CompTIA

Exam Questions CV0-002

CompTIA Cloud+ Exam

NEW QUESTION 1
A new browser version has been deployed to all users at a company. After the deployment, users report that they can no longer access the company's secure time-card system, which is hosted by a SaaS provider. A technician investigates and discovers a security error is received upon opening the site. If the browser is rolled back to the older version, the site is accessible again. Which of the following is the MOST likely cause of the security error users are seeing?

A. SSL certificate expiration on the SaaS load balancers
B. Federation issues between the SaaS provider and the company
C. Obsolete security technologies implemented on the SaaS servers
D. Unencrypted communications between the users and the application

Answer: C

NEW QUESTION 2
A company has deployed a four-node cluster in a COLO environment with server configurations listed below. The company wants to ensure there is 50% overhead for failover and redundancy. There are currently eight VMs running within the cluster with four vCPUs x32GB each. The company wants to better utilize its resources within the cluster without compromising failover and redundancy.

White Label Servers	Configuration (CPU x Memory GB)
Server 1	16x128
Server 2	16x128
Server 3	16x128
Server 4	16x128

Given the information above, which of the following should a cloud administrator do to BEST accommodate failover and redundancy requirements?

A. Ensure hyperthreading is being utilized with physical server CPUs.
B. Ensure dynamic resource allocation is being utilized.
C. Overcommit memory, and the systems will allocate resources as required.
D. Set hard limits for VM resources and turn on hyperthreading.

Answer: B

NEW QUESTION 3
A courier company has virtualized its packing software application. The CSA needs to confirm the
deployment is utilizing the correct amount of CPU per virtual instance. After confirming the deployment requirements, the CSA should log into the cloud services portal to ensure that:

A. the VMs with the most CPU cores available have been selected.
B. smaller VMs are being selected to reduce the total deployment cost.
C. the deployment is utilizing the recommended amount of CPUs per VM.
D. the alarms on CPU utilization have been enabled.

Answer: C

NEW QUESTION 4
Due to a competitor's unlimited data plan, a service provider is struggling and wants to transform its business services to be more hosting oriented. A cloud architect is tasked to review current cloud resource capacity and provide recommendations and a plan for better resource utilization. Given the following report:

Name	Type	Utilization
Server1	Media	25%
Server2	Media	15%
Server3	Media	12%
Server4	Host	72%

Which of the following is the BEST option for the architect to suggest?

A. Downsize by migrating all media services to one server and decommission two servers.
B. Downsize by decommissioning servers 2 and 3 and reallocate media servers to hosts.
C. Downsize by migrating all media services to one server, add one host server, and decommission done server.
D. Upsize the hosting services by turning server 1 into a host server.

Answer: A

NEW QUESTION 5
A cloud architect created a new delivery controller for a large VM farm to scale up according to organizational needs. The old and new delivery controllers now form a cluster. However, the new delivery controller returns an error when entering the license code. Which of the following is the MOST likely cause?

A. A firewall is blocking the port on the license server.
B. The existing license is for a lower version.
C. The existing license is not supported for clusters.

D. The existing license has expired.

Answer: A

NEW QUESTION 6
A multinational corporation needs to migrate servers, which are supporting a national defense
project, to a new datacenter. The data in question is approximately 20GB in size. The engineer on the project is considering datacenters in several countries as possible destinations. All sites in consideration are on a high-speed MPLS network (10Gb+ connections). Which of the following environmental constraints is MOST likely to rule out a possible site as an option?

A. Downtime impact
B. Legal restrictions
C. Peak time frames
D. Bandwidth

Answer: B

NEW QUESTION 7
A cloud administrator is provisioning five VMs, each with a minimum of 8GB of RAM and a varying
load throughout the day. The hypervisor has only 32GB of RAM. Which of the following features should the administrator use?

A. Memory overcommitment
B. Thin-provisioned model
C. Process scheduling
D. Hyperthreading

Answer: C

NEW QUESTION 8
Several SaaS providers support identity federation for authentication. Which of the following would BEST assist in enabling federation?

