though the data is still viewable from the user's PCs. Which of the following is the most likely cause of this issue?

- A. TFTP was disabled on the local hosts
- B. SSH was turned off instead of modifying the configuration file
- C. Remote login was disabled in the networkd.config instead of using the sshd.conf
- D. Network services are no longer running on the NAS

Answer: B

Explanation:

SSH stands for Secure Shell Protocol, which is a cryptographic network protocol that allows secure remote login and command execution on a network device¹. SSH can encrypt both the authentication information and the data being exchanged between the client and the server². SSH can be used to access and manage a NAS device remotely³.

NEW QUESTION 55

- (Exam Topic 1)

Which of the following environment utilizes dummy data and is MOST to be installed locally on a system that allows to be assessed directly and modified easily with each build?

- A. Production
- B. Test
- C. Staging
- D. Development

Answer: D

Explanation:

The environment that utilizes dummy data and is most likely to be installed locally on a system that allows it to be assessed directly and modified easily with each build is the development environment. The development environment is used for developing and testing software and applications. It is typically installed on a local system, rather than on a remote server, to allow for easy access and modification. Dummy data can be used in the development environment to simulate real-world scenarios and test the software's functionality. References: <https://www.techopedia.com/definition/27561/development-environment>

NEW QUESTION 60

- (Exam Topic 1)

A desktop support technician recently installed a new document-scanning software program on a computer. However, when the end user tried to launch the program, it did not respond. Which of the following is MOST likely the cause?

- A. A new firewall rule is needed to access the application.
- B. The system was quarantined for missing software updates.
- C. The software was not added to the application whitelist.
- D. The system was isolated from the network due to infected software

Answer: C

Explanation:

The most likely cause of the document-scanning software program not responding when launched by the end user is that the software was not added to the application whitelist. An application whitelist is a list of approved software applications that are allowed to run on a system. If the software is not on the whitelist, it may be blocked from running by the system's security policies. Adding the software to the whitelist should resolve the issue and allow the program to run.

References: <https://www.techopedia.com/definition/31541/application-whitelisting>

NEW QUESTION 65

- (Exam Topic 1)

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 employee'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

Explanation:

Phishing is a type of social engineering attack that uses fraudulent emails or other forms of communication to trick users into revealing sensitive information, such as passwords, credit card numbers, or personal details. Phishing emails often impersonate legitimate entities, such as banks, online services, or lottery organizations, and entice users to click on malicious links or attachments that lead to fake websites or malware downloads. Phishing emails usually target a large number of users indiscriminately, hoping that some of them will fall for the scam.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>

<https://www.kaspersky.com/resource-center/definitions/what-is-phishing>

NEW QUESTION 66

- (Exam Topic 1)

A network analyst is investigating compromised corporate information. The analyst leads to a theory that network traffic was intercepted before being transmitted to the internet. The following output was captured on an internal host:

```
IPv4 Address ..... 10.0.0.87
Subnet Mask ..... 255.255.255.0
Default Gateway ..... 10.0.0.1

Internet Address      Physical Address
10.10.255.255         ff-ff-ff-ff-ff-ff
10.0.0.1              aa-aa-aa-aa-aa-aa
10.0.0.254            aa-aa-aa-aa-aa-aa
224.0.0.2             01-00-5e-00-00-02
```

Based on the IoCS, which of the following was the MOST likely attack used to compromise the network communication?

- A. Denial of service
- B. ARP poisoning
- C. Command injection
- D. MAC flooding

Answer: B

Explanation:

ARP poisoning (also known as ARP spoofing) is a type of attack where an attacker sends falsified ARP messages over a local area network to link the attacker's MAC address with the IP address of another host on the network. References: CompTIA Security+ Certification Exam Objectives - 2.5 Given a scenario, analyze potential indicators to determine the type of attack. Study Guide: Chapter 6, page 271.

NEW QUESTION 68

- (Exam Topic 1)

A company was compromised, and a security analyst discovered the attacker was able to get access to a service account. The following logs were discovered during the investigation:

```
User account 'JHDoe' does not exist...
User account 'VMAdmin' does not exist...
User account 'tomcat' wrong password...
User account 'Admin' does not exist...
```

Which of the following MOST likely would have prevented the attacker from learning the service account name?

- A. Race condition testing
- B. Proper error handling
- C. Forward web server logs to a SIEM
- D. Input sanitization

Answer: D

Explanation:

Input sanitization can help prevent attackers from learning the service account name by removing potentially harmful characters from user input, reducing the likelihood of successful injection attacks. References:

- CompTIA Security+ Certification Exam Objectives 2.2: Given a scenario, implement secure coding techniques.
- CompTIA Security+ Study Guide, Sixth Edition, pages 72-73

NEW QUESTION 70

- (Exam Topic 1)

Which of the following cryptographic concepts would a security engineer utilize while implementing non-repudiation? (Select TWO)

- A. Block cipher
- B. Hashing
- C. Private key
- D. Perfect forward secrecy
- E. Salting
- F. Symmetric keys

Answer: BC

Explanation:

Non-repudiation is the ability to ensure that a party cannot deny a previous action or event. Cryptographic concepts that can be used to implement non-repudiation include hashing and digital signatures, which use a private key to sign a message and ensure that the signature is unique to the signer. References: CompTIA Security+ Certification Exam Objectives (SY0-601)

NEW QUESTION 72

- (Exam Topic 1)

A company would like to provide flexibility for employees on device preference. However, the company is concerned about supporting too many different types of hardware. Which of the following deployment models will provide the needed flexibility with the GREATEST amount of control and security over company data and infrastructure?

- A. BYOD
- B. VDI
- C. COPE
- D. CYOD

Answer: D

Explanation:

Choose Your Own Device (CYOD) is a deployment model that allows employees to select from a predefined list of devices. It provides employees with flexibility in device preference while allowing the company to maintain control and security over company data and infrastructure. CYOD deployment model provides a compromise between the strict control provided by Corporate-Owned, Personally Enabled (COPE) deployment model and the flexibility provided by Bring Your Own Device (BYOD) deployment model. References: CompTIA Security+ Study Guide, Chapter 6: Securing Application, Data, and Host Security, 6.5 Implement Mobile Device Management, pp. 334-335

NEW QUESTION 74

- (Exam Topic 1)

A security administrator is setting up a SIEM to help monitor for notable events across the enterprise. Which of the following control types does this BEST represent?

- A. Preventive
- B. Compensating
- C. Corrective
- D. Detective

Answer: D

Explanation:

A SIEM is a security solution that helps detect security incidents by monitoring for notable events across the enterprise. A detective control is a control that is designed to detect security incidents and respond to them. Therefore, a SIEM represents a detective control.

Reference: CompTIA Security+ Study Guide, Exam SY0-601, Chapter 3: Architecture and Design

NEW QUESTION 75

- (Exam Topic 1)

A third party asked a user to share a public key for secure communication. Which of the following file formats should the user choose to share the key?

- A. .pfx
- B. .csr
- C. .pvk
- D. .cer

Answer: D

Explanation:

A user should choose the .cer file format to share a public key for secure communication. A .cer file is a public key certificate that can be shared with third parties to enable secure communication.

References: CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 6: Cryptography, pp. 301-302.

A public key is a cryptographic key that can be used to encrypt or verify data. A public key file is a file that contains one or more public keys in a specific format. There are different formats for public key files, depending on the application and the algorithm used. Some of the common formats are:

- .pfx: This is a file format that stores a certificate and its private and public keys. It is also known as PKCS#12 or Personal Information Exchange. It is used by

some applications such as Microsoft Internet Explorer and Outlook to import and export certificates and keys.1

- .csr: This is a file format that stores a Certificate Signing Request, which is a message sent to a Certificate Authority (CA) to request a digital certificate. It contains the public key and some information about the identity of the requester. It is also known as PKCS#10 or Certification Request Syntax.2
- .pvk: This is a file format that stores a private key for Microsoft Authenticode code signing. It is used with a .spc file that contains the certificate and public key.3
- .cer: This is a file format that stores a certificate, which is a document that binds a public key to an identity. It is also known as DER or Distinguished Encoding Rules. It is used by some applications such as OpenSSL and Java to read and write certificates.4

NEW QUESTION 79

- (Exam Topic 1)

The security team received a report of copyright infringement from the IP space of the corporate network. The report provided a precise time stamp for the incident as well as the name of the copyrighted files. The analyst has been tasked with determining the infringing source machine and instructed to implement measures to prevent such incidents from occurring again. Which of the following is MOST capable of accomplishing both tasks?

- A. HIDS
- B. Allow list
- C. TPM
- D. NGFW

Answer: D

Explanation:

Next-Generation Firewalls (NGFWs) are designed to provide advanced threat protection by combining traditional firewall capabilities with intrusion prevention, application control, and other security features. NGFWs can detect and block unauthorized access attempts, malware infections, and other suspicious activity. They can also be used to monitor file access and detect unauthorized copying or distribution of copyrighted material.

A next-generation firewall (NGFW) can be used to detect and prevent copyright infringement by analyzing network traffic and blocking unauthorized transfers of copyrighted material. Additionally, NGFWs can be configured to enforce access control policies that prevent unauthorized access to sensitive resources.

References:

- CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 6

NEW QUESTION 81

- (Exam Topic 1)

As part of the lessons-learned phase, the SOC is tasked with building methods to detect if a previous incident is happening again. Which of the following would allow the security analyst to alert the SOC if an event is reoccurring?

- A. Creating a playbook within the SOAR
- B. Implementing rules in the NGFW
- C. Updating the DLP hash database
- D. Publishing a new CRL with revoked certificates

Answer: A

Explanation:

Creating a playbook within the Security Orchestration, Automation and Response (SOAR) tool would allow the security analyst to detect if an event is reoccurring by triggering automated actions based on the previous incident's characteristics. This can help the SOC to respond quickly and effectively to the incident.

References: CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 7: Incident Response, pp. 352-354

NEW QUESTION 84

- (Exam Topic 1)

Which of the following would MOST likely be identified by a credentialed scan but would be missed by an uncredentialed scan?

- A. Vulnerabilities with a CVSS score greater than 6.9.
- B. Critical infrastructure vulnerabilities on non-IP protocols.
- C. CVEs related to non-Microsoft systems such as printers and switches.
- D. Missing patches for third-party software on Windows workstations and servers.

