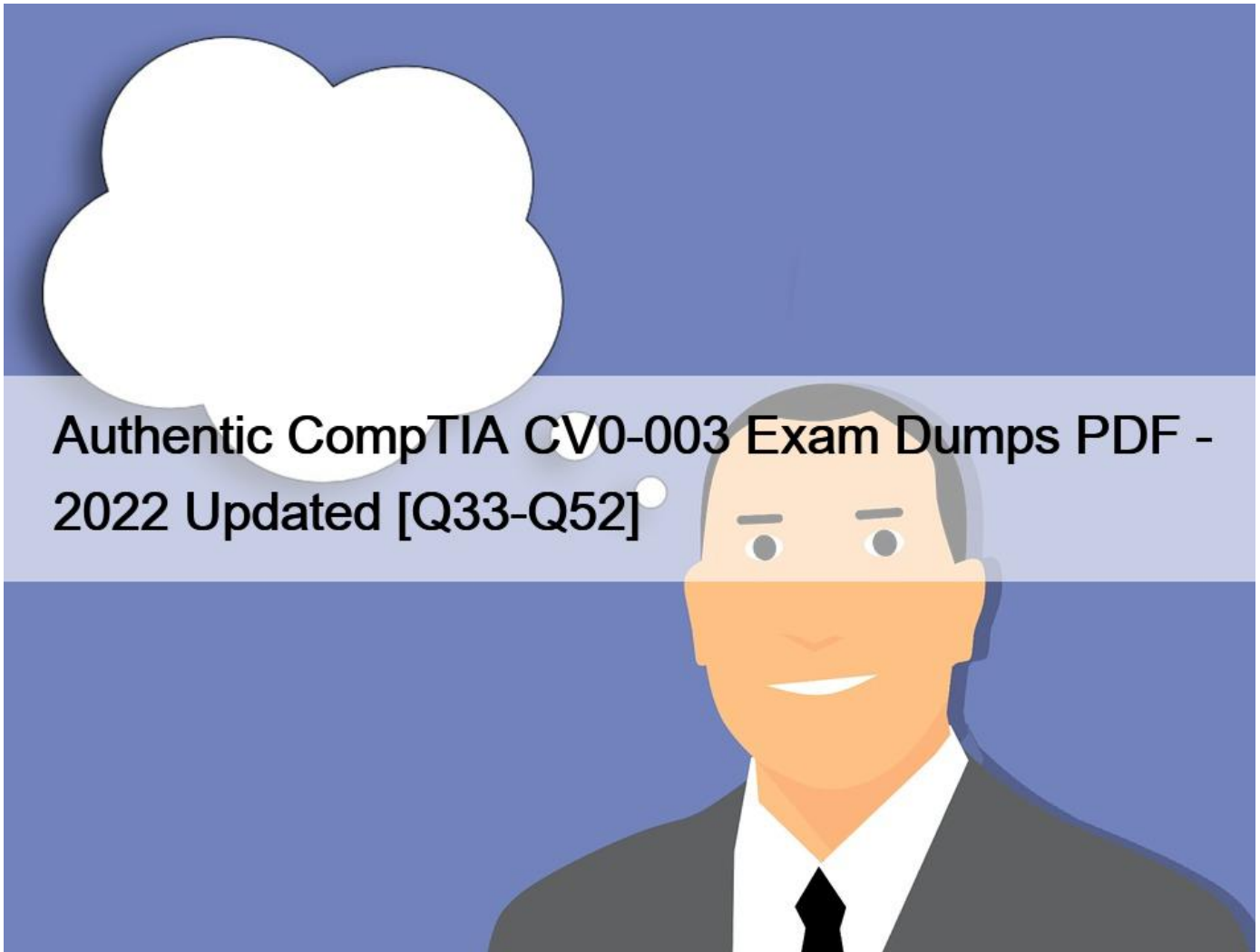


Authentic CompTIA CV0-003 Exam Dumps PDF - 2022 Updated [Q33-Q52]



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CompTIA Cloud+ Exam Certification Details:

Exam Price \$338 (USD) Sample Questions CompTIA Cloud+ Sample Questions Duration 90 mins Number of Questions 90 Exam Name CompTIA Cloud+

NO.33 A systems administrator is trying to establish an RDP session from a desktop to a server in the cloud. However, the connection appears to be refused even though the VM is responding to ICMP echo requests. Which of the following should the administrator check FIRST?

