

DUMPS ARENA

CompTIA Cloud+ Certification Exam

CompTIA CV0-003

Version Demo

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QUESTION NO: 1

A system administrator has provisioned a new web server. Which of the following, in combination, form the best practice to secure the server's OS? (Choose three.)

- A. Install TLS certificates on the server.
- B. Forward port 80 traffic to port 443.
- C. Disable TLS 1.0/1.1 and SSL.
- D. Disable password authentication.
- E. Enable SSH key access only.
- F. Provision the server in a separate VPC.
- G. Disable the superuser/administrator account.
- H. Restrict access on port 22 to the IP address of the administrator's workstation.

ANSWER: A F G**Explanation:**

Reference: <https://phoenixnap.com/kb/server-security-tips>

QUESTION NO: 2

A cloud administrator has created a new asynchronous workflow to deploy VMs to the cloud in bulk. When the workflow is tested for a single VM, it completes successfully. However, if the workflow is used to create 50 VMs at once, the job fails. Which of the following is the MOST likely cause of the issue? (Choose two.)

- A. Incorrect permissions
- B. Insufficient storage
- C. Billing issues with the cloud provider
- D. No connectivity to the public cloud
- E. Expired API token
- F. Disabled autoscaling

ANSWER: A B**QUESTION NO: 3**

An organization will be deploying a web application in a public cloud with two web servers, two database servers, and a load balancer that is accessible over a single public IP.

Taking into account the gateway for this subnet and the potential to add two more web servers, which of the following will meet the minimum IP requirement?

- A. 192.168.1.0/26
- B. 192.168.1.0/27
- C. 192.168.1.0/28
- D. 192.168.1.0/29

ANSWER: B

QUESTION NO: 4

A systems administrator is performing upgrades to all the hypervisors in the environment. Which of the following components of the hypervisors should be upgraded? (Choose two.)

- A. The fabric interconnects
- B. The virtual appliances
- C. The firmware
- D. The virtual machines
- E. The baselines
- F. The operating system

ANSWER: C F

QUESTION NO: 5

A company has developed a cloud-ready application. Before deployment, an administrator needs to select a deployment technology that provides a high level of portability and is lightweight in terms of footprint and resource requirements.

Which of the following solutions will be BEST to help the administrator achieve the requirements?

- A. Containers
- B. Infrastructure as code
- C. Desktop virtualization

D. Virtual machines

ANSWER: A

QUESTION NO: 6

A company wants to implement business continuity, and the cloud solution architect needs to design the correct solution.

Which of the following will provide the data to measure business continuity? (Choose two.)

- A. A service-level agreement
- B. Automation scripts
- C. Playbooks
- D. A network diagram
- E. A backup and restore
- F. A recovery time objective

ANSWER: A F

QUESTION NO: 7

Which of the following will provide a systems administrator with the MOST information about potential attacks on a cloud IaaS instance?

- A. Network flows
- B. FIM
- C. Software firewall
- D. HIDS

ANSWER: A

QUESTION NO: 8

A systems administrator is analyzing a report of slow performance in a cloud application. This application is working behind a network load balancer with two VMs, and each VM has its own digital certificate configured. Currently, each VM is consuming 85% CPU on average. Due to cost restrictions, the administrator cannot scale vertically or horizontally in the environment. Which of the following actions should the administrator take to decrease the CPU utilization? (Choose two.)

- A. Configure the communication between the load balancer and the VMs to use a VPN.
- B. Move the digital certificate to the load balancer.
- C. Configure the communication between the load balancer and the VMs to use HTTP.
- D. Reissue digital certificates on the VMs.
- E. Configure the communication between the load balancer and the VMs to use HTTPS.
- F. Keep the digital certificates on the VMs.

ANSWER: B E

QUESTION NO: 9 - (SIMULATION)

CORRECT TEXT

The QA team is testing a newly implemented clinical trial management (CTM) SaaS application that uses a business intelligence application for reporting. The UAT users were instructed to use HTTP and HTTPS.

Refer to the application dataflow:

- 1A – The end user accesses the application through a web browser to enter and view clinical data.
- 2A – The CTM application server reads/writes data to/from the database server.
- 1B – The end user accesses the application through a web browser to run reports on clinical data.
- 2B – The CTM application server makes a SOAP call on a non-privileged port to the BI application server.
- 3B – The BI application server gets the data from the database server and presents it to the CTM application server.

When UAT users try to access the application using `https://ctm.app.com` or `http://ctm.app.com`, they get a message stating: "Browser cannot display the webpage."

The QA team has raised a ticket to troubleshoot the issue.

INSTRUCTIONS

You are a cloud engineer who is tasked with reviewing the firewall rules as well as virtual network settings.