Answer: D

Explanation:

An uncredentialed scan would miss missing patches for third-party software on Windows workstations and servers. A credentialed scan, however, can scan the registry and file system to determine the patch level of third-party applications. References: CompTIA Security+ Study Guide by Emmett Dulaney, Chapter 4: Identity and Access Management, The Importance of Credentialing Scans

NEW QUESTION 85

- (Exam Topic 1)

The spread of misinformation surrounding the outbreak of a novel virus on election day led to eligible voters choosing not to take the risk of going the polls. This is an example of:

- A. prepending.
- B. an influence campaign.
- C. a watering-hole attack.
- D. intimidation.
- E. information elicitation.

Answer: B

Explanation:

This scenario describes an influence campaign, where false information is spread to influence or manipulate people's beliefs or actions. In this case, the misinformation led eligible voters to avoid polling places, which influenced the outcome of the election.

NEW QUESTION 89

- (Exam Topic 1)

A global company is experiencing unauthorized logging due to credential theft and account lockouts caused by brute-force attacks. The company is considering implementing a third-party identity provider to help mitigate these attacks. Which of the following would be the BEST control for the company to require from prospective vendors?

- A. IP restrictions
- B. Multifactor authentication
- C. A banned password list
- D. A complex password policy

Answer: B

Explanation:

Multifactor authentication (MFA) would be the best control to require from a third-party identity provider to help mitigate attacks such as credential theft and brute-force attacks. References: CompTIA Security+ Study Guide, Exam SY0-601, Chapter 2

NEW QUESTION 94

- (Exam Topic 1)

Which of the following describes a maintenance metric that measures the average time required to troubleshoot and restore failed equipment?

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

Answer: C

Explanation:

Mean Time To Repair (MTTR) is a maintenance metric that measures the average time required to troubleshoot and restore failed equipment. References: CompTIA Security+ Certification Exam Objectives 4.6 Explain the importance of secure coding practices. Study Guide: Chapter 7, page 323.

NEW QUESTION 95

- (Exam Topic 1)

A cybersecurity administrator needs to allow mobile BYOD devices to access network resources. As the devices are not enrolled to the domain and do not have policies applied to them, which of the following are best practices for authentication and infrastructure security? (Select TWO).

- A. Create a new network for the mobile devices and block the communication to the internal network and servers
- B. Use a captive portal for user authentication.
- C. Authenticate users using OAuth for more resiliency
- D. Implement SSO and allow communication to the internal network
- E. Use the existing network and allow communication to the internal network and servers.
- F. Use a new and updated RADIUS server to maintain the best solution

Answer: BC

Explanation:

When allowing mobile BYOD devices to access network resources, using a captive portal for user authentication and authenticating users using OAuth are both best practices for authentication and infrastructure security. A captive portal requires users to authenticate before accessing the network and can be used to enforce policies and restrictions. OAuth allows users to authenticate using third-party providers, reducing the risk of password reuse and credential theft. References: CompTIA Security+ Study Guide, pages 217-218, 225-226

NEW QUESTION 98

- (Exam Topic 1)

A company would like to set up a secure way to transfer data between users via their mobile phones. The company's top priority is utilizing technology that requires users to be in as close proximity as possible to each other. Which of the following connection methods would BEST fulfill this need?

- A. Cellular
- B. NFC
- C. Wi-Fi
- D. Bluetooth

Answer: B

Explanation:

NFC allows two devices to communicate with each other when they are in close proximity to each other, typically within 5 centimetres. This makes it the most secure connection method for the company's data transfer requirements.

NEW QUESTION 101

- (Exam Topic 1)

A dynamic application vulnerability scan identified code injection could be performed using a web form. Which of the following will be BEST remediation to prevent this vulnerability?

- A. Implement input validations
- B. Deploy MFA
- C. Utilize a WAF
- D. Configure HIPS

Answer: A

Explanation:

Implementing input validations will prevent code injection attacks by verifying the type and format of user input. References: CompTIA Security+ Study Guide: Exam SY0-601, Chapter 8

NEW QUESTION 106

- (Exam Topic 1)

A new vulnerability in the SMB protocol on the Windows systems was recently discovered, but no patches are currently available to resolve the issue. The security administrator is concerned if servers in the company's DMZ will be vulnerable to external attack; however, the administrator cannot disable the service on the servers, as SMB is used by a number of internal systems and applications on the LAN. Which of the following TCP ports should be blocked for all external inbound connections to the DMZ as a workaround to protect the servers? (Select TWO).

- A. 135
- B. 139
- C. 143
- D. 161
- E. 443
- F. 445

Answer: BF

Explanation:

To protect the servers in the company's DMZ from external attack due to the new vulnerability in the SMB protocol on the Windows systems, the security administrator should block TCP ports 139 and 445 for all external inbound connections to the DMZ. SMB uses TCP port 139 and 445. Blocking these ports will prevent external attackers from exploiting the vulnerability in SMB protocol on Windows systems. Blocking TCP ports 139 and 445 for all external inbound connections to the DMZ can help protect the servers, as these ports are used by SMB protocol. Port 135 is also associated with SMB, but it is not commonly used. Ports 143 and 161 are associated with other protocols and services. Reference: CompTIA Security+ Certification Exam Objectives, Exam SY0-601, 1.4 Compare and contrast network architecture and technologies.

NEW QUESTION 109

- (Exam Topic 1)

A security analyst has been tasked with creating a new WiFi network for the company. The requirements received by the analyst are as follows:

- Must be able to differentiate between users connected to WiFi
 - The encryption keys need to change routinely without interrupting the users or forcing reauthentication
 - Must be able to integrate with RADIUS
 - Must not have any open SSIDs
- Which of the following options BEST accommodates these requirements?

- A. WPA2-Enterprise
- B. WPA3-PSK
- C. 802.11n
- D. WPS

Answer: A

Explanation:

Detailed
WPA2-Enterprise can accommodate all of the requirements listed. WPA2-Enterprise uses 802.1X authentication to differentiate between users, supports the use of RADIUS for authentication, and allows for the use of dynamic encryption keys that can be changed without disrupting the users or requiring reauthentication. Additionally, WPA2-Enterprise does not allow for open SSIDs.
References: CompTIA Security+ Study Guide: Exam SY0-601, Chapter 7: Securing Networks, p. 317

NEW QUESTION 110

- (Exam Topic 1)

Which of the following involves the inclusion of code in the main codebase as soon as it is written?

- A. Continuous monitoring
- B. Continuous deployment
- C. Continuous Validation
- D. Continuous integration

Answer: D

Explanation:

Detailed
Continuous Integration (CI) is a practice where developers integrate code into a shared repository frequently, preferably several times a day. Each integration is verified by an automated build and automated tests. CI allows for the detection of errors early in the development cycle, thereby reducing overall development costs.

NEW QUESTION 114

- (Exam Topic 1)

Which of the following must be in place before implementing a BCP?

- A. SLA
- B. AUP
- C. NDA
- D. BIA

Answer: D

Explanation:

A Business Impact Analysis (BIA) is a critical component of a Business Continuity Plan (BCP). It identifies and prioritizes critical business functions and determines the impact of their disruption. References: CompTIA Security+ Study Guide 601, Chapter 10

NEW QUESTION 117

- (Exam Topic 1)

A company's public-facing website, <https://www.organization.com>, has an IP address of 166.18.75.6. However, over the past hour the SOC has received reports of the site's homepage displaying incorrect information. A quick nslookup search shows <https://www.organization.com> is pointing to 151.191.122.115. Which of the following is occurring?

- A. DoS attack
- B. ARP poisoning
- C. DNS spoofing
- D. NXDOMAIN attack

Answer: C

Explanation:

The issue is DNS spoofing, where the DNS resolution has been compromised and is pointing to a malicious IP address. References: CompTIA Security+ Study Guide: Exam SY0-601, Chapter 7

NEW QUESTION 122

- (Exam Topic 1)

After segmenting the network, the network manager wants to control the traffic between the segments. Which of the following should the manager use to control the network traffic?

- A. A DMZ
- B. A VPN a
- C. A VLAN
- D. An ACL

Answer: D

Explanation:

After segmenting the network, a network manager can use an access control list (ACL) to control the traffic between the segments. An ACL is a set of rules that permit or deny traffic based on its characteristics, such as the source and destination IP addresses, protocol type, and port number. References: CompTIA Security+ Certification Guide, Exam SY0-501

NEW QUESTION 125

- (Exam Topic 1)

A user attempts to load a web-based application, but the expected login screen does not appear A help desk analyst troubleshoots the issue by running the following command and reviewing the output on the user's PC

```
user> nslookup software-solution.com
Server: rogue.comptia.com
Address: 172.16.1.250
Non-authoritative answer:
Name: software-solution.com
Address: 10.20.10.10
```

The help desk analyst then runs the same command on the local PC

```
helpdesk> nslookup software-solution.com
Server: dns.comptia.com
Address: 172.16.1.1
Non-authoritative answer:
Name: software-solution.com
Address: 172.16.1.10
```

Which of the following BEST describes the attack that is being detected?

- A. Domain hijacking
- B. DNS poisoning
- C. MAC flooding
- D. Evil twin

Answer: B

Explanation:

DNS poisoning, also known as DNS spoofing or DNS cache poisoning, is a form of computer security hacking in which corrupt Domain Name System (DNS) data is introduced into the DNS resolver's cache, causing the name server to return an incorrect result record, such as an IP address. This results in traffic being diverted to the attacker's computer (or any other malicious destination).

DNS poisoning can be performed by various methods, such as:

- Intercepting and forging DNS responses from legitimate servers
 - Compromising DNS servers and altering their records
 - Exploiting vulnerabilities in DNS protocols or implementations
 - Sending malicious emails or links that trigger DNS queries with poisoned responses
- According to CompTIA Security+ SY0-601 Exam Objectives 1.4 Given a scenario, analyze potential indicators to determine the type of attack:

"DNS poisoning, also known as DNS spoofing or DNS cache poisoning, is a form of computer security hacking in which corrupt Domain Name System (DNS) data is introduced into the DNS resolver's cache, causing the name server to return an incorrect result record."