A. SAML
B. NTLM
C. MFA
D. PKI

Answer: A

NEW QUESTION 9
A company is interested in a DRP. The purpose of the plan is to recover business as soon as possible.
The MOST effective technique is:

A. archiving.
B. network clustering.
C. site mirroring.
D. active/active.

Answer: D

NEW QUESTION 10
A cloud administrator notices one of the servers is using the wrong set of NTP servers. The administrator needs to avoid the same issue in the future but needs to minimize administration resources. Which of the following tools should a cloud administrator deploy to meet this requirement?

A. Patching tools
B. Monitoring tools
C. Configuration tools
D. Deployment tools

Answer: D

NEW QUESTION 10
The legal department requires eDiscovery of hosted file shares. To set up access, which of the
following is the BEST method to ensure the eDiscovery analyst only has the ability to search but not change configuration or settings?

A. PKI
B. SSO
C. MFA
D. RBAC

Answer: D

NEW QUESTION 15
A file server is being migrated from physical hardware into a private cloud. Baselining of the server
shows the disks average 90% full at all times. The contents of the file server consist mostly of compressed audio files. Multiple copies of the same files are often saved in different locations on the same disk. Which of the following storage technologies is MOST likely to help minimize storage utilization when moving this

server to the private cloud?

A. Compression
B. Thin provisioning
C. Deduplication
D. Tokenization

Answer: C

NEW QUESTION 16

A cloud implementation engineer successfully created a new VM. However, the engineer notices the new VM is not accessible from another network. A ping test works from another VM on the same subnet. Which of the following is the MOST likely problem?

A. Incorrect subnet
B. Incorrect host IP address
C. Incorrect VLAN
D. Incorrect gateway

Answer: A

NEW QUESTION 20

A critical new security update has been released to fix an identified zero-day vulnerability with the SSH server process. Due to its severity, all development and staging servers must have this update applied immediately. Which of the following is the FASTEST way for the administrator to apply the patch and ensure all systems are configured consistently?

A. Shut down all servers and use the server provisioning tools to deploy new ones that have the latest patch applied.
B. Create a master inventory list of servers that must be patche
C. Log in to each server and deploy the patch, making sure to check off each server on the list.
D. Use the existing tooling to clone the existing server
E. Update each clone with the latest patch and shut down the original system.
F. Update the set of configuration management scripts to include the latest patc
G. Execute these scripts against a master inventory of servers.

Answer: D

NEW QUESTION 21

A company wants to take advantage of cloud benefits while retaining control of and maintaining
compliance with all its security policy obligations. Based on the non-functional requirements, which of the following should the company use?

A. Hybrid cloud, as use is restricted to trusted customers
B. IaaS, as the cloud provider has a minimal level of security responsibility
C. PaaS, as the cloud customer has the most security responsibility
D. SaaS, as the cloud provider has less security responsibility

Answer: B

NEW QUESTION 22

A cloud administrator has deployed a new all-flash storage array with deduplication and compression
enabled, and moved some of the VMs into it. The goal was to achieve 4:1 storage efficiency while maintaining sub-millisecond latency. Which of the following results would BEST suit the requirements?

A. Compression 1:1Deduplication 4:1Overall savings 4:1Average latency 1.0ms
B. Compression 1.5:1Deduplication 1.8:1Overall savings 2.2:1Average latency 600us
C. Compression 1.3:1Deduplication 3.1:1Overall savings 4.3:1Average latency 900us
D. Compression 1.8:1Deduplication 2.7:1Overall savings 4.2:1Average latency 1.2ms

Answer: D

NEW QUESTION 26

A newly established CSP allows for drive shipping to upload new data into the environment. Sensitive
data on 40TB of storage needs to be transferred within one week. Which of the following is the MOST efficient and secure method for shipment of the data to the CSP with minimal downtime?

A. Create a VPN between the sites and schedule data transfer during non-business hours.
B. Copy the data to encrypted drives and use the CSP-certified shipping provider.
C. Compress and SFTP the data to the CSP.
D. Move the data to encrypted drives and use the CSP-certified shipping provider.

Answer: D

NEW QUESTION 28

A company's security policy requires full disk encryption on all clients with preboot enabled. The encryption server is hosted, and the requirement is to push an update to all endpoints. Which of the following is the BEST method to test and apply the update with minimal disruption to end users?

