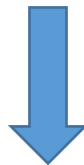


CompTIA CASP Certification CAS-003 Exam



- Vendor: CompTIA
- Exam Code: CAS-003
- Exam Name: CompTIA Advanced Security Practitioner (CASP)

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NEW QUESTION 1

A security administrator wants to allow external organizations to cryptographically validate the company's domain name in email messages sent by employees. Which of the following should the security administrator implement?

- A. SPF
- B. S/MIME
- C. TLS
- D. DKIM

Answer: D

NEW QUESTION 2

A team is at the beginning stages of designing a new enterprise-wide application. The new application will have a large database and require a capital investment in hardware. The Chief Information Officer (CIO) has directed the team to save money and reduce the reliance on the datacenter, and the vendor must specialize in hosting large databases in the cloud. Which of the following cloud-hosting options would BEST meet these needs?

- A. Multi-tenancy SaaS
- B. Hybrid IaaS
- C. Single-tenancy PaaS
- D. Community IaaS

Answer: C

NEW QUESTION 3

Drag and Drop

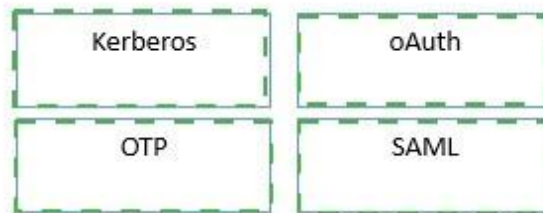
A security consultant is considering authentication options for a financial institution. The following authentication options are available security mechanism to the appropriate use case. Options may be used once.

Use case	Security mechanism
Where users are attached to the corporate network, single sign-on will be utilized	<input type="text"/>
Authentication to cloud-based corporate portals will feature single sign-on	<input type="text"/>
Any infrastructure portal will require time-based authentication	<input type="text"/>
Customers will have delegated access to multiple digital services	<input type="text"/>

Kerberos	oAuth
OTP	SAML

Answer:

Use case	Security mechanism
Where users are attached to the corporate network, single sign-on will be utilized	oAuth
Authentication to cloud-based corporate portals will feature single sign-on	SAML
Any infrastructure portal will require time-based authentication	OTP
Customers will have delegated access to multiple digital services	Kerberos



NEW QUESTION 4

Legal authorities notify a company that its network has been compromised for the second time in two years. The investigation shows the attackers were able to use the same vulnerability on different systems in both attacks. Which of the following would have allowed the security team to use historical information to protect against the second attack?

- A. Key risk indicators
- B. Lessons learned
- C. Recovery point objectives
- D. Tabletop exercise

Answer: A

NEW QUESTION 5

A newly hired systems administrator is trying to connect a new and fully updated, but very customized, Android device to access corporate resources. However, the MDM enrollment process continually fails. The administrator asks a security team member to look into the issue. Which of the following is the MOST likely reason the MDM is not allowing enrollment?

- A. The OS version is not compatible
- B. The OEM is prohibited
- C. The device does not support FDE
- D. The device is rooted

Answer: D

NEW QUESTION 6

A company is acquiring incident response and forensic assistance from a managed security service provider in the event of a data breach. The company has selected a partner and must now provide required documents to be reviewed and evaluated. Which of the following documents would BEST protect the company and ensure timely assistance? (Choose two.)

- A. RA
- B. BIA
- C. NDA
- D. RFI
- E. RFQ
- F. MSA

Answer: CF

NEW QUESTION 7

One of the objectives of a bank is to instill a security awareness culture. Which of the following are techniques that could help to achieve this? (Choose two.)

- A. Blue teaming
- B. Phishing simulations
- C. Lunch-and-learn
- D. Random audits
- E. Continuous monitoring
- F. Separation of duties

Answer: BE

NEW QUESTION 8

A systems administrator at a medical imaging company discovers protected health information (PHI) on a general purpose file server. Which of the following steps should the administrator take NEXT?

- A. Isolate all of the PHI on its own VLAN and keep it segregated at Layer 2
- B. Immediately encrypt all PHI with AES 256
- C. Delete all PHI from the network until the legal department is consulted
- D. Consult the legal department to determine legal requirements

Answer: B

NEW QUESTION 9

Two competing companies experienced similar attacks on their networks from various threat actors. To improve response times, the companies wish to share some threat intelligence about the sources and methods of attack. Which of the following business documents would be BEST to document this engagement?

- A. Business partnership agreement
- B. Memorandum of understanding
- C. Service-level agreement
- D. Interconnection security agreement

Answer: D

NEW QUESTION 10

An engineer maintains a corporate-owned mobility infrastructure, and the organization requires that

all web browsing using corporate-owned resources be monitored. Which of the following would allow the organization to meet its requirement? (Choose two.)

- A. Exempt mobile devices from the requirement, as this will lead to privacy violations
- B. Configure the devices to use an always-on IPsec VPN
- C. Configure all management traffic to be tunneled into the enterprise via TLS
- D. Implement a VDI solution and deploy supporting client apps to devices
- E. Restrict application permissions to establish only HTTPS connections outside of the enterprise boundary

Answer: BE

NEW QUESTION 11

Drag and Drop

Drag and drop the cloud deployment model to the associated use-case scenario. Options may be used only once or not at all.

Use-case scenario	Cloud deployment model
Large multinational organization wants to improve elasticity and resource usage of hardware that is housing on-premise critical internal services	<input type="text"/>
Collection of organizations in the same industry vertical developing services based on a common application stack	<input type="text"/>
Organization that has an orchestration but that integrates with a large on-premise footprint, subscribing to a small amount of external software services and starting to move workloads to a variety of other cloud models	<input type="text"/>
Marketing organization that outsources email delivery to An online provider	<input type="text"/>
Organization that has migrated their highly customized external websites into the cloud	<input type="text"/>

Community cloud with IaaS	Community cloud with PaaS	Community cloud with SaaS	Hybrid cloud
Private cloud with IaaS	Private cloud with PaaS	Private cloud with SaaS	Public cloud with IaaS
	Public cloud with PaaS	Public cloud with SaaS	

Answer:

Use-case scenario	Cloud deployment model
Large multinational organization wants to improve elasticity and resource usage of hardware that is housing on-premise critical internal services	Private cloud with IaaS
Collection of organizations in the same industry vertical developing services based on a common application stack	Community cloud with PaaS
Organization that has an orchestration but that integrates with a large on-premise footprint, subscribing to a small amount of external software services and starting to move workloads to a variety of other cloud models	Hybrid cloud
Marketing organization that outsources email delivery to An online provider	Public cloud with SaaS
Organization that has migrated their highly customized external websites into the cloud	Public cloud with PaaS

Community cloud with IaaS	Community cloud with PaaS	Community cloud with SaaS	Hybrid cloud
Private cloud with IaaS	Private cloud with PaaS	Private cloud with SaaS	Public cloud with IaaS
	Public cloud with PaaS	Public cloud with SaaS	

NEW QUESTION 12

A company has entered into a business agreement with a business partner for managed human resources services. The Chief Information Security Officer (CISO) has been asked to provide documentation that is required to set up a business-to-business VPN between the two organizations. Which of the following is required in this scenario?

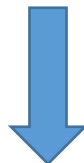
- A. ISA
- B. BIA
- C. SLA
- D. RA

Answer: C

NEW QUESTION 13

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