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://www.cloudflare.com/learning/dns/dns-cache-poisoning/>

NEW QUESTION 128

- (Exam Topic 1)

A security analyst has received several reports of an issue on an internal web application. Users state they are having to provide their credentials twice to log in. The analyst checks with the application team and notes this is not an expected behavior. After looking at several logs, the analyst decides to run some commands on the gateway and obtains the following output:

Internet address	Physical address	Type
192.168.1.1	ff-ec-ab-00-aa-78	dynamic
192.168.1.5	ff-00-5e-48-00-fb	dynamic
192.168.1.8	00-0c-29-1a-e7-fa	dynamic
192.168.1.10	fc-41-5e-48-00-ff	dynamic
224.215.54.47	fc-00-5e-48-00-fb	static

Which of the following BEST describes the attack the company is experiencing?

- A. MAC flooding
- B. URL redirection
- C. ARP poisoning
- D. DNS hijacking

Answer: C

Explanation:

The output of the “netstat -ano” command shows that there are two connections to the same IP address and port number. This indicates that there are two active sessions between the client and server.

The issue of users having to provide their credentials twice to log in is known as a double login prompt issue. This issue can occur due to various reasons such as incorrect configuration of authentication settings, incorrect configuration of web server settings, or issues with the client's browser.

Based on the output of the “netstat -ano” command, it is difficult to determine the exact cause of the issue. However, it is possible that an attacker is intercepting traffic between the client and server and stealing user credentials. This type of attack is known as C. ARP poisoning.

ARP poisoning is a type of attack where an attacker sends fake ARP messages to associate their MAC address with the IP address of another device on the network. This allows them to intercept traffic between the two devices and steal sensitive information such as user credentials.

NEW QUESTION 131

- (Exam Topic 1)

Hackers recently attacked a company's network and obtained several unfavorable pictures from the Chief Executive Officer's workstation. The hackers are threatening to send the images to the press if a ransom is not paid. Which of the following is impacted the MOST?

- A. Identify theft
- B. Data loss
- C. Data exfiltration
- D. Reputation

Answer: D

Explanation:

The best option that describes what is impacted the most by the hackers' attack and threat would be D. Reputation. Reputation is the perception or opinion that others have about a person or an organization. Reputation can affect the trust, credibility, and success of a person or an organization. In this scenario, if the hackers send the unfavorable pictures to the press, it can damage the reputation of the Chief Executive Officer and the company, and cause negative consequences such as loss of customers, partners, investors, or employees.

NEW QUESTION 134

- (Exam Topic 1)

An organization would like to remediate the risk associated with its cloud service provider not meeting its advertised 99.999% availability metrics. Which of the following should the organization consult for the exact requirements for the cloud provider?

- A. SLA
- B. BPA
- C. NDA
- D. MOU

Answer: A

Explanation:

The Service Level Agreement (SLA) is a contract between the cloud service provider and the organization that stipulates the exact requirements for the cloud provider. It outlines the level of service that the provider must deliver, including the minimum uptime percentage, support response times, and the remedies and penalties for failing to meet the agreed-upon service levels.

NEW QUESTION 139

- (Exam Topic 1)

A security engineer needs to create a network segment that can be used for servers that require connections from untrusted networks. Which of the following should the engineer implement?

- A. An air gap
- B. A hot site
- C. A VUAN
- D. A screened subnet

Answer: D

Explanation:

A screened subnet is a network segment that can be used for servers that require connections from untrusted networks. It is placed between two firewalls, with one firewall facing the untrusted network and the other facing the trusted network. This setup provides an additional layer of security by screening the traffic that flows between the two networks. References: CompTIA Security+ Certification Guide, Exam SY0-501

NEW QUESTION 143

- (Exam Topic 1)

Which of the following authentication methods sends out a unique password to be used within a specific number of seconds?

- A. TOTP
- B. Biometrics
- C. Kerberos
- D. LDAP

Answer: A

Explanation:

Time-based One-Time Password (TOTP) is a type of authentication method that sends out a unique password to be used within a specific number of seconds. It uses a combination of a shared secret key and the current time to generate a one-time password. TOTP is commonly used for two-factor authentication (2FA) to provide an additional layer of security beyond just a username and password.

NEW QUESTION 145

- (Exam Topic 1)

The compliance team requires an annual recertification of privileged and non-privileged user access. However, multiple users who left the company six months ago still have access. Which of the following would have prevented this compliance violation?

- A. Account audits
- B. AUP
- C. Password reuse
- D. SSO

Answer: A

Explanation:

Account audits are periodic reviews of user accounts to ensure that they are being used appropriately and that access is being granted and revoked in accordance with the organization's policies and procedures. If the compliance team had been conducting regular account audits, they would have identified the users who left the company six months ago and ensured that their access was revoked in a timely manner. This would have prevented the compliance violation caused by these users still having access to the company's systems.

To prevent this compliance violation, the company should implement account audits. An account audit is a regular review of all user accounts to ensure that they are being used properly and that they are in compliance with the company's security policies. By conducting regular account audits, the company can identify inactive or unused accounts and remove access for those users. This will help to prevent compliance violations and ensure that only authorized users have access to the company's systems and data.

NEW QUESTION 147

- (Exam Topic 1)

An employee's company account was used in a data breach Interviews with the employee revealed:

- The employee was able to avoid changing passwords by using a previous password again.
- The account was accessed from a hostile, foreign nation, but the employee has never traveled to any other countries.

Which of the following can be implemented to prevent these issues from reoccurring? (Select TWO)

- A. Geographic dispersal
- B. Password complexity
- C. Password history
- D. Geotagging
- E. Password lockout
- F. Geofencing

Answer: CF

Explanation:

two possible solutions that can be implemented to prevent these issues from reoccurring are password history and geofencing. Password history is a feature that prevents users from reusing their previous passwords. This can enhance password security by forcing users to create new and unique passwords periodically. Password history can be configured by setting a policy that specifies how many previous passwords are remembered and how often users must change their passwords.

Geofencing is a feature that restricts access to a system or network based on the geographic location of the user or device. This can enhance security by preventing unauthorized access from hostile or foreign regions. Geofencing can be implemented by using GPS, IP address, or other methods to determine the location of the user or device and compare it with a predefined set of boundaries.

NEW QUESTION 148

- (Exam Topic 1)

The SIEM at an organization has detected suspicious traffic coming from a workstation in its internal network. An analyst in the SOC investigated the workstation and discovers malware that is associated with a botnet is installed on the device. A review of the logs on the workstation reveals that the privileges of the local account were escalated to a local administrator. To which of the following groups should the analyst report this real-world event?

- A. The NOC team
- B. The vulnerability management team
- C. The CIRT

D. The read team

Answer: C

Explanation:

The Computer Incident Response Team (CIRT) is responsible for handling incidents and ensuring that the incident response plan is followed. References: CompTIA Security+ Study Guide, Exam SY0-601, Chapter 9

NEW QUESTION 152

- (Exam Topic 1)

As part of a company's ongoing SOC maturation process, the company wants to implement a method to share cyberthreat intelligence data with outside security partners. Which of the following will the company MOST likely implement?

- A. TAXII
- B. TLP
- C. TTP
- D. STIX

Answer: A

Explanation:

Trusted Automated Exchange of Intelligence Information (TAXII) is a standard protocol that enables the sharing of cyber threat intelligence between organizations. It allows organizations to automate the exchange of information in a secure and timely manner. References: CompTIA Security+ Certification Exam Objectives 3.6 Given a scenario, implement secure network architecture concepts. Study Guide: Chapter 4, page 167.

NEW QUESTION 154

- (Exam Topic 1)

An attacker replaces a digitally signed document with another version that goes unnoticed Upon reviewing the document's contents the author notices some additional verbiage that was not originally in the document but cannot validate an integrity issue. Which of the following attacks was used?

- A. Cryptomalware
- B. Hash substitution
- C. Collision
- D. Phishing

Answer: B

Explanation:

This type of attack occurs when an attacker replaces a digitally signed document with another version that has a different hash value. The author would be able to notice the additional verbiage, however, since the hash value would have changed, they would not be able to validate an integrity issue.

NEW QUESTION 156

- (Exam Topic 1)

During an incident a company CIRT determine it is necessary to observe the continued network-based transaction between a callback domain and the malware running on an enterprise PC. Which of the following techniques would be BEST to enable this activity while reducing the risk of lateral spread and the risk that the adversary would notice any changes?

- A. Physical move the PC to a separate internet pint of presence
- B. Create and apply micro segmentation rules.
- C. Emulate the malware in a heavily monitored DM Z segment.
- D. Apply network blacklisting rules for the adversary domain

Answer: C

Explanation:

To observe the continued network-based transaction between a callback domain and the malware running on an enterprise PC while reducing the risk of lateral spread and the risk that the adversary would notice any changes, the best technique to use is to emulate the malware in a heavily monitored DMZ segment. This is a secure environment that is isolated from the rest of the network and can be heavily monitored to detect any suspicious activity. By emulating the malware in this environment, the activity can be observed without the risk of lateral spread or detection by the adversary. References: <https://www.sans.org/blog/incident-response-fundamentals-why-is-the-dmz-so-important/>

NEW QUESTION 160

- (Exam Topic 1)

An application owner reports suspicious activity on an internal financial application from various internal users within the past 14 days. A security analyst notices the following:

- Financial transactions were occurring during irregular time frames and outside of business hours by unauthorized users.
- Internal users in question were changing their passwords frequently during that time period.
- A jump box that several domain administrator users use to connect to remote devices was recently compromised.
- The authentication method used in the environment is NTLM.

Which of the following types of attacks is MOST likely being used to gain unauthorized access?

- A. Pass-the-hash
- B. Brute-force
- C. Directory traversal
- D. Replay

Answer: A

Explanation:

The suspicious activity reported by the application owner, combined with the recent compromise of the jump box and the use of NTLM authentication, suggests that an attacker is likely using a pass-the-hash attack to gain unauthorized access to the financial application. This type of attack involves stealing hashed passwords from memory and then using them to authenticate as the compromised user without needing to know the user's plaintext password. References: CompTIA Security+ Study Guide, Exam SY0-601, 4th Edition, Chapter 5

NEW QUESTION 165

- (Exam Topic 2)

A Chief Information Security Officer (CISO) wants to explicitly raise awareness about the increase of ransomware-as-a-service in a report to the management team. Which of the following best describes the threat actor in the CISO's report?