A. Access the API of the encryption server, develop a custom script, and then update all endpoints.
B. Access the web UI portal of the encryption server, apply the update to the test group, validate, and then update all endpoints.
C. Add the update to the standard desktop configuration image, apply the update to a test VM, and then reimage clients.

D. Access the web UI of the encryption server and disable preboot, apply the update, test, and then deploy the update to all endpoints.

Answer: B

NEW QUESTION 32
A cloud architect is tasked with isolating traffic between subnets in an IaaS platform. The networks
should be able to statefully communicate with each other. Given this scenario, which of the following should the architect implement?

A. Configure security groups.
B. Configure HIPS policies.
C. Configure IDS policies.
D. Configure a network ACL.

Answer: A

NEW QUESTION 36
A cloud administrator is provisioning several user accounts that have administrator rights to assets using JSON within an IaaS cloud platform. The administrator is
required to configure "alternate" settings using the API. Given this scenario, which of the following elements would allow the administrator to meet these
requirements in the JSON file?

A. Statement
B. Effect
C. Resource
D. Condition

Answer: A

NEW QUESTION 38
The CSA needs to install a patch on 58 virtual server instances during the Friday evening maintenance
window. Which of the following is the MOST efficient way to get the patches installed?

A. Use the patch management tool to automate and orchestrate the patch installation.
B. Use a security vulnerability scanning tool to apply the patch automatically.
C. Schedule the patch to install from a remote file server upon server reboot.
D. Connect the server instances to the Internet to download the patch automatically.

Answer: A

NEW QUESTION 42
A system's application servers need to be patched. The requirements for maintenance work are as follows:
System downtime is not allowed.
The application server in use must be in the sane patch status. System performance must be maintained during patching work.
Testing after patching must be done before the application server is in use. If any trouble occurs, recover the previous version in ten minutes.
Which of the following methodologies should be selected?

A. Rolling update
B. Patching directly
C. Blue-green deployment
D. Three staging environments

Answer: D

NEW QUESTION 45
A software development company is building cloud-ready applications and needs to determine the
best approach for releasing software. Which of the following approaches should be used?

A. Perform QA, develop, test, and release to production
B. Test, perform QA, develop, and release to production
C. Develop, perform QA, test, and release to production
D. Develop, test, perform QA, and release to production

Answer: D

NEW QUESTION 50
A business is demanding faster IT services turnaround from its IT groups. The current lead time
between request and delivery is three weeks for a task that would take a competitor two days. An architect is asked to develop a solution to reduce the lead time of
the request while ensuring adherence to the company policies. Which of the following is the BEST approach to achieve the stated objective?

A. Document the desired state, complete a root cause analysis, and execute the flow.
B. Revise the schedule, implement a waterfall methodology, and flatten the network.
C. Identify deficiencies, optimize change management, and automate the workflow.
D. Follow the company policies, execute the flow, and document results.

Answer: A

NEW QUESTION 54

The InfoSec team has directed compliance database activity monitoring without agents on a hosted
database server in the public IaaS. Which of the following configurations is needed to ensure this requirement is achieved?

A. Configure the agent configuration file to log to the syslog server.
B. Configure sniffing mode on database traffic.
C. Implement built-in database tracking functionality.
D. Implement database encryption and secure copy to the NAS.

Answer: B

NEW QUESTION 56
A cloud administrator is integrating account logins with Facebook, LinkedIn, and Twitter for marketing and to increase market presence using social media
platforms. Given this scenario, which of the following components are needed to match these requirements? (Select TWO).

A. SOAP
B. SAML assertion
C. Security token
D. Identity provider
E. Session state

Answer: ABE

NEW QUESTION 61
A company uses its own private cloud, which has few available resources. Mission-critical systems
and other information systems are running on it. A new system will be deployed on the private cloud. The following tests are included in the test plan:
Load test (2h) Backup/restore test (6h) Functional test (8h) Failover test (1h)
The work schedule of the existing system is shown below.

	System open	System close	Batch job
ERP (mission critical)	9:00	22:00	22:00-00:00
Groupware	24h active		no batch
Internal web	24h active		06:00-08:00
Official website	24h active		00:00-00:30

To minimize the effect to the existing system, which of the following schedules is MOST suitable for the load test?