You should ensure the firewall rules are allowing only the traffic based on the dataflow.

You have already verified the external DNS resolution and NAT are working.

Verify and appropriately configure the VLAN assignments and ACLs. Drag and drop the appropriate VLANs to each tier from the VLAN Tags table. Click on each Firewall to change

ACLs as needed.

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

Reset All button.



Internet CNAME = ctm.app.com = cerberus.app.com
A = cerberus.app.com = 64.23.71.93

Virtual Switch

Port Groups
VLAN 100 = NLB
VLAN 101 = CTM
VLAN 102 = BI
VLAN 103 = CA
VLAN 104 = DB
VLAN 105 = MGMT
VLAN 106 = WEB

VLAN Tags

VLAN 100
VLAN 101
VLAN 102
VLAN 103
VLAN 104
VLAN 105
VLAN 106

Firewall 2

Action	Source	Destination	Protocol	Port
ALLOW	192.168.1.51	192.168.2.15	TCP	88
DENY	192.168.1.52	0.0.0.0	TCP	80
ALLOW	0.0.0.0	127.0.0.1	UDP	88
DENY	127.0.0.1	64.23.71.93	ANY	443
ALLOW	64.23.71.93	192.168.1.51	ANY	1533
DENY	192.168.1.51	192.168.1.52	UDP	9400
DENY	192.168.1.52	192.168.2.15	ANY	ANY
DENY	192.168.2.15	192.168.2.24	TCP	443
DENY	192.168.2.24	192.168.3.24	ANY	ANY
DENY	192.168.3.24	192.168.4.125	ANY	ANY
DENY	192.168.4.125	0.0.0.0	ANY	ANY

Reset Answer Save Close

Database Server 192.168.4.125

VLAN 105

Internet CNAME = ctm.app.com = cerberus.app.com
A = cerberus.app.com = 64.23.71.93

Virtual Switch

Port Groups
VLAN 100 = NLB
VLAN 101 = CTM
VLAN 102 = BI
VLAN 103 = CA
VLAN 104 = DB
VLAN 105 = MGMT
VLAN 106 = WEB

VLAN Tags

VLAN 100
VLAN 101
VLAN 102
VLAN 103
VLAN 104
VLAN 105
VLAN 106

Firewall 3

Action	Source	Destination	Protocol	Port
DENY	0.0.0.0	0.0.0.0	ANY	ANY
ALLOW	192.168.2.15	192.168.3.24	TCP	9400
ALLOW	192.168.2.15	192.168.4.125	TCP	1533

Reset Answer Save Close

User

192.168.3.24

3B

Firewall 4

Database Server 192.168.4.125

VLAN 105



ANSWER: See Explanation Below For Answer

Explanation:

:

On firewall 3, change the DENY 0.0.0.0 entry to rule 3 not rule 1.

QUESTION NO: 10

In an IaaS platform, which of the following actions would a systems administrator take FIRST to identify the scope of an incident?

- A. Conduct a memory acquisition.
- B. Snapshot all volumes attached to an instance.
- C. Retrieve data from a backup.
- D. Perform a traffic capture.

ANSWER: D

QUESTION NO: 11

A cloud administrator is building a new VM for machine-learning training. The developer requesting the VM has stated that the machine will need a full GPU dedicated to it.

Which of the following configuration options would BEST meet this requirement?

- A. Virtual GPU
- B. External GPU
- C. Passthrough GPU
- D. Shared GPU

ANSWER: A

QUESTION NO: 12

Which of the following actions should a systems administrator perform during the containment phase of a security incident in the cloud?

- A. Deploy a new instance using a known-good base image.
- B. Configure a firewall rule to block the traffic on the affected instance.
- C. Perform a forensic analysis of the affected instance.
- D. Conduct a tabletop exercise involving developers and systems administrators.

ANSWER: B

QUESTION NO: 13

A company is preparing a hypervisor environment to implement a database cluster. One of the requirements is to share the disks between the nodes of the cluster to access the same LUN. Which of the following protocols should the company use? (Choose two.)

- A. CIFS
- B. FTP
- C. iSCSI
- D. RAID 10
- E. NFS
- F. FC

ANSWER: C D

Explanation:

Reference: <https://www.vembu.com/blog/shared-storage-cluster-shared-volumes-configuration/>

QUESTION NO: 14

Which of the following cloud services is fully managed?

- A. IaaS
- B. GPU in the cloud
- C. IoT
- D. Serverless compute
- E. SaaS

ANSWER: C

QUESTION NO: 15

A cloud administrator would like to deploy a cloud solution to its provider using automation techniques. Which of the following must be used? (Choose two.)

- A. Auto-scaling
- B. Tagging
- C. Playbook
- D. Templates
- E. Containers
- F. Serverless

ANSWER: B D