- A. Insider threat
- B. Hacktivist
- C. Nation-state
- D. Organized crime

Answer: D

Explanation:

Organized crime is a term that describes groups of criminals who operate in a coordinated and systematic manner to pursue illicit activities for profit. Organized crime groups often use sophisticated tools and techniques to evade law enforcement and exploit vulnerabilities in various sectors, such as finance, transportation, or healthcare. Organized crime groups may also collaborate with other criminal groups or actors to share resources, information, or expertise. Ransomware as a service (RaaS) is an example of a business model used by organized crime groups to conduct ransomware and extortion attacks. RaaS is an arrangement between an operator, who develops and maintains the tools to power extortion operations, and an affiliate, who deploys the ransomware payload. When the affiliate conducts a successful ransomware and extortion attack, both parties profit. The RaaS model lowers the barrier to entry for attackers who may not have the skill or technical wherewithal to develop their own tools but can manage ready-made penetration testing and sysadmin tools to perform attacks¹². Insider threat is a term that describes individuals who have legitimate access to an organization's systems or data and use it for malicious purposes, such as theft, sabotage, or espionage. Insider threats may be motivated by various factors, such as greed, revenge, ideology, or coercion. Insider threats may also be unintentional, such as when an employee falls victim to phishing or social engineering. Hacktivist is a term that describes individuals or groups who use hacking or cyberattacks to promote a political or social cause. Hacktivists may target governments, corporations, or other entities that they perceive as oppressive, corrupt, or unethical. Hacktivists may also use cyberattacks to expose information, disrupt services, or deface websites. Nation-state is a term that describes a sovereign state that has a centralized government and a defined territory. Nation-state actors are individuals or groups who conduct cyberattacks on behalf of or with the support of a nation-state. Nation-state actors may target other states, organizations, or individuals for various reasons, such as espionage, sabotage, influence, or retaliation.

NEW QUESTION 169

- (Exam Topic 2)

Which of the following can reduce vulnerabilities by avoiding code reuse?

- A. Memory management
- B. Stored procedures
- C. Normalization
- D. Code obfuscation

Answer: A

Explanation:

Memory management is a technique that can allocate and deallocate memory for applications and processes. Memory management can reduce vulnerabilities by avoiding code reuse, which is a technique that exploits a memory corruption vulnerability to execute malicious code that already exists in memory. Memory management can prevent code reuse by implementing features such as address space layout randomization (ASLR), data execution prevention (DEP), or stack canaries.

NEW QUESTION 173

- (Exam Topic 2)

The application development teams have been asked to answer the following questions:

- > Does this application receive patches from an external source?
- > Does this application contain open-source code?
- > Is this application accessible by external users?
- > Does this application meet the corporate password standard? Which of the following are these questions part of?

- A. Risk control self-assessment
- B. Risk management strategy
- C. Risk acceptance
- D. Risk matrix

Answer: A

Explanation:

A risk control self-assessment (RCSA) is a process that allows an organization to identify, evaluate, and mitigate the risks associated with its activities, processes, systems, and products. A RCSA involves asking relevant questions to assess the effectiveness of existing controls and identify any gaps or weaknesses that need improvement. A RCSA also helps to align the risk appetite and tolerance of the organization with its strategic objectives and performance. The application development teams have been asked to answer questions related to their applications' security posture, such as whether they receive patches from an external source, contain open-source code, are accessible by external users, or meet the corporate password standard. These questions are part of a RCSA process that aims to evaluate the potential risks and vulnerabilities associated with each application and determine how well they are managed and mitigated.

NEW QUESTION 175

- (Exam Topic 2)

Sales team members have been receiving threatening voicemail messages and have reported these incidents to the IT security team. Which of the following would be MOST appropriate for the IT security team to analyze?

- A. Access control
- B. Syslog
- C. Session Initiation Protocol traffic logs
- D. Application logs

Answer: B

Explanation:

Syslogs are log files that are generated by devices on the network and contain information about network activity, including user logins, device connections, and other events. By analyzing these logs, the IT security team can identify the source of the threatening voicemail messages and take the necessary steps to address the issue

NEW QUESTION 178

- (Exam Topic 2)

An attack has occurred against a company.

INSTRUCTIONS

You have been tasked to do the following:

Identify the type of attack that is occurring on the network by clicking on the attacker's tablet and reviewing the output. (Answer Area 1).

Identify which compensating controls should be implemented on the assets, in order to reduce the effectiveness of future attacks by dragging them to the correct server.

(Answer area 2) All objects will be used, but not all placeholders may be filled. Objects may only be used once.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Company Site

←

→

×

http://companysetup.ex

➤

Request

Response

Welcome to your online games. Thanks for logging in.

user,cookie-id,login-time

pete,12351235adf89866eaf,2012-03-21 15:34:34

matt,efda838a8321ff23213,2012-03-21 15:37:34

sara,123e13afd358fa7499d,2012-03-21 15:39:34

Company Site

←

→

×

http://companysetup.ex

➤

Request

Response

Please log in to access your online games

Login:

Password:

Submit Query

Select and Place:

Answer Area 1

SQL Injection

Cross Site Scripting

XML Injection

Session Hijacking

Type of attack

?

Answer Area 2

Input Validation

Code Review

WAF

URL Filtering

Record level access control

Attacker Tablet

Anonymizer

Internet

Firewall

Switch A

Router

Web Server

Database

Application Source Code within repository

Switch B

CRM Server

?

?

?

?

?

?

?

?

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

A computer screen shot of a computer Description automatically generated with low confidence

NEW QUESTION 179

- (Exam Topic 2)

A company wants to deploy decoy systems alongside production systems in order to entice threat actors and to learn more about attackers. Which of the following best describes these systems?

- A. DNS sinkholes
B. Honey pots
C. Virtual machines
D. Neural networks

Answer: B

Explanation:

Honey pots are decoy systems or resources that are designed to attract and deceive threat actors and to learn more about their motives, techniques, etc. They can be deployed alongside production systems to create an illusion of a vulnerable target and divert attacks away from the real systems. They can also collect valuable information and evidence about the attackers and their activities for further analysis or prosecution.

NEW QUESTION 182

- (Exam Topic 2)

Which of the following describes software on network hardware that needs to be updated on a routine basis to help address possible vulnerabilities?

- A. Vendor management
B. Application programming interface
C. Vanishing
D. Encryption strength
E. Firmware

Answer: E

Explanation:

Firmware is software that allows your computer to communicate with hardware devices, such as network routers, switches, or firewalls. Firmware updates can fix bugs, improve performance, and enhance security features. Without firmware updates, the devices you connect to your network might not work properly or might be vulnerable to attacks¹. You can have Windows automatically download recommended drivers and firmware updates for your hardware devices¹, or you can use a network monitoring software to keep track of the firmware status of your devices². You should also follow the best practices for keeping devices and software up to date, such as enforcing automatic updates, monitoring update status, and testing updates before deploying them

NEW QUESTION 187

- (Exam Topic 2)

Which of the following would be best to ensure data is saved to a location on a server, is easily scaled, and is centrally monitored?

- A. Edge computing
B. Microservices
C. Containers
D. Thin client

Answer: C

Explanation:

Containers are a method of virtualization that allow you to run multiple isolated applications on a single server. Containers are lightweight, portable, and scalable, which means they can save resources, improve performance, and simplify deployment. Containers also enable centralized monitoring and management of the applications running on them, using tools such as Docker or Kubernetes. Containers are different from edge computing, which is a distributed computing paradigm that brings computation and data storage closer to the location where it is needed. Microservices are a software architecture style that breaks down complex applications into smaller, independent services that communicate with each other. Thin clients are devices that rely on a server to perform most of the processing tasks and only provide a user interface.

NEW QUESTION 188

- (Exam Topic 2)

An organization is concerned about hackers potentially entering a facility and plugging in a remotely accessible Kali Linux box. Which of the following should be the first lines of defense against such an attack? (Select TWO).

- A. MAC filtering
- B. Zero trust segmentation
- C. Network access control
- D. Access control vestibules
- E. Guards
- F. Bollards.

Answer: AC

Explanation:

MAC filtering is a method of allowing or denying access to a network based on the MAC address of the device attempting to connect. By creating a list of approved MAC addresses, the organization can prevent unauthorized devices from connecting to the network.

Network Access Control (NAC) is a security solution that allows organizations to restrict access to their networks based on the device's identity, configuration, and security posture. This can be used to ensure that only legitimate devices are allowed to connect to the network, and any unauthorized devices are blocked.

NEW QUESTION 193

- (Exam Topic 2)

A manager for the development team is concerned about reports showing a common set of vulnerabilities. The set of vulnerabilities is present on almost all of the applications developed by the team. Which of the following approaches would be most effective for the manager to use to address this issue?

- A. Tune the accuracy of fuzz testing.
- B. Invest in secure coding training and application security guidelines.
- C. Increase the frequency of dynamic code scans to detect issues faster.
- D. Implement code signing to make code immutable.

Answer: B

Explanation:

Invest in secure coding training and application security guidelines is the most effective approach for the manager to use to address the issue of common vulnerabilities in the applications developed by the team. Secure coding training can help the developers learn how to write code that follows security best practices and avoids common mistakes or flaws that can introduce vulnerabilities. Application security guidelines can provide a set of standards and rules for developing secure applications that meet the company's security requirements and policies. By investing in secure coding training and application security guidelines, the manager can improve the security awareness and skills of the development team and reduce the number of vulnerabilities in their applications. References: 1

CompTIA Security+ Certification Exam Objectives, page 9,

Domain 2.0: Architecture and Design, Objective 2.3: Summarize secure application development, deployment, and automation concepts 2

CompTIA Security+ Certification Exam Objectives, page 10, Domain 2.0:

Architecture and Design, Objective 2.4: Explain the importance of embedded and specialized systems security 3 <https://www.comptia.org/blog/what-is-secure-coding>

NEW QUESTION 196

- (Exam Topic 2)

An organization wants to quickly assess how effectively the IT team hardened new laptops. Which of the following would be the best solution to perform this assessment?

- A. Install a SIEM tool and properly configure it to read the OS configuration files.
- B. Load current baselines into the existing vulnerability scanner.
- C. Maintain a risk register with each security control marked as compliant or non-compliant.
- D. Manually review the secure configuration guide checklists.

Answer: B

Explanation:

A vulnerability scanner is a tool that can scan devices and systems for known vulnerabilities, misconfigurations, and compliance issues. By loading the current baselines into the scanner, the organization can compare the actual state of the new laptops with the desired state and identify any deviations or weaknesses. This is a quick and automated way to assess the hardening of the new laptops.

NEW QUESTION 197

- (Exam Topic 2)

Recent changes to a company's BYOD policy require all personal mobile devices to use a two-factor authentication method that is not something you know or have. Which of the following will meet this requirement?