A. 02:00-04:00
B. 09:00-12:00
C. 18:00-20:00
D. 22:00-00:00

Answer: C

NEW QUESTION 66
A cloud administrator is tasked with ensuring redundancy and high availability of an IaaS cloud platform environment. The administrator is given the following
requirements:
Two web servers must share the same configurations and service client connections evenly. Two database servers must share data and configurations, with only
one being used at a time.
Given the above, which of the following should the administrator propose to BEST meet these requirements? (Select TWO).

A. The web server should be configured with a round-robin DNS with a CNAME record.
B. The web server should be configured with a load balancer with a virtual IP address.
C. The database server should be configured as an active-active cluster.
D. The database server should be configured as an active-passive cluster.
E. The availability aspect of the request does not currently exist in the IaaS cloud platform.
F. The redundancy aspect of the request does not currently exist in the IaaS cloud platform.

Answer: AD

NEW QUESTION 71
A public cloud provider recently updated one of its services to provide a new type of application load balancer. The cloud administrator is tasked with building out a
proof-of-concept using this new service type. The administrator sets out to update the scripts and notices the cloud provider does not list the load balancer as an
available option type for deploying this service. Which of the following is the MOST likely reason?

A. The administrator can deploy the new load balancer via the cloud provider's web console.
B. The administrator needs to update the version of the CLI tool.
C. The administrator needs to write a new script function to call this service.
D. The administrator is not using the correct cloud provider account.

Answer: B

NEW QUESTION 74
A customer wants to schedule a backup job that compares and saves changes from the last full
backup. Which of the following backup types should be used?

A. Differential
B. Full
C. Clone
D. Incremental

Answer: A

Explanation: Reference:
http://www.backup4all.com/kb/backup-types-115.html

NEW QUESTION 76
A cloud administrator reports a problem with the maximum number of users reached in one of the
pools. There are ten VMs in the pool, each with a software capacity to handle ten users. Based on the dashboard metrics, 15% of the incoming new service requests are failing. Which of the following is the BEST approach to resolve the issue?

A. Check compute, storage, and networking utilization in the dashboard and increase capacity by adding more resources.
B. Check current licensed capacity and purchase additional licenses to add more users.
C. Check the DHCP scope and increase the number of available IP addresses by extending the pool.
D. Check the rate-of-load increase to determine if the cloud capacity boundary has been exceeded and enable bursting to the pubic cloud.

Answer: A

NEW QUESTION 81
A consultant is helping a large company migrate its development environment to a public cloud
provider. The developers are working on a VDI solution. The development tools that employees utilize require greater control of the OS environment. Which of the following cloud types should the consultant implement?

A. SaaS
B. PaaS
C. Bare metal service
D. IaaS

Answer: D

NEW QUESTION 82
A company changed its policy to have seven-year data retention in the public cloud. Which of the
following would be the MOST cost-effective way to meet retention requirements?

A. Site mirroring
B. Automated archiving
C. Replication
D. Third-party sites

Answer: B

NEW QUESTION 85
During peak times, users are unable to access their online wealth management applications in a timely fashion. The online banking application resides in a
community cloud environment. Which of the following explains how the cloud systems administrator should start to resolve this issue?

A. Access the cloud services portal and ensure memory ballooning is enabled.
B. Access the cloud services portal and ensure there is adequate disk space available.
C. Access the cloud services portal and ensure all users are accessing it through the same web service.
D. Access the cloud services portal and ensure the ACLs are set correctly for the user community.

Answer: A

NEW QUESTION 88
A large finance firm processes three times as many transactions in December of each year. The transactions are processed in a private cloud. Management wants
to avoid adding permanent resources to accommodate the single month increase. Which of the following is the BEST way to meet the need?

A. Migrate all transaction processing to a public cloud and size capacity for the largest seasonal needs.
B. Keep current capacity for processing, but implement cloud bursting to auto scale the resources without having to invest in infrastructure.
C. Determine usage patterns over time and virtualize the processing traffic to give room for seasonal changes in resource demand.
D. Determine usage patterns for the seasonal capacity needs and add physical resources to allow additional processing.

