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QUESTION 1

During the migration of a company's human resources application to a PaaS provider, the Chief Privacy Officer (CPO) expresses concern the vendor's staff may be able to access data within the migrating applications. The application stack

includes a multitier architecture and uses commercially available, vendor-supported software packages.

Which of the following BEST addresses the CPO's concerns?

- A. Execute non-disclosure agreements and background checks on vendor staff.
- B. Ensure the platform vendor implement data-at-rest encryption on its storage.
- C. Enable MFA to the vendor's tier of the architecture.
- D. Implement a CASB that tokenizes company data in transit to the migrated applications.

Correct Answer: A

QUESTION 2

A critical system audit shows that the payroll system is not meeting security policy due to missing OS security patches. Upon further review, it appears that the system is not being patched at all. The vendor states that the system is only supported on the current OS patch level. Which of the following compensating controls should be used to mitigate the vulnerability of missing OS patches on this system?

- A. Isolate the system on a secure network to limit its contact with other systems
- B. Implement an application layer firewall to protect the payroll system interface
- C. Monitor the system's security log for unauthorized access to the payroll application
- D. Perform reconciliation of all payroll transactions on a daily basis

Correct Answer: A

The payroll system is not meeting security policy due to missing OS security patches. We cannot apply the patches to the system because the vendor states that the system is only supported on the current OS patch level. Therefore, we need another way of securing the system.

We can improve the security of the system and the other systems on the network by isolating the payroll system on a secure network to limit its contact with other systems. This will reduce the likelihood of a malicious user accessing the payroll system and limit any damage to other systems if the payroll system is attacked.

QUESTION 3

A vendor develops a mobile application for global customers. The mobile application supports advanced encryption of data between the source (the mobile device) and the destination (the organization's ERP system).

As part of the vendor's compliance program, which of the following would be important to take into account?

- A. Mobile tokenization
- B. Export controls
- C. Device containerization
- D. Privacy policies

Correct Answer: D

QUESTION 4

The Chief Executive Officer (CEO) of a large prestigious enterprise has decided to reduce business costs by outsourcing to a third party company in another country. Functions to be outsourced include: business analysts, testing, software development and back office functions that deal with the processing of customer data. The Chief Risk Officer (CRO) is concerned about the outsourcing plans. Which of the following risks are MOST likely to occur if adequate controls are not implemented?

- A. Geographical regulation issues, loss of intellectual property and interoperability agreement issues
- B. Improper handling of client data, interoperability agreement issues and regulatory issues
- C. Cultural differences, increased cost of doing business and divestiture issues
- D. Improper handling of customer data, loss of intellectual property and reputation damage

Correct Answer: D

The risk of security violations or compromised intellectual property (IP) rights is inherently elevated when working internationally. A key concern with outsourcing arrangements is making sure that there is sufficient protection and security in place for personal information being transferred and/or accessed under an outsourcing agreement.

QUESTION 5

An information security officer is responsible for one secure network and one office network. Recent intelligence suggests there is an opportunity for attackers to gain access to the secure network due to similar login credentials across networks. To determine the users who should change their information, the information security officer uses a tool to scan a file with hashed values on both networks and receives the following data:

Corporate Network		Secure Network	
james.bond	asHU8\$1bg	jbond	asHU8\$1bg
tom.jones	wit4njyt%l	tom.jones	wit4njyt%l
dade.murphy	mUrpHTIME7	d.murph3	t%ow3BT9)n
herbie.hancock	hh2016!#	hhanco	hh2016!#2
suzy.smith	lLi*#HFadf	ssmith	lLI*#HFadf

Which of the following tools was used to gather this information from the hashed values in the file?

- A. Vulnerability scanner
- B. Fuzzer
- C. MD5 generator
- D. Password cracker
- E. Protocol analyzer

Correct Answer: C

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