- A. Facial recognition
- B. Six-digit PIN

- C. PKI certificate
- D. Smart card

Answer: A

Explanation:

Facial recognition is a type of biometric authentication that uses the unique features of a person's face to verify their identity. Facial recognition is not something you know or have, but something you are, which is one of the three factors of authentication. Facial recognition can use various methods and technologies, such as 2D or 3D images, infrared sensors, machine learning and more, to capture, analyze and compare facial data. Facial recognition can provide a convenient and secure way to authenticate users on personal mobile devices, as it does not require any additional hardware or input from the user. Facial recognition can also be used in conjunction with other factors, such as passwords or tokens, to provide multi-factor authentication. Verified References:

- Biometrics - SY0-601 CompTIA Security+ : 2.4 - Professor Messer IT Certification Training Courses <https://www.professormesser.com/security-plus/sy0-601/sy0-601-video/biometrics/> (See Facial Recognition)
- Security+ (Plus) Certification | CompTIA IT Certifications <https://www.comptia.org/certifications/security> (See Domain 2: Architecture and Design, Objective 2.4: Given a scenario, implement identity and access management controls.)
- Biometric and Facial Recognition - CompTIA Security+ Certification (SY0-501) https://www.oreilly.com/library/view/comptia-security-certification/9781789953091/video9_6.html (See Biometric and Facial Recognition)

NEW QUESTION 199

- (Exam Topic 2)

Which of the following would be most effective to contain a rapidly spreading attack that is affecting a large number of organizations?

- A. Machine learning
- B. DNS sinkhole
- C. Blocklist
- D. Honey pot

Answer: B

Explanation:

A DNS sinkhole would be most effective to contain a rapidly spreading attack that is affecting a large number of organizations. A DNS sinkhole is a technique that involves redirecting malicious or unwanted domain names to an alternative IP address, such as a black hole, a honeypot, or a warning page. A DNS sinkhole can help to prevent or disrupt the communication between infected systems and command-and-control servers, malware distribution sites, phishing sites, or botnets. A DNS sinkhole can also help to identify and isolate infected systems by monitoring the traffic to the sinkhole IP address. References:

<https://www.comptia.org/blog/what-is-a-dns-sinkhole>

<https://www.certblaster.com/wp-content/uploads/2020/11/CompTIA-Security-SY0-601-Exam-Objectives-1.0.pdf>

NEW QUESTION 203

- (Exam Topic 2)

A security analyst is investigating network issues between a workstation and a company server. The workstation and server occasionally experience service disruptions, and employees are forced to

reconnect to the server. In addition, some reports indicate sensitive information is being leaked from the server to the public.

The workstation IP address is 192.168.1.103, and the server IP address is 192.168.1.101. The analyst runs `arp -a` On a separate workstation and obtains the following results:

Internet address	Physical address	Type
192.168.1.101	27-4b-17-00-38-08	dynamic
192.168.1.102	8e-45-49-ac-67-b6	dynamic
192.168.1.103	27-4b-17-00-38-08	dynamic
192.168.1.105	1f-35-91-55-0f-39	dynamic
192.168.1.157	27-4b-17-00-38-08	dynamic
192.168.1.190	12-d6-cf-91-f6-3f	dynamic

Which of the following is most likely occurring?

- A. Evil twin attack
- B. Domain hijacking attack
- C. On-path attack
- D. MAC flooding attack

Answer: C

Explanation:

An on-path attack is a type of attack where an attacker places themselves between two devices (such as a workstation and a server) and intercepts or modifies the communications between them. An on-path attacker can collect sensitive information, impersonate either device, or disrupt the service. In this scenario, the attacker is likely using an on-path attack to capture and alter the network traffic between the workstation and the server, causing service disruptions and data leakage.

NEW QUESTION 205

- (Exam Topic 2)

A security analyst is assisting a team of developers with best practices for coding. The security analyst would like to defend against the use of SQL injection attacks. Which of the following should the security analyst recommend first?

- A. Tokenization
- B. Input validation
- C. Code signing
- D. Secure cookies

Answer: B

Explanation:

Input validation is a technique that involves checking the user input for any malicious or unexpected characters or commands that could be used to perform SQL injection attacks. Input validation can be done by using allow-lists or deny-lists to filter out the input based on predefined criteria. Input validation can prevent SQL injection attacks by ensuring that only valid and expected input is passed to the database queries.

NEW QUESTION 209

- (Exam Topic 2)

A systems integrator is installing a new access control system for a building. The new system will need to connect to the Company's AD server In order to validate current employees. Which of the following should the systems integrator configure to be the most secure?

- A. HTTPS
- B. SSH
- C. SFTP
- D. LDAPS

Answer: D

Explanation:

LDAPS (Lightweight Directory Access Protocol Secure) is the most secure protocol to use for connecting to an Active Directory server, as it encrypts the communication between the client and the server using SSL/TLS. This prevents eavesdropping, tampering, or spoofing of the authentication and authorization data.

References: 1

CompTIA Security+ Certification Exam Objectives, page 13, Domain 3.0: Implementation, Objective 3.2: Implement secure protocols 2

CompTIA Security+ Certification Exam Objectives, page 15,

Domain 3.0: Implementation, Objective 3.5: Implement secure authentication mechanisms 3

<https://docs.microsoft.com/en-us/previous-versions/windows/it-pro/windows-server-2008-R2-and-2008/cc731>

NEW QUESTION 211

- (Exam Topic 2)

The alert indicates an attacker entered thousands of characters into the text box of a web form. The web form was intended for legitimate customers to enter their phone numbers. Which of the attacks has most likely occurred?

- A. Privilege escalation
- B. Buffer overflow
- C. Resource exhaustion
- D. Cross-site scripting

Answer: B

Explanation:

A buffer overflow attack occurs when an attacker inputs more data than the buffer can store, causing the excess data to overwrite adjacent memory locations and corrupt or execute code¹. In this case, the attacker entered thousands of characters into a text box that was intended for phone numbers, which are much shorter. This could result in a buffer overflow attack that compromises the web application or server. The other options are not related to this scenario. Privilege escalation is when an attacker gains unauthorized access to higher-level privileges or resources². Resource exhaustion is when an attacker consumes all the available resources of a system, such as CPU, memory, disk space, etc., to cause a denial of service³. Cross-site scripting is when an attacker injects malicious code into a web page that is executed by the browser of a victim who visits the page.

References: 1: <https://www.fortinet.com/resources/cyberglossary/buffer-overflow> 2:

<https://www.imperva.com/learn/application-security/privilege-escalation/> 3: <https://www.imperva.com/learn/application-security/resource-exhaustion/> :

<https://owasp.org/www-community/attacks/xss/>

NEW QUESTION 216

- (Exam Topic 2)

A report delivered to the Chief Information Security Officer (CISO) shows that some user credentials could be exfiltrated. The report also indicates that users tend to choose the same credentials on different systems and applications. Which of the following policies should the CISO use to prevent someone from using the exfiltrated credentials?

- A. MFA
- B. Lockout
- C. Time-based logins
- D. Password history

Answer: A

Explanation:

MFA stands for multi-factor authentication, which is a method of verifying a user's identity using two or more factors, such as something you know (e.g., password), something you have (e.g., token), or something you are (e.g., biometrics). MFA can prevent someone from using the exfiltrated credentials, as they would need to provide another factor besides the username and password to access the system or application. MFA can also alert the legitimate user of an unauthorized login attempt, allowing them to change their credentials or report the incident. References:

> <https://www.comptia.org/certifications/security>

> <https://www.youtube.com/watch?v=yCJyPPvM-xg>

> <https://www.professormesser.com/security-plus/sy0-601/sy0-601-video/multi-factor-authentication-5/>

NEW QUESTION 217

- (Exam Topic 2)

A network architect wants a server to have the ability to retain network availability even if one of the network switches it is connected to goes down. Which of the

following should the architect implement on the server to achieve this goal?

- A. RAID
- B. UPS
- C. NIC teaming
- D. Load balancing

Answer: C

Explanation:

NIC Teaming is a feature that allows a server to be connected to multiple network switches, providing redundancy and increased network availability. If one of the switches goes down, the server will still be able to send and receive data through one of the other switches. To configure NIC Teaming in Windows Server, see Microsoft's documentation:

<https://docs.microsoft.com/en-us/windows-server/networking/technologies/nic-teaming>. For more information on NIC Teaming and other network redundancy features, refer to the CompTIA Security+ SY0-601 Official Text Book and Resources.

NEW QUESTION 218

- (Exam Topic 2)

Which Of the following best ensures minimal downtime for organizations vÃh crit-ical computing equipment located in earthquake-prone areas?

- A. Generators and UPS
- B. Off-site replication
- C. Additional warm site
- D. Local

Answer: B

Explanation:

Off-site replication is a process of copying and storing data in a remote location that is geographically separate from the primary site. It can ensure minimal downtime for organizations with critical computing equipment located in earthquake-prone areas by providing a backup copy of data that can be accessed and restored in case of a disaster or disruption at the primary site.

NEW QUESTION 220

- (Exam Topic 2)

The Chief Executive Officer (CEO) of an organization would like staff members to have the flexibility to work from home anytime during business hours, including during a pandemic or crisis. However, the CEO is concerned that some staff members may take advantage of the flexibility and work from high-risk countries while on holiday or outsource work to a third-party organization in another country. The Chief Information Officer believes the company can implement some basic controls to mitigate the majority of the risk. Which of the following would be best to mitigate the CEO's concerns? (Select two).

- A. Geolocation
- B. Time-of-day restrictions
- C. Certificates
- D. Tokens
- E. Geotagging
- F. Role-based access controls

Answer: AB

Explanation:

Geolocation and time-of-day restrictions would be best to mitigate the CEO's concerns about staff members working from high-risk countries while on holiday or outsourcing work to a third-party organization in another country. Geolocation is a technique that involves determining the physical location of a device or user based on its IP address, GPS coordinates, Wi-Fi signals, or other indicators. Time-of-day restrictions are policies that limit the access or usage of resources based on the time of day or week. Geolocation and time-of-day restrictions can help to enforce access control rules, prevent unauthorized access, detect anomalous behavior, and comply with regulations. References: <https://www.comptia.org/blog/what-is-geolocation>

<https://www.certblaster.com/wp-content/uploads/2020/11/CompTIA-Security-SY0-601-Exam-Objectives-1.0.pdf>

NEW QUESTION 225

- (Exam Topic 2)

A company purchased cyber insurance to address items listed on the risk register. Which of the following strategies does this represent?