Answer: B

NEW QUESTION 89
A cloud engineer notices on a dashboard that the host is close to reaching maximum capacity for the CPU and memory in the cloud environment, which could
cause performance issues. The cloud environment has 100 servers, with 25% of the servers consuming their compute only during peak business hours, 25%
consuming half of the allocated resources, and the remaining 50% using the compute during off hours. Which of the following should the engineer perform to
optimize the efficiency of the compute usage in the cloud?

A. Add additional CPUs and RAM to the host that is serving the cloud.
B. Adjust the cloud workload by migrating resource-intensive applications to different hosts.
C. Add additional hosts to the environment using the cloud management tool.

D. Enable automatic scaling in the cloud management tool.

Answer: B

NEW QUESTION 90
A new private cloud platform is being deployed by an engineer. SLA requirements state that any
clusters should have a baseline redundancy sufficient to handle the failure of at least two hosts. The engineer records the following metrics after the deployment:

	CPU Utilization	RAM Utilization	NIC Utilization	Disk Utilization
Host 1	90%	10%	90%	50%
Host 2	50%	10%	30%	50%
Host 3	65%	90%	35%	50%
Host 4	65%	90%	25%	50%
Host 5	65%	85%	30%	50%

Which of the following metrics is MOST likely to represent a violation of SLA?

A. RAM utilization
B. NIC utilization
C. CPU utilization
D. Disk utilization

Answer: D

NEW QUESTION 91
Email users report that it takes more than one minute to open emails, including those without attachments. There are three email instances in three different
regions hosted by the same CSP. Other applications hosted by the same CSP have no reported issues. Which of the following solutions BEST resolves the issue?

A. Confirm that the email instances have sufficient bandwidth.
B. Install monitoring software on the email instances.
C. Check the antivirus software settings and disable real-time message scanning.
D. Ensure the requested IOPS are being provided to the email instances.

Answer: C

NEW QUESTION 95
A hospital is deploying a web-based application in its private cloud to service multiple facilities in a
region. This application is used by employees of the hospital, as well as the patients and their families. Which of the following security configurations is MOST
likely to be deployed to secure the information from the application?

A. IPSec
B. PPTP
C. L2TP
D. SSL/TLS

Answer: D

NEW QUESTION 96
A cloud-based web store is experiencing poor website performance and unavailability. Which of the following approaches would prevent the issue without
administrator intervention?

A. Install and deploy a load balancer in the front of the web server.
B. Increase the computing resources to the web server.
C. Increase the network's bandwidth to handle the spike.
D. Partner with a cloud provider to scale the required resources as needed.

Answer: A

NEW QUESTION 100
A technician is configuring a new web application to be highly available. The technician has configured multiple web servers in different availability zones at a
public cloud provider. The application requires users to be directed to the same server each time they visit. Which of the following network components is MOST
likely to accomplish this?

A. Network firewall
B. Intrusion prevention system
C. Global load balancer
D. Virtual private network

Answer: D

NEW QUESTION 102
Which of the following would be appropriate when considering inbound access security for a web-
based SaaS solution?

A. Antivirus/anti-malware
B. IPSec
C. Firewall

D. Obfuscation

Answer: B

NEW QUESTION 104
A cloud administrator is configuring a bastion host. The bastion host will be used to administer systems in the cloud remotely from the administrator's on-premises desktop. The administrator is given the following requirements:
Ensure port 22 is open on the host and only allow the public IP of the on-premises router/firewall. Ensure port 3389 is open on the host and only allow the public IP of the on-premises router/firewall. Harden these services with PKI (where applicable).
Given this scenario, which of the following should the administrator utilize to BEST address these requirements? (Select THREE).

A. RDP protocol from the desktop to the bastion host
B. Telnet protocol from the desktop to the bastion host
C. SSH protocol from the desktop to the bastion host
D. MD5 and RC4 with a signed certificate
E. RSA and AES with a signed certificate
F. Blowfish and SHA-1 with a signed certificate
G. VNC protocol from the desktop to the bastion host

Answer: ACD

NEW QUESTION 109
After scheduled network maintenance, users report that an externally hosted web application is
particularly slow to load. Small items on the page load such as text documents and markup, but larger multimedia files do not load. Which of the following is the MOST likely cause of the reported issues?