- * The firewall
- * The subnet

- * The gateway
- * The services

NO.34 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 = CTFM
- 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

Action	Source	Destination	Protocol	Port
ALLOW	0.0.0.0	192.168.1.51	TCP	443
ALLOW	0.0.0.0	192.168.1.52	TCP	443
ALLOW	0.0.0.0	192.168.1.51	TCP	80
ALLOW	0.0.0.0	192.168.1.52	TCP	80
DENY	0.0.0.0	0.0.0.0	ANY	ANY

Application Server 192.168.3.24

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 = CTFM
- VLAN 102 = BI
- VLAN 103 = CA
- VLAN 104 = DB
- VLAN 105 = MGMT
- VLAN 106 = WEB

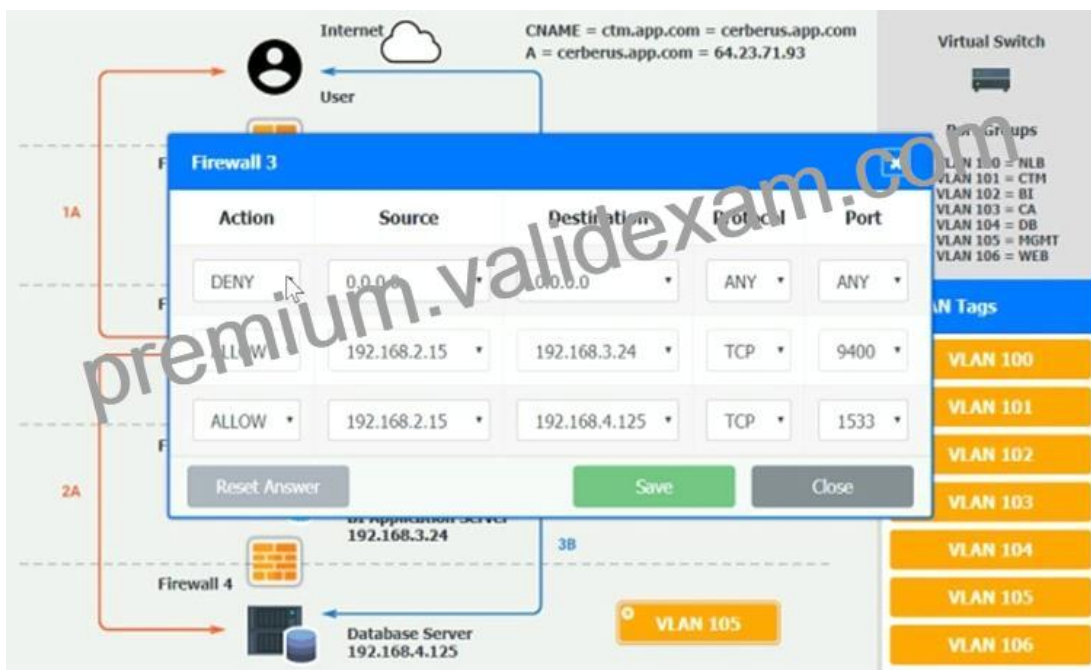
VLAN Tags

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

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

Database Server 192.168.4.125

VLAN 105



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

NO.35 A systems administrator needs to configure SSO authentication in a hybrid cloud environment.

Which of the following is the BEST technique to use?

- * Access controls
- * Federation
- * Multifactor authentication
- * Certificate authentication

Section: (none)

Explanation

NO.36 Which of the following cloud deployment models allows a company to have full control over its IT infrastructure?

- * Private
- * Cloud within a cloud
- * Hybrid
- * Public

NO.37 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?

- * Virtual GPU
- * External GPU
- * Passthrough GPU
- * Shared GPU

NO.38 An SQL injection vulnerability was reported on a web application, and the cloud platform team needs to mitigate the vulnerability while it is corrected by the development team.

Which of the following controls will BEST mitigate the risk of exploitation?