- A. Accept
- B. Transfer
- C. Mitigate
- D. Avoid

Answer: B

Explanation:

A company purchased cyber insurance to address items listed on the risk register. This represents a transfer strategy. A transfer strategy involves transferring or sharing some or all of the responsibility or impact of a risk to another party, such as an insurer, a supplier, or a partner. A transfer strategy can help to reduce the financial liability or exposure of the company in case of a security incident or breach. References: <https://www.comptia.org/blog/what-is-cyber-insurance>

<https://www.certblaster.com/wp-content/uploads/2020/11/CompTIA-Security-SY0-601-Exam-Objectives-1.0.pdf>

NEW QUESTION 226

- (Exam Topic 2)

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 know
- E. Something you are
- F. Something you can do

Answer: AB

Explanation:

MFA (Multi-Factor Authentication) is a method of verifying a user's identity by requiring two or more factors or attributes that belong to different categories. The categories are something you know (such as a password or a PIN), something you have (such as a token or a smart card), something you are (such as a fingerprint or an iris scan), something you do (such as a gesture or a voice command), and somewhere you are (such as a location or an IP address). In this case, the user enters a password (something you know) and then receives an authentication code (something you have) to log in to a workstation.

NEW QUESTION 230

- (Exam Topic 2)

Which Of the following security controls can be used to prevent multiple from using a unique card swipe and being admitted to a entrance?

- A. Visitor logs
- B. Faraday cages
- C. Access control vestibules
- D. Motion detection sensors

Answer: C

Explanation:

Access control vestibules are physical security controls that consist of two sets of doors or gates that create a small enclosed space between them. Only one door or gate can be opened at a time, and only one person can enter or exit the vestibule at a time. Access control vestibules can prevent multiple people from using a unique card swipe and being admitted to a secure entrance, as they require each person to authenticate individually and prevent tailgating or piggybacking.

NEW QUESTION 234

- (Exam Topic 2)

A security analyst is investigating what appears to be unauthorized access to a corporate web application. The security analyst reviews the web server logs and finds the following entries:

```
106.35.45.53 - - [22/May/2020:07:00:58 +0100] "GET /login?username=admin&pin=0000 HTTP/1.1" 200 11705
"http://www.example.com/login.php"
106.35.45.53 - - [22/May/2020:07:01:21 +0100] "GET /login?username=admin&pin=0001 HTTP/1.1" 200 11705
"http://www.example.com/login.php"
106.35.45.53 - - [22/May/2020:07:01:52 +0100] "GET /login?username=admin&pin=0002 HTTP/1.1" 200 11705
"http://www.example.com/login.php"
106.35.45.53 - - [22/May/2020:07:02:18 +0100] "GET /login?username=admin&pin=0003 HTTP/1.1" 200 11705
"http://www.example.com/login.php"
106.35.45.53 - - [22/May/2020:07:02:18 +0100] "GET /login?username=admin&pin=0004 HTTP/1.1" 200 11705
"http://www.example.com/login.php"
```

Which of the following password attacks is taking place?

- A. Dictionary
- B. Brute-force
- C. Rainbow table
- D. Spraying

Answer: D

Explanation:

Spraying is a password attack that involves trying a few common passwords against a large number of usernames. Spraying is different from brute-force attacks, which try many possible passwords against one username, or dictionary attacks, which try a list of words from a dictionary file against one username. Spraying is often used when the web application has a lockout policy that prevents multiple failed login attempts for the same username. Spraying can be detected by looking for patterns of failed login attempts from the same source IP address with different usernames and the same or similar passwords.

NEW QUESTION 236

- (Exam Topic 2)

An IT manager is estimating the mobile device budget for the upcoming year. Over the last five years, the number of devices that were replaced due to loss, damage, or theft steadily increased by 10%. Which of the following would best describe the estimated number of devices to be replaced next year?

- A. SLA
- B. ARO
- C. RPO
- D. SLE

Answer: B

Explanation:

ARO stands for annualized rate of occurrence, which is a metric that estimates how often a threat event will occur within a year. ARO can help an IT manager estimate the mobile device budget for the upcoming year by multiplying the number of devices replaced in the previous year by the percentage increase of replacement over the last five years. For example, if 100 devices were replaced in the previous year and the replacement rate increased by 10% each year for the last five years, then the estimated number of devices to be replaced next year is $100 \times (1 + 0.1)^5 = 161$.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://www.techopedia.com/definition/24866/annualized-rate-of-occurrence-aro>

NEW QUESTION 238

- (Exam Topic 2)

A malicious actor recently penetrated a company's network and moved laterally to the data center. Upon investigation, a forensics firm wants to know what was in the memory on the compromised server. Which of the following files should be given to the forensics firm?

- A. Security
- B. Application
- C. Dump
- D. Syslog

Answer: C

Explanation:

A dump file is a file that contains the contents of memory at a specific point in time. It can be used for debugging or forensic analysis of a system or an application. It can reveal what was in the memory on the compromised server, such as processes, variables, passwords, encryption keys, etc.

NEW QUESTION 243

- (Exam Topic 2)

The management team has requested that the security team implement 802.1X into the existing wireless network setup. The following requirements must be met:

- Minimal interruption to the end user
- Mutual certificate validation

Which of the following authentication protocols would meet these requirements?

- A. EAP-FAST
- B. PSK
- C. EAP-TTLS
- D. EAP-TLS

Answer: D

Explanation:

EAP-TLS (Extensible Authentication Protocol - Transport Layer Security) is an authentication protocol that uses certificates to provide mutual authentication between the client and the authentication server. It also allows for the encryption of user credentials, making EAP-TLS a secure and reliable authentication protocol. According to the CompTIA Security+ SY0-601 Official Text Book, EAP-TLS is well-suited for wireless networks due to its mutual authentication capabilities and its ability to securely store credentials. It is also the preferred authentication protocol for 802.1X wireless networks.

NEW QUESTION 247

- (Exam Topic 2)

To reduce and limit software and infrastructure costs, the Chief Information Officer has requested to move email services to the cloud. The cloud provider and the organization must have security controls to protect sensitive data. Which of the following cloud services would best accommodate the request?

- A. IaaS
- B. PaaS
- C. DaaS
- D. SaaS

Answer: D

Explanation:

SaaS (Software as a Service) is a cloud model that provides clients with applications and software that are hosted and managed by a cloud provider over the internet. It can move email services to the cloud by allowing clients to access and use email applications without installing or maintaining them on their own devices or servers.

NEW QUESTION 250

- (Exam Topic 2)

A company recently suffered a breach in which an attacker was able to access the internal mail servers and directly access several user inboxes. A large number of email messages were later posted online. Which of the following would best prevent email contents from being released should another breach occur?

- A. Implement S/MIME to encrypt the emails at rest.
- B. Enable full disk encryption on the mail servers.
- C. Use digital certificates when accessing email via the web.
- D. Configure web traffic to only use TLS-enabled channels.

Answer: A

Explanation:

S/MIME stands for Secure/Multipurpose Internet Mail Extensions, which is a standard for encrypting and digitally signing email messages. S/MIME can provide confidentiality, integrity, authentication, and

non-repudiation for email communications. S/MIME can encrypt the emails at rest, which means that the

email contents are protected even if they are stored on the mail servers or the user inboxes. S/MIME can prevent email contents from being released should another breach occur, as the attacker would not be able to decrypt or read the encrypted emails without the proper keys or certificates. Verified References:

➤ Cryptography Concepts – SY0-601 CompTIA Security+ : 2.8 <https://www.professormesser.com/security-plus/sy0-601/sy0-601-video/cryptography-concepts-2/> (See S/MIME)

➤ Mail Encryption - CompTIA Security+ All-in-One Exam Guide (Exam SY0-301) https://www.oreilly.com/library/view/comptia-security-all-in-one/9780071771474/sec5_chap14.html (See S/MIME)

➤ Symmetric and Asymmetric Encryption – CompTIA Security+ SY0-501 – 6.1 <https://www.professormesser.com/security-plus/sy0-501/symmetric-and-asymmetric-encryption/> (See S/MIME)

NEW QUESTION 252

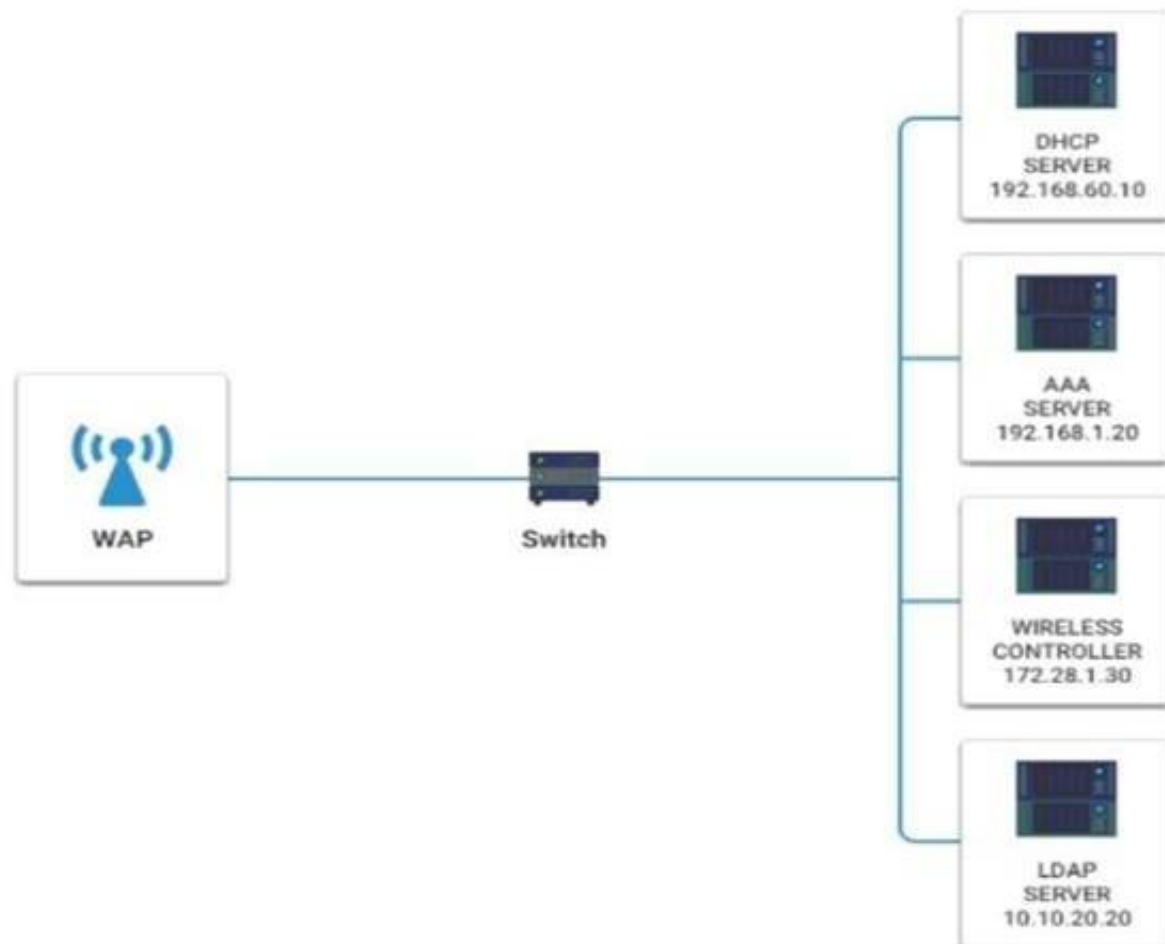
- (Exam Topic 2)

