

➤ **Vendor: CompTIA**

➤ **Exam Code: CLO-002**

➤ **Exam Name: CompTIA Cloud Essentials+ Exam**

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QUESTION 437

Due to local natural disaster concerns, a cloud customer is transferring all of its cold storage data to servers in a safer geographic region. Which of the following risk response techniques is the cloud customer employing?

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

Answer: A

QUESTION 438

An analyst is reviewing a report on a company's cloud resources expenditures. The analyst has noted that a data warehouse team uses a significant amount of high-speed storage for live databases and backups. Which of the following should the analyst recommend for improved cost and efficiency?

- A. Configure the live database for redundant clustering.
- B. Move the backups to slower storage.
- C. Configure geo-redundancy for backups.
- D. Move the backups to another availability zone.

Answer: B

QUESTION 439

Which of the following is the result of performing a physical-to-virtual migration of desktop workstations?

- A. SaaS
- B. IaaS
- C. VDI
- D. VPN

Answer: C

QUESTION 440

Which of the following concepts will help lower the attack surface after unauthorized user-level access?

- A. Hardening
- B. Validation
- C. Sanitization
- D. Audit

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Answer: A

QUESTION 441

Which of the following describes the contractually allowed downtime for a cloud-hosted application?

- A. SOW
- B. SLA
- C. SOP
- D. SOA

Answer: B

QUESTION 442

Which of the following is the BEST way to secure a web session to a hosted e-commerce website?

- A. SSL
- B. VPN
- C. Firewall
- D. DNS

Answer: A

QUESTION 443

The legal team is required to share legal proceedings with an outside council. The team uses SaaS fileshares. Which of the following policies will BEST state the requirements for sharing information with external parties?

- A. Information security policy
- B. Communication policy
- C. Resource management policy
- D. Identity control policy

Answer: A

QUESTION 444

A DevOps team wants to document the upgrade steps for its public database solution. The team needs a dedicated virtual environment separate from the production systems to replicate multiple installations. Which of the following BEST represents what the team needs?

- A. Containerization
- B. Cold storage
- C. Infrastructure as code
- D. Sandboxing

Answer: D

QUESTION 445

A company's data center contract will expire in a few months, and the Chief Information Officer needs to move rapidly to a cloud environment. Which of the following is the BEST migration approach?

- A. Lift and shift
- B. Phased
- C. Hybrid
- D. Rip and replace

Answer: A

QUESTION 446

Which of the following BEST represents a successful presentation to a customer of the working result of a new cloud feature?

- A. Benchmark
- B. Proof of concept
- C. Baseline
- D. Feasibility study

Answer: B

QUESTION 447

Which of the following risks is MOST likely a result of vendor lock-in?

- A. Premature obsolescence
- B. Data portability issues
- C. External breach
- D. Greater system vulnerability

Answer: B

QUESTION 448

A company is deploying a new application and must decide whether to build an infrastructure to host the application on premises or in the cloud. Which of the following BEST describes the financial impact of hosting the application in the cloud?

- A. The company's capital expense will be less.
- B. The company will be able to defer licensing costs.
- C. The provider will share responsibility for the company's monthly bill.
- D. Monthly operating costs will remain constant despite usage.

Answer: A

QUESTION 449

A large enterprise has the following invoicing breakdown of current cloud consumption spend:

Department	Cost	Server
Marketing	\$895 per month	Reserved AZ5
Accounting	\$422 per month	Spot AZ5
IT operations	\$485 per month	Spot AZ5

The level of resources consumed by each department is relatively similar. Which of the following is MOST likely affecting monthly costs?

- A. The servers in use by the marketing department are in an availability zone that is generally expensive.
- B. The servers in use by the accounting and IT operations departments are in different geographic zones with lower pricing.
- C. The accounting and IT operations departments are choosing to bid on non-committed resources.
- D. The marketing department likely stores large media files on its servers, leading to increased storage costs.

Answer: C

QUESTION 450

A software company that develops mobile applications is struggling with the complicated process of deploying the development, testing, QA, and staging environments. Which of the following cloud service models offers the BEST automated development environment for the software company?

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

Answer: C

QUESTION 451

A cloud administrator needs to ensure as much uptime as possible for an application. The application has two database servers. If both servers go down simultaneously, the application will go down. Which of the following must the administrator configure to ensure the CSP does not bring both servers down for maintenance at the same time?

- A. Backups
- B. Availability zones
- C. Autoscaling
- D. Replication

Answer: B

QUESTION 452

A company has decided to replicate cloud resources in several different geographic locations. Which of the following terms BEST describes this approach?

- A. Disaster recovery
- B. Deduplication
- C. Redundancy
- D. Data sovereignty

Answer: C

QUESTION 453

A company recently launched the first version of an application. Based on customer feedback, the company identified the features that need to be incorporated in the next release. Which of the following will help the company understand the extra effort required to meet the customer requirements?

- A. Statement of work
- B. Baseline
- C. Benchmark
- D. Gap analysis

Answer: D

QUESTION 454

A business analyst is writing a disaster recovery strategy. Which of the following should the analyst include in the document? (Choose three.)

- A. Capacity on demand
- B. Backups
- C. Resource tagging

- D. Replication
- E. Elasticity
- F. Automation
- G. Geo-redundancy
- H. Autoscaling

Answer: BDG

QUESTION 455

A company is considering moving its database application to a public cloud provider. The application is regulated and requires the data to meet confidentiality standards. Which of the following BEST addresses this requirement?