A. Incorrect MTU in the network segment
B. Misconfiguration of QoS settings
C. Incorrect VLAN for the affected PCs
D. Excessive latency on the local LAN segment

Answer: B

NEW QUESTION 110
A cloud administrator for a state government agency is tasked with giving access to the voter
registration application to a government agency in another state. Only authorized officials from each state should access the application. These agencies have a common environment where applications have been deployed in the past. Which of the following should the cloud administrator do to give access to the application?

A. Deploy part of the application into a public cloud and establish secure connections to a privatecloud environment.
B. Deploy the application to a community cloud that is shared with multiple state government agencies only.
C. Deploy the application to a public cloud and implement ACLs and security access policies to limit access.
D. Deploy the application to the state's private cloud and give authentication credentials to the other state's authorized officials.

Answer: C

NEW QUESTION 115
A software solution must be deployed based on the most granular access level. Which of the
following methods should be used to meet the requirements?

A. Group
B. RBAC
C. File-based
D. LDAP

Answer: B

NEW QUESTION 120
After monthly patching, a large number of users who are logged onto the network report that
application links from a company's intranet site, which previously opened directly into the website, are now prompting for logon information. Application administrators confirm that the websites in question are working properly. Which of the following is the MOST likely cause of the new behavior?

A. SSO issues
B. Password expiration
C. Account lockout
D. Certificate expiration

Answer: A

NEW QUESTION 124
A company is implementing a launchpad within an existing application that will point to an existing SaaS provider. One of the requirements is the user should not
have to log on multiple times. SSO is in place. When the launchpad is used, the user is redirected to SaaS providers as designed, but is asked for login
credentials. Which of the following is the MOST likely cause of this issue?

A. Users do not exist within the SaaS provider.
B. Group permissions are incorrect.
C. Users do not exist in directory services.

D. The federation is failing.

Answer: D

NEW QUESTION 127
An engineer is configuring the monitoring for a new application server. During the day, the CPU on
the server is baselined at approximately 30% utilization. At midnight, a batch job is scheduled to run that will drive the CPU utilization up to 75% for approximately an hour. Any time the CPU utilization is at 40% or higher for longer than ten minutes, administrators will receive an alert. Which of the following is the BEST method to ensure administrators do not experience message fatigue due to false alerts?

A. Set a different threshold during the batch peak time.
B. Increase the alert time threshold to 65 minutes.
C. Increase the alert utilization threshold to 80%.
D. Manually disable monitoring during the batch job.

Answer: A

NEW QUESTION 130
An organization is replacing its internal human resources system with a SaaS-based application. The
solution is multi-tenant, and the organization wants to ensure ubiquitous access while preventing password replay attacks. Which of the following would BEST help to mitigate the risk?

A. Implement destination resources authentication.
B. Require and implement two-factor authentication.
C. Remove administrator privileges from users' laptops.
D. Combine network authentication and physical security in one card/token.

Answer: B

NEW QUESTION 135
A user has submitted a ticket to request additional VMs due to long wait times for online ordering.
Given the snapshot of the resources in the table below:

Component	Resource	Utilization
Web Server	vCPU	35%
	Memory	85%
	Disk	30%
	Network	75%
Database Server	vCPU	40%
	Memory	60%
	Disk	65%
	Network	14%

Which of the following is the BEST option for the administrator to resolve the ticket?

A. Add vCPU to the database server to increase capacity.
B. Add disks to the database server to increase capacity.
C. Add virtual network ports to the web server to increase capacity.
D. Add memory to the web server to increase capacity.

Answer: D

NEW QUESTION 140
A company is implementing a SaaS solution with a large user base. SaaS solution licensing is user
based, and user management is critical to keep the cost in check. Which of the following is the MOST
efficient way to meet this requirement?

A. Have the administrator of the SaaS solution keep track of user activities.
B. Have a nightly upload to the SaaS provider of the current user base based on API call.
C. Have users remove their SaaS accounts when they no longer need the service.
D. Have a weekly user management script maintain the SaaS user base.

