CV0-003 Q&As

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QUESTION 1

Given the metric below:

	Monday	Tuesday	Wednesday	Thursday	Friday
CPU utilization	20%	70%	40%	30%	20%
Disk latency	5ms	5ms	5ms	25ms	25ms
WAN latency	45ms	45ms	45ms	45ms	45ms
RAM utilization	20%	25%	30%	35%	45%

Using iSCSI storage reports across three datacenters, which of the following recorded metrics indicates an anomaly in the performance?

A. Disk latency

B. CPU utilization

C. WAN latency

D. RAM utilization

Correct Answer: D

QUESTION 2

A cloud administrator is switching hosting companies and using the same script that was previously used to deploy VMs in the new cloud. The script is returning errors that the command was not found. Which of the following is the MOST likely cause of the script failure?

A. Account mismatches

B. IP address changes

C. API version incompatibility

D. Server name changes

Correct Answer: C

QUESTION 3

A global web-hosting company is concerned about the availability of its platform during an upcoming event. Web traffic is forecasted to increase substantially during the next week. The site contains mainly static content. Which of the following solutions will assist with the increased workload?

A. DoH

B. WAF

C. IPS

D. CDN

Correct Answer: D

Reference: https://www.globaldots.com/content-delivery-network-explained

QUESTION 4

A systems administrator disabled TLS 1.0 and 1.1, as well as RC4, 3DES, and AES-128 ciphers for TLS 1.2, on a web server. A client now reports being unable to access the web server, but the administrator verifies that the server is online,

the web service is running, and other users can reach the server as well.

Which of the following should the administrator recommend the user do FIRST?

A. Disable antivirus/anti-malware software

B. Turn off the software firewall

C. Establish a VPN tunnel between the computer and the web server

D. Update the web browser to the latest version

Correct Answer: B

QUESTION 5

A systems administrator recently deployed a VDI solution in a cloud environment; however, users are now experiencing poor rendering performance when trying to display 3-D content on their virtual desktops, especially at peak times. Which of the following actions will MOST likely solve this issue?

A. Update the quest graphics drivers from the official repository

B. Add more vGPU licenses to the host

C. Instruct users to access virtual workstations only on the VLAN

D. Select vGPU profiles with higher video RAM

Correct Answer: D

Reference:

https://www.cisco.com/c/dam/en/us/solutions/collateral/data-center-virtualization/desktop- virtualization-solutions-vmware-horizon-view/whitepaper-c11-741606.pdf

QUESTION 6

A company recently experienced a power outage that lasted 30 minutes. During this time, a whole rack of servers was inaccessible, even though the servers did not lose power. Which of the following should be investigated FIRST?

A. Server power

B. Rack power

C. Switch power

D. SAN power

Correct Answer: C

QUESTION 7

A web server has been deployed in a public IaaS provider and has been assigned the public IP address of 72.135.10.100. Users are now reporting that when they browse to the website, they receive a message indicating the service is

unavailable. The cloud administrator logs into the server, runs a netstat command,

and notices the following relevant output:

```
TCP  17.3.130.3:0 72.135.10.100:5500 TIME_WAIT
TCP  17.3.130.3:0 72.135.10.100:5501 TIME_WAIT
TCP  17.3.130.3:0 72.135.10.100:5502 TIME_WAIT
TCP  17.3.130.3:0 72.135.10.100:5503 TIME_WAIT
TCP  17.3.130.3:0 72.135.10.100:5504 TIME_WAIT
```

Which of the following actions should the cloud administrator take to resolve the issue?

A. Assign a new IP address of 192.168.100.10 to the web server

B. Modify the firewall on 72.135.10.100 to allow only UDP

C. Configure the WAF to filter requests from 17.3.130.3

D. Update the gateway on the web server to use 72.135.10.1

Correct Answer: D

QUESTION 8

An administrator is implementing a private cloud that will be used as a test environment. To limit the number of guests per subnet to a maximum of 14, the administrator implemented a /20 network. Which of the following should the administrator use to assign the networks?

A. DHCP

B. Subnet

C. VLAN

D. Gateway

Correct Answer: A

QUESTION 9

A software company recently moved all of its development testing to a public cloud environment. The company primarily uses IaaS to deploy and test its code. The company needs the software developers to be more agile and efficient when testing application code. Which of the following backup types should the developers use to BEST ensure the speedy recovery of a system if it is damaged?

A. Snapshots

B. Full

C. Incremental

D. Differential

Correct Answer: C

QUESTION 10

A cloud architect wants to minimize the risk of having systems administrators in an IaaS compute instance perform application code changes. The development group should be the only group allowed to modify files in the directory. Which of the following will accomplish the desired objective?

A. Remove the file write permissions for the application service account.

B. Restrict the file write permissions to the development group only.

C. Add access to the fileshare for the systems administrator\\'s group.

D. Deny access to all development user accounts

Correct Answer: B

QUESTION 11

A software development manager is looking for a solution that will allow a team of developers to work in isolated environments that can be spun up and torn down quickly. Which of the following is the MOST appropriate solution?

A. Containers

B. File subscriptions

C. Ballooning

D. Software-defined storage

Correct Answer: A

QUESTION 12

Which of the following cloud services is fully managed?

A. IaaS

B. GPU in the cloud

C. IoT

D. Serverless compute

E. SaaS

Correct Answer: C

Reference: https://developers.google.com/iot

QUESTION 13

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

Correct Answer: A

Reference: https://blog.netapp.com/blogs/containers-vs-vms/

QUESTION 14

An organization is hosting a DNS domain with private and public IP ranges. Which of the following should be implemented to achieve ease of management?

A. Network peering

B. A CDN solution

C. A SDN solution

D. An IPAM solution

Correct Answer: D

Reference: https://www.infoblox.com/glossary/ipam-ip-address-management/

QUESTION 15

An organization purchased new servers with GPUs for render farms. The servers have limited CPU resources. Which of the following GPU configurations will be the MOST optimal for virtualizing this environment?

A. Dedicated

B. Shared

C. Passthrough

D. vGPU

Correct Answer: D