- A. Authorization
- B. Validation
- C. Encryption
- D. Sanitization

Answer: C

QUESTION 456

A systems administrator needs to transfer 300GB of data to the cloud every month. Given the information below:

Connection type	Connectivity costs	Transfer limits
VPN (100MB)	Free	\$5 per GB after 10GB
Direct Connect (500MB)	\$200 per month	Free up to 250GB; \$10 per GB after
Enhanced VPN (200MB)	Free	\$10 per GB after 10GB
Enhanced Direct Connect (1GB)	\$500 per month	Unlimited

Which of the following connection methods would be the MOST cost-effective and satisfy the monthly transfer requirements?

- A. VPN (100MB)
- B. Direct Connect (500MB)
- C. Enhanced VPN (200MB)
- D. Enhanced Direct Connect (1GB)

Answer: B

QUESTION 457

Which of the following aspects of cloud design enables a customer to continue doing business after a major data center incident?

- A. Replication
- B. Disaster recovery
- C. Scalability
- D. Autoscaling

Answer: B

QUESTION 458

Which of the following concepts is the backup and recovery of data considered?

- A. Risk avoidance
- B. Confidentiality
- C. Integrity
- D. Availability

Answer: D

QUESTION 459

An analyst is reviewing a report on a company's cloud resource usage. The analyst has noticed many of the cloud instances operate at a fraction of the full processing capacity. Which of the following actions should the analyst consider to lower costs and improve efficiency?

- A. Consolidating into fewer instances
- B. Using spot instances
- C. Right-sizing compute resource instances
- D. Negotiating better prices on the company's reserved instances

Answer: C

QUESTION 460

A small business wants to move its accounting operations to the cloud. Which of the following cloud service models would put the MOST liability on the provider with regard to shared responsibility?

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

Answer: D

QUESTION 461

A vendor wants to distribute a cloud management application in a format that can be used on both public and private clouds, but one that does not include an underlying OS that would require patching and management. Which of the following would BEST meet this need?

- A. Containerization
- B. Federation
- C. Collaboration
- D. Microservices

Answer: A

QUESTION 462

Which of the following is a limitation of the SaaS cloud model?

- A. Users cannot choose the global location where their data will be stored.
- B. It does not support integration with pre-existing identity engines.
- C. It does not scale to allow additional users.
- D. Users do not have full control over the software version and roadmap of the cloud solution.

Answer: D

QUESTION 463

A large database needs to be hosted in a cloud environment with little to no downtime while minimizing any loss of content. Which of the following will BEST facilitate these requirements?

- A. Automation
- B. Sandboxing
- C. Replication
- D. Orchestration

Answer: C

QUESTION 464

A cloud administrator patched a known vulnerability in an operating system. This is an example of risk:

- A. transference.
- B. avoidance.
- C. mitigation.
- D. acceptance.

Answer: C

QUESTION 465

Which of the following cloud characteristics BEST describes the ability to add resources upon request?

- A. Scalability
- B. Portability
- C. Integrity
- D. Availability

Answer: A

QUESTION 466

A company requires 24 hours' notice when a database is taken offline for planned maintenance. Which of the following policies provides the BEST guidance about notifying users?

- A. Communication policy
- B. Access control policy
- C. Information security policy
- D. Risk management policy

Answer: A

QUESTION 467

Resource consumption in a company's IaaS environment has been stable; however, a few servers have recently experienced spikes in CPU usage for days at a time. Costs are rising steadily, and it is unclear who owns the servers. Which of the following would work BEST to allow the company to charge the appropriate department? (Choose two.)

- A. Employ a software defined network.
- B. Employ orchestration automation.
- C. Review the storage usage reports.
- D. Review the network ingress reports.
- E. Employ resource tagging.
- F. Review the compute usage reports.

Answer: EF

QUESTION 468

The Chief Financial Officer for a company that operates a popular SaaS application has noticed compute costs from the CSP are extremely high but storage costs are relatively low. Which of the following does the company MOST likely operate?

- A. An email application
- B. A CDN service
- C. A gaming application
- D. Audio streaming service

Answer: C

QUESTION 469

A company is planning to integrate the processes of several applications and assign a manager to oversee the technical coordination to improve efficiency. Which of the following would be BEST for coordinating the processes?

- A. Orchestration
- B. Scripting
- C. Continuous integration
- D. Continuous delivery

Answer: A

QUESTION 470

A large online car retailer needs to leverage the public cloud to host photos that must be accessible from anywhere and available at anytime. Which of the following cloud storage types would be cost-effective and meet the requirements?

- A. Cold storage
- B. File storage
- C. Block storage
- D. Object storage

Answer: D

QUESTION 471

Which of the following policies dictates when to grant certain read/write permissions?

- A. Access control
- B. Communications
- C. Department-specific
- D. Security

Answer: A

QUESTION 472

Which of the following is used to connect on-premises resources to resources located in a cloud environment?

- A. Virtual private network
- B. Access control list
- C. Secure file transfer protocol
- D. Software-defined network

Answer: A

QUESTION 473

A Chief Information Officer is starting a cloud migration plan for the next three years of growth and requires an understanding of IT initiatives. Which of the following will assist in the assessment?

- A. Technical gap analysis
- B. Cloud architecture diagram review
- C. Current and future business requirements
- D. Feasibility study

Answer: C

QUESTION 474

Which of the following technologies allows a social media application to authenticate access to resources that are available in the cloud?

- A. Microservices
- B. LDAP
- C. Federation
- D. MFA

Answer: C

QUESTION 475

A business analyst at a large multinational organization has been tasked with checking to ensure an application adheres to GDPR rules. Which of the following topics would be BEST for the analyst to research?

- A. Data integrity
- B. Industry-based requirements
- C. ISO certification
- D. Regulatory concerns

Answer: D

QUESTION 476

Which of the following cloud computing characteristics is a facilitator of a company's organizational agility?

- A. Professional services
- B. Managed services
- C. Reduced time to market
- D. Licensing model

Answer: C