A newly purchased corporate WAP needs to be configured in the MOST secure manner possible. INSTRUCTIONS

Please click on the below items on the network diagram and configure them accordingly:

- > WAP
- > DHCP Server
- > AAA Server
- > Wireless Controller
- > LDAP Server

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



Wireless Access Point

Basic Wireless Settings

Wireless Network Mode: MIXED

Wireless Network Name(SSID): DEFAULT

Wireless Channel: 1

Wireless SSID Broadcast: ☒ enable ☐ disable

Cancel Changes Save Settings

Wireless Access Point

Wireless Security

Security Mode: Disabled

Cancel Changes Save Settings

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Wireless Access Point Network Mode – G only
 Wireless Channel – 11
 Wireless SSID Broadcast – disable
 Security settings – WPA2 Professional

NEW QUESTION 257

- (Exam Topic 2)

A company is moving to new location. The systems administrator has provided the following server room requirements to the facilities staff:

- > Consistent power levels in case of brownouts or voltage spikes
- > A minimum of 30 minutes runtime following a power outage
- > Ability to trigger graceful shutdowns of critical systems

Which of the following would BEST meet the requirements?

- A. Maintaining a standby, gas-powered generator
- B. Using large surge suppressors on computer equipment
- C. Configuring managed PDUs to monitor power levels
- D. Deploying an appropriately sized, network-connected UPS device

Answer: D

Explanation:

A UPS (uninterruptible power supply) device is a battery backup system that can provide consistent power levels in case of brownouts or voltage spikes. It can also provide a minimum of 30 minutes runtime following a power outage, depending on the size and load of the device. A network-connected UPS device can also communicate with critical systems and trigger graceful shutdowns if the battery level is low or the power is not restored.

NEW QUESTION 262

- (Exam Topic 2)

A company has hired an assessment team to test the security of the corporate network and employee vigilance. Only the Chief Executive Officer and Chief Operating Officer are aware of this exercise, and very little information has been provided to the assessors. Which of the following is taking place?

- A. A red-team test
- B. A white-team test
- C. A purple-team test
- D. A blue-team test

Answer: A

Explanation:

A red-team test is a type of security assessment that simulates a real-world attack on an organization's network, systems, applications, and people. The goal of a red-team test is to evaluate the organization's security posture, identify vulnerabilities and gaps, and test the effectiveness of its detection and response capabilities. A red-team test is usually performed by a group of highly skilled security professionals who act as adversaries and use various tools and techniques to breach the organization's defenses. A red-team test is often conducted without the knowledge or consent of most of the organization's staff, except for a few senior executives who authorize and oversee the exercise.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://cybersecurity.att.com/blogs/security-essentials/what-is-red-teaming>

NEW QUESTION 264

- (Exam Topic 2)

A security operations technician is searching the log named /var/messages for any events that were associated with a workstation with the IP address 10.1.1.1. Which of the following would provide this information?

- A. cat /var/messages | grep 10.1.1.1
- B. grep 10.1.1.1 | cat /var/messages
- C. grep /var/messages | cat 10.1.1.1
- D. cat 10.1.1.1 | grep /var/messages

Answer: A

Explanation:

the cat command reads the file and streams its content to standard output. The | symbol connects the output of the left command with the input of the right command. The grep command returns all lines that match the regex. The cut command splits each line into fields based on a delimiter and extracts a specific field.

NEW QUESTION 267

- (Exam Topic 2)

A security analyst is investigating a report from a penetration test. During the penetration test, consultants were able to download sensitive data from a back-end server. The back-end server was exposing an API that should have only been available from the companV's mobile application. After reviewing the back-end server logs, the security analyst finds the following entries

```
10.35.45.53 - - [22/May/2020:06:57:31 +0100] "GET /api/cliend_id=1 HTTP/1.1" 403 1705 "http://www.example.com/api/" "PostmanRuntime/7.26.5"
10.35.45.53 - - [22/May/2020:07:00:58 +0100] "GET /api/cliend_id=2 HTTP/1.1" 403 1705 "http://www.example.com/api/" "PostmanRuntime/7.22.0"
10.32.40.13 - - [22/May/2020:08:08:52 +0100] "GET /api/cliend_id=1 HTTP/1.1" 302 21703 "http://www.example.com/api/" "CompanyMobileApp/1.1.1"
10.32.40.25 - - [22/May/2020:08:13:52 +0100] "GET /api/cliend_id=1 HTTP/1.1" 200 21703 "http://www.example.com/api/" "CompanyMobileApp/2.3.1"
10.35.45.53 - - [22/May/2020:08:20:18 +0100] "GET /api/cliend_id=2 HTTP/1.1" 200 22405 "http://www.example.com/api/" "CompanyMobileApp/2.3.0"
```

Which of the following is the most likely cause of the security control bypass?

- A. IP address allow list
- B. user-agent spoofing
- C. WAF bypass
- D. Referrer manipulation

Answer: B

Explanation:

User-agent spoofing is a technique that allows an attacker to modify the user-agent header of an HTTP request to impersonate another browser or device¹². User-agent spoofing can be used to bypass security controls that rely on user-agent filtering or validation¹². In this case, the attacker spoofed the user-agent header to match the company's mobile application, which was allowed to access the back-end server's API².

NEW QUESTION 269

- (Exam Topic 2)

Developers are writing code and merging it into shared repositories several times a day. where it is tested automatically. Which of the following concepts does this best represent?

- A. Functional testing
- B. Stored procedures
- C. Elasticity
- D. Continuous Integration

Answer: D

Explanation:

Continuous Integration is the concept that best represents developers writing code and merging it into shared repositories several times a day, where it is tested automatically. Continuous Integration is a software development practice that involves integrating code changes from multiple developers into a shared repository frequently and running automated tests to ensure quality and functionality. Continuous Integration can help to detect and fix errors early, improve collaboration, reduce rework, and accelerate delivery. References: <https://www.comptia.org/blog/what-is-devops>
<https://www.certblaster.com/wp-content/uploads/2020/11/CompTIA-Security-SY0-601-Exam-Objectives-1.0.pdf>

NEW QUESTION 274

- (Exam Topic 2)

A company would like to protect credit card information that is stored in a database from being exposed and reused. However, the current POS system does not support encryption. Which of the following would be BEST suited to secure this information?

(Give me related explanation and references from CompTIA Security+ SY0-601 documents for Correct answer option)

- A. Masking
- B. Tokenization
- C. DLP
- D. SSL/TLS

Answer: B

Explanation:

Tokenization replaces sensitive data with non-sensitive data, such as a unique identifier. This means that the data is still present in the system, but the sensitive information itself is replaced with the token. Tokenization is more secure than masking, which only obscures the data but does not eliminate it. DLP is not suitable for this task, as it is designed to prevent the loss or leakage of data from the system. SSL/TLS can be used to secure the transmission of data, but it cannot prevent the data itself from being exposed or reused. For more information, please refer to CompTIA Security+ SY0-601 Exam Objectives, Section 3.3: Explain the security purpose of authentication, authorization and accounting (AAA) services, and Section 4.7: Explain the purpose and characteristics of various types of encryption.

NEW QUESTION 278

- (Exam Topic 2)

Which of the following processes would most likely help an organization that has conducted an incident response exercise to improve performance and identify challenges?

- A. Lessons learned
- B. Identification
- C. Simulation
- D. Containment

Answer: A

Explanation:

Lessons learned is a process that would most likely help an organization that has conducted an incident response exercise to improve performance and identify challenges. Lessons learned is a process that involves reviewing and evaluating the incident response exercise to identify what went well, what went wrong, and what can be improved. Lessons learned can help an organization enhance its incident response capabilities, address any gaps or weaknesses, and update its incident response plan accordingly.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://www.sans.org/reading-room/whitepapers/incident/incident-handlers-handbook-33901>

NEW QUESTION 280

- (Exam Topic 2)

A security analyst is reviewing SIEM logs during an ongoing attack and notices the following:

`http://company.com/get`

`php? f=/etc/passwd`

`http://company.com/..%2F.`

`.42 F..42F.. $2Fetct2Fshadow`

`http: //company.com/../../../../ ../etc/passwd`

Which of the following best describes the type of attack?

- A. SQLi
- B. CSRF
- C. API attacks
- D. Directory traversal

Answer: D

Explanation:

Directory traversal (also known as file path traversal) is a web security vulnerability that allows an attacker to read arbitrary files on the server that is running an application. This might include application code and data, credentials for back-end systems, and sensitive operating system files¹. In some cases, an attacker might be able to write to arbitrary files on the server, allowing them to modify application data or behavior, and ultimately take full control of the server¹.

Directory traversal in its simplest form uses the `../` pattern, which means to step up one level in the directory structure. By repeating this pattern, an attacker can traverse to the root directory and then access any file or folder on the server. For example, the following request attempts to read the Unix password file `/etc/passwd` from the server:

`http://company.com/get.php?f=/etc/passwd`

Some web applications may implement some defenses against directory traversal attacks, such as filtering out .../ patterns or percent-decoding the user input before validating it. However, these defenses can often be bypassed by using variations or encoding techniques. For example, the following requests use different ways to represent .../ or / characters:

`http://company.com/...%2F...%2F...%2Fetc%2Fpasswd`

`http://company.com/../../../../%2Fetc%2Fpasswd` `http://company.com/%2E%2E/%2E%2E/%2E%2E/etc/passwd`

These requests may still result in directory traversal attacks if the web application does not properly handle them¹².

