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Exam Name: IT-as-a-Service Expert Exam for Cloud
Architects

Version: DEMO

QUESTION 1
A large enterprise has several applications deployed in a hybrid cloud. Ever since the hybrid cloud was deployed, the enterprise network operations center has never been able to fully reconcile network and audit logs. What should be investigated first as the possible source of the issue?

A. Confirm time is synchronized between locations
B. Filtering false positives
C. Exposing management APIs
D. Tenant in-control versus provider in-control differences

Answer: A

QUESTION 2
A company is deploying a major new business application. The company has difficulty managing the software development lifecycle. As a result, the time from generating requirements to operational delivery is significant. Which best addresses the company's need for shorter release cycles and better code quality?

A. Implement common collaboration tools
B. Utilize configuration management methodologies
C. Use of common automation and orchestration processes
D. Transition to a DevOps culture

Answer: D

QUESTION 3
The first phase of new ITaaS service introduces the offering to 10% of the engineering organization. The IT organization leverages the management tools used in their traditional data center processes to provide visibility into silos and control of the infrastructure. They also have adapted some ITSM concepts as a framework for their management practices. During the initial phase of the service deployment, a problem was encountered in one of the VMs. The IT organization is concerned about the extensive amount of time and resources spent determining the cause of the issue. What is the most likely reason it takes more time than expected to resolve the problem?

A. The legacy management tools do not have the capability to provide a holistic view of the service instance
B. The expertise of the service desk personnel is inadequate to properly handle service related issues.
C. The complex nature of orchestration and automation makes problem identification and root cause analysis unlikely.
D. The cultural hurdles that span organizational silos have not been addressed and resolved.

Answer: A

QUESTION 4
A manufacturing company hired you to help them in their journey to a hybrid cloud. You conduct an assessment and recommend migrating several existing Tier 2 applications to a public cloud provider. You must work within the following constraints: ?Migration can be performed only during weekends ?Only limited downtime is acceptable ?The configuration of the host and applications

cannot be changed ?The company needs to keep the costs as low as possible ?Although there are no specific performance requirements, they are concerned about the quality of the user experience Which solution best addresses these needs?

A. Layer 2 extension with VPN connection over Internet with WAN optimization
B. Layer 3 connection over Internet with QoS
C. Layer 3 connection over Internet with WAN optimization
D. Layer 2 extension with dedicated link and WAN optimization

Answer: A

QUESTION 5
The marketing line of business of an enterprise has deployed web services within a private cloud. They wish to provide additional web services elastically and distribute them around the globe using a public cloud provider. The web services have a loosely coupled design and have no content dependencies on any resources in the private cloud. They are created from a standard PaaS template, which includes an intrusion prevention system that periodically polls a central management server for security updates. The IPS management server is located within the private cloud. No layer 2 connectivity exists between the private and public clouds. The consumers of these web services are distributed across the globe. Which solution would you recommend to best support the web service elasticity and to minimize service network latency for the consumer?

A. Implement an encrypted VPN tunnel between the private and public clouds.
B. Implement a global load balancing service as a front-end for the web services.
C. Increase bandwidth between the private cloud and the Internet.
D. Deploy a central database server to consolidate web service content.

Answer: B

QUESTION 6
An enterprise decided to place some sensitive data in the public cloud and implemented security mechanisms to protect this data. Recently the public cloud provider's systems had a security breach. The enterprise was not concerned because they felt their data had been completely protected. All of the services housing the data are protected by an IPS application and no alerts were generated by the system. How did the enterprise protect its data?

A. All data in the public cloud environment was encrypted at-rest and in-transit. The encryption keys were under complete control of the enterprise and were not available to the public provider. The cloud provider's logs showed that the enterprise's services were copied.
B. All data in the public cloud environment was encrypted at-rest and in-transit. Copies of the encryption keys were secured by the public cloud provider in case they were lost. The cloud provider's logs showed that the enterprise's services were neither accessed nor copied.
C. All data in the public cloud environment was encrypted in-transit only. The encryption keys were under complete control of the enterprise and were not available to the public provider. The cloud provider's logs showed that the enterprise's services were copied.
D. All data in the public cloud environment was encrypted at-rest only. The encryption keys were under complete control of the enterprise and were not available to the public provider. The cloud provider's logs showed that the enterprise's services were copied.

Answer: A

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