- * DLP
- * HIDS
- * NAC
- * WAF

NO.39 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?

- * Update the quest graphics drivers from the official repository
- * Add more vGPU licenses to the host
- * Instruct users to access virtual workstations only on the VLAN
- * Select vGPU profiles with higher video RAM

NO.40 A systems administrator is building a new virtualization cluster. The cluster consists of five virtual hosts, which each have flash and spinning disks. This storage is shared among all the virtual hosts, where a virtual machine running on one host may store data on another host.

This is an example of:

- * a storage area network
- * a network file system
- * hyperconverged storage
- * thick-provisioned disks

NO.41 A systems administrator is troubleshooting performance issues with a Windows VDI environment. Users have reported that VDI performance is very slow at the start of the work day, but the performance is fine during the rest of the day.

Which of the following is the MOST likely cause of the issue?

- * Disk I/O limits
- * Affinity rule
- * CPU oversubscription
- * RAM usage

NO.42 After analyzing a web server's logs, a systems administrator sees that users are connecting to the company's application through HTTP instead of HTTPS. The administrator then configures a redirect from HTTP to HTTPS on the web server, and the application responds with a connection time-out message.

Which of the following should the administrator verify NEXT?

- * The TLS certificate
- * The firewall rules
- * The concurrent connection limit
- * The folder permissions

NO.43 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?

- * Assign a new IP address of 192.168.100.10 to the web server
- * Modify the firewall on 72.135.10.100 to allow only UDP
- * Configure the WAF to filter requests from 17.3.130.3
- * Update the gateway on the web server to use 72.135.10.1

NO.44 A cloud administrator has finished setting up an application that will use RDP to connect. During testing, users experience a connection timeout error.

Which of the following will MOST likely solve the issue?

- * Checking user passwords
- * Configuring QoS rules
- * Enforcing TLS authentication
- * Opening TCP port 3389

Reference:

<https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/troubleshoot/rdp-error-general-troubleshooting>

NO.45 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?

- * Disable antivirus/anti-malware software
- * Turn off the software firewall
- * Establish a VPN tunnel between the computer and the web server
- * Update the web browser to the latest version

NO.46 An OS administrator is reporting slow storage throughput on a few VMs in a private IaaS cloud. Performance graphs on the host show no increase in CPU or memory. However, performance graphs on the storage show a decrease of throughput in both IOPS and MBps but not much increase in latency. There is no increase in workload, and latency is stable on the NFS storage arrays that are used by those VMs.

Which of the following should be verified NEXT?

- * Application
- * SAN
- * VM GPU settings
- * Network

NO.47 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?

- * DoH
- * WAF
- * IPS
- * CDN

Reference:

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

NO.48 A systems administrator is deploying a GPU-accelerated VDI solution. Upon requests from several users, the administrator installs an older version of the OS on their virtual workstations. The majority of the VMs run the latest LTS version of the OS.

Which of the following types of drivers will MOST likely ensure compatibility will all virtual workstations?

- * Alternative community drivers
- * Legacy drivers
- * The latest drivers from the vendor's website
- * The drivers from the OS repository

NO.49 A systems administrator in a large enterprise needs to alter the configuration of one of the finance department's database servers.

Which of the following should the administrator perform FIRST?

- * Capacity planning
- * Change management
- * Backups
- * Patching

NO.50 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?

- * Dedicated
- * Shared
- * Passthrough
- * vGPU

NO.51 A cloud architect is designing the VPCs for a new hybrid cloud deployment. The business requires the following:

High availability

Horizontal auto-scaling

60 nodes peak capacity per region

Five reserved network IP addresses per subnet

/24 range

Which of the following would BEST meet the above requirements?

- * Create two /25 subnets in different regions
- * Create three /25 subnets in different regions
- * Create two /26 subnets in different regions
- * Create three /26 subnets in different regions
- * Create two /27 subnets in different regions
- * Create three /27 subnets in different regions

NO.52 A systems administrator needs to convert ten physical servers to virtual.

Which of the following would be the MOST efficient conversion method for the administrator to use?

- * Rebuild the servers from scratch
- * Use the vendor's conversion tool
- * Clone the hard drive
- * Restore from backup

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