* A. SQLi. This is not the correct answer, because SQLi stands for SQL Injection, which is an attack that exploits a vulnerability in a web application's database layer, where malicious SQL statements are inserted into an entry field for execution³. The requests in the question do not contain any SQL statements or commands.

* B. CSRF. This is not the correct answer, because CSRF stands for Cross-Site Request Forgery, which is an attack that exploits the trust a web server has in a user's browser, where malicious requests are sent to the web server using the user's credentials⁴. The requests in the question do not indicate that they are forged or sent by another website.

* C. API attacks. This is not the correct answer, because API stands for Application Programming Interface, which is a set of rules and specifications that allow software components to communicate and exchange data. API attacks are attacks that target the vulnerabilities or weaknesses of APIs, such as authentication, authorization, encryption, rate limiting, or input validation⁵. The requests in the question do not target any specific API functionality or feature.

* D. Directory traversal. This is the correct answer, because directory traversal is an attack that exploits insufficient security validation or sanitization of user-supplied file names, such that characters representing "traverse to parent directory" are passed through to the operating system's file system API¹². The requests in the question contain various patterns of .../ or / characters that attempt to access restricted files and directories on the server.

Reference: What is directory traversal, and how to prevent it? - PortSwigger, Directory traversal attack - Wikipedia, What Is SQL Injection (SQLi) and How To Prevent It, What Is Cross-Site Request Forgery (CSRF)? | Acunetix, API Security Testing – How to Hack an API and Get Away with It (Part 1 of 3).

NEW QUESTION 282

- (Exam Topic 2)

A network engineer receives a call regarding multiple LAN-connected devices that are on the same switch. The devices have suddenly been experiencing speed and latency issues while connecting to network resources. The engineer enters the command `show mac address-table` and reviews the following output

VLAN	MAC	PORT
1	00-04-18-EB-14-30	Fa0/1
1	88-CD-34-19-E8-98	Fa0/2
1	40-11-08-87-10-13	Fa0/3
1	00-04-18-EB-14-30	Fa0/4
1	88-CD-34-00-15-F3	Fa0/5
1	FA-13-02-04-27-64	Fa0/6

Which of the following best describes the attack that is currently in progress?

- A. MAC flooding
- B. Evil twin
- C. ARP poisoning
- D. DHCP spoofing

Answer: C

Explanation:

This is an attempt to redirect traffic to an attacking host by sending an ARP packet that contains the forged address of the next hop router. The attacker tricks the victim into believing that it is the legitimate router by sending a spoofed ARP reply with its own MAC address. This causes the victim to send all its traffic to the attacker instead of the router. The attacker can then intercept, modify, or drop the packets as they please.

NEW QUESTION 284

- (Exam Topic 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: C

Explanation:

A privileged access management (PAM) system is a solution that helps protect organizations against cyberthreats by monitoring, detecting, and preventing unauthorized privileged access to critical resources¹². A PAM system can meet the requirements of the project by providing features such as:

➤ Check-in/checkout of credentials: A PAM system can store and manage privileged credentials in a secure vault, and allow authorized users to check out credentials when needed and check them back in when done. This reduces the risk of credential theft, misuse, or sharin²g³.

➤ The ability to use but not know the password: A PAM system can enable users to access privileged accounts or resources without revealing the actual password, using methods such as password injection, session proxy, or single sign-on²³. This prevents users from copying, changing, or sharing password²s.

➤ Automated password changes: A PAM system can automatically rotate and update passwords for privileged accounts according to predefined policies, such as frequency, complexity, and uniqueness²³.

. This ensures that passwords are always strong and unpredictable, and reduces the risk of password reuse or compromise².

➤ Logging of access to credentials: A PAM system can record and audit all activities related to privileged access, such as who accessed what credentials, when, why, and what they did with them²³. This provides visibility and accountability for privileged access, and enables detection and investigation of anomalies or incidents².

A PAM system is different from OAuth 2.0, which is an authorization framework that enables third-party applications to obtain limited access to an HTTP service on behalf of a resource owner⁴. OAuth 2.0 does not provide the same level of control and security over privileged access as a PAM system does.

A PAM system is also different from a secure enclave, which is a hardware-based security feature that creates an isolated execution environment within a processor to protect sensitive data from unauthorized access or modification⁵. A secure enclave does not provide the same functionality as a PAM system for managing privileged credentials and access.

A PAM system is also different from an OpenID Connect authentication system, which is an identity layer on top of OAuth 2.0 that enables users to verify their identity across multiple websites using a single login⁶. OpenID Connect does not provide the same scope and granularity as a PAM system for controlling and monitoring privileged access.

NEW QUESTION 287

- (Exam Topic 2)

An organization recently released a zero-trust policy that will enforce who is able to remotely access certain data. Authenticated users who access the data must have a need to know, depending on their level of permissions.

Which of the following is the first step the organization should take when implementing the policy?

- A. Determine a quality CASB solution.
- B. Configure the DLP policies by user groups.
- C. Implement agentless NAC on boundary devices.
- D. Classify all data on the file servers.

Answer: D

Explanation:

zero trust is a security strategy that assumes breach and verifies each request as though it originates from an untrusted network¹². A zero trust policy is a set of “allow rules” that specify conditions for accessing certain resources³.

According to one source⁴, the first step in implementing a zero trust policy is to identify and classify all data and assets in the organization. This helps to determine the level of sensitivity and risk associated with each resource and apply appropriate access controls.

Classifying all data on the file servers is the first step in implementing a zero trust policy because it helps to determine the level of sensitivity and risk associated with each resource and apply appropriate access controls.

Reference: Zero Trust implementation guidance | Microsoft Learn

NEW QUESTION 290

- (Exam Topic 2)

A company is auditing the manner in which its European customers' personal information is handled. Which of the following should the company consult?

- A. GDPR
- B. ISO
- C. NIST
- D. PCI DSS

Answer: A

Explanation:

GDPR stands for General Data Protection Regulation, which is a legal framework that sets guidelines for the collection and processing of personal information of individuals within the European Union (EU). GDPR also applies to organizations outside the EU that offer goods or services to, or monitor the behavior of, EU data subjects. GDPR aims to protect the privacy and rights of EU citizens and residents regarding their personal data. GDPR defines personal data as any information relating to an identified or identifiable natural person, such as name, identification number, location data, online identifiers, or any factors specific to the physical, physiological, genetic, mental, economic, cultural, or social identity of that person. A company that is auditing the manner in which its European customers' personal information is handled should consult GDPR to ensure compliance with its rules and obligations. References:

- <https://www.gdpreu.org/the-regulation/key-concepts/personal-data/>
- <https://ico.org.uk/for-organisations-2/guide-to-data-protection/guide-to-the-general-data-protection-regula>

NEW QUESTION 292

- (Exam Topic 2)

Which of the following terms should be included in a contract to help a company monitor the ongoing security maturity of a new vendor?

- A. A right-to-audit clause allowing for annual security audits
- B. Requirements for event logs to be kept for a minimum of 30 days
- C. Integration of threat intelligence in the company's AV
- D. A data-breach clause requiring disclosure of significant data loss

Answer: A

Explanation:

A right-to-audit clause is a contractual provision that allows one party to audit the records and activities of another party to ensure compliance with security policies and standards. It can help a company monitor the ongoing security maturity of a new vendor by conducting annual security audits and identifying any gaps or issues that need to be addressed.

NEW QUESTION 296

- (Exam Topic 2)

A major manufacturing company updated its internal infrastructure and just started to allow OAuth application to access corporate data. Data leakage is being reported. Which of the following most likely caused the issue?

- A. Privilege creep
- B. Unmodified default
- C. TLS
- D. Improper patch management

Answer: A

Explanation:

Privilege creep is the gradual accumulation of access rights beyond what an individual needs to do his or her job. In information technology, a privilege is an identified right that a particular end user has to a particular system resource, such as a file folder or virtual machine. Privilege creep often occurs when an employee changes job responsibilities within an organization and is granted new privileges. While employees may need to retain their former privileges during a period of transition, those privileges are rarely revoked and result in an unnecessary accumulation of access privileges. Privilege creep creates a security risk by increasing the attack surface and exposing sensitive data or systems to unauthorized or malicious users.

References: <https://www.comptia.org/certifications/security#examdetails> <https://www.comptia.org/content/guides/comptia-security-sy0-601-exam-objectives>
<https://www.techtarget.com/searchsecurity/definition/privilege-creep>

NEW QUESTION 297

- (Exam Topic 2)

Which of the following best describes the situation where a successfully onboarded employee who is using a fingerprint reader is denied access at the company's main gate?

- A. Crossover error rate
- B. False match rate
- C. False rejection
- D. False positive

Answer: C

Explanation:

False rejection Short

A false rejection occurs when a biometric system fails to recognize an authorized user and denies access. This can happen due to poor quality of the biometric sample, environmental factors, or system errors. References: <https://www.comptia.org/blog/what-is-biometrics>

NEW QUESTION 300

- (Exam Topic 2)

Which of the following threat actors is most likely to be motivated by ideology?

- A. Business competitor
- B. Hactivist
- C. Criminal syndicate
- D. Script kiddie
- E. Disgruntled employee

Answer: B

Explanation:

A hactivist is a threat actor who is most likely to be motivated by ideology. A hactivist is a person or group who uses hacking skills and techniques to promote a political or social cause. Hactivists may target government, corporate, or religious entities that they disagree with or oppose. Hactivists may use various methods to achieve their goals, such as defacing websites, leaking sensitive data, launching denial-of-service attacks, or spreading propaganda. Hactivists are not motivated by financial gain or personal benefit, but rather by their beliefs and values. References:

- > <https://www.uscybersecurity.net/hactivist/>
- > <https://www.fortinet.com/resources/cyberglossary/what-is-hacktivism>

NEW QUESTION 301

.....

Relate Links

100% Pass Your SY0-701 Exam with Exam Bible Prep Materials

<https://www.exambible.com/SY0-701-exam/>

Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - <https://www.exambible.com/>