Answer: A

NEW QUESTION 143
A cloud administrator updates the syslog forwarder configuration on a local server in production to
use a different port. The development team is no longer receiving the audit logs from that server. However, the security team can retrieve and search the logs for the same server. Which of the following is MOST likely the issue?

A. The development team is not looking at the correct server when querying for the logs.

B. The security team has greater permissions than the development team.
C. The audit logging service has been disabled on the server.
D. The development team's syslog server is configured to listen on the wrong port.

Answer: B

NEW QUESTION 146
Performance on a new private cloud deployment is not meeting expectations. An engineer has
determined the virtualization host is experiencing high ready/wait times. VMs with the following configurations and metrics currently reside on the host:

Name	CPU Count	CPU Utilization	Memory Size	Memory Utilization
VM1	16	20%	32GB	80%
VM2	4	80%	32GB	90%
VM3	4	30%	16GB	35%
VM4	12	90%	24GB	50%

Which of the following troubleshooting choices would MOST likely be used to bring the high ready/wait times to meet the expected baseline?

A. Decrease the CPU count for VM1.
B. Increase the memory size for VM2.
C. Decrease the memory size for VM3.
D. Increase the CPU count for VM4.

Answer: B

NEW QUESTION 150
A company is deploying a new instant messaging app to allow for communications with external vendors. Each entity will host its own version of the application, but users must be able to talk between the companies. Which of the following security techniques would MOST likely be used to allow this to happen?

A. User synchronization
B. Password synchronization
C. Public federation
D. Multifactor authentication

Answer: D

NEW QUESTION 151
A cloud administrator wants to apply patches in an isolated copy of the production virtual server to
assess the impact. Which of the following activities would BEST achieve this objective?

A. Clustering
B. Snapshot
C. Image backup
D. Cloning

Answer: B

NEW QUESTION 154
A cloud administrator has configured a connection between two virtual private cloud environments
at a public cloud provider that are each in different accounts. The administrator has configured the accounts correctly so they can connect to each other's resources. Both cloud environments have policies that allow anyone from 0.0.0.0/0 on TCP port 22. The following table shows the network configuration information:

Virtual Private Cloud	IP Range	Server IP Address
Finance	10.250.40.0/24	10.250.40.100
Sales	10.250.48.0/24	10.250.48.214

However, the administrator is unable to establish an SSH connection from a server in 10.250.40.100 to 10.250.48.214. Which of the following is the MOST likely issue?

A. The network ACL is not configured to allow SSH access.
B. The IP configuration on one of the servers is incorrect.
C. The administrator does not have sufficient credentials.
D. The routing tables have not been updated correctly.

Answer: D

NEW QUESTION 157
A company is looking for a hardware feature with the least amount of downtime in terms of firmware
upgrades. Which of the following features BEST meet this requirement?

A. In-service upgrades
B. Rolling upgrades
C. Failover upgrades
D. User-mode upgrades

Answer: B

NEW QUESTION 162
A company uses SaaS and IaaS solutions from multiple cloud providers. Users report that this requires them to manage and remember multiple user accounts and passwords. Which of the following solutions should be implemented to fix this issue?

A. SSO
B. Federation
C. Password synchronization
D. Lowered password complexity
E. Multifactor authentication

Answer: A

NEW QUESTION 166
A CSA needs to bring a client's public cloud site online at another location in the same region after a
disaster. The RPO is eight hours, and the RTO is four hours. Which of the following is the BEST way to accomplish this goal?

A. Restore the site at the new location within six hours by using backups from the failed public cloud site from eight hours earlie
B. Switch users from the failed site to the online regional public cloud site.
C. Restore the site at the new location within two hours by using backups from the failed public cloud site from two hours earlie
D. Switch users from the failed site to the online regional public cloud site.
E. Restore the site at the new location within eight hours by using backups from the failed public cloud site from six hours earlie
F. Switch users from the failed site to the online regional public cloud site.
G. Restore the site at the new location within four and half hours by using backups from the failed public cloud site from a half hour earlie
H. Switch users from the failed site to the online regional public cloud site.

Answer: C

NEW QUESTION 171
Company A just acquired Company B and needs to migrate critical applications to Company A's private cloud infrastructure. Company B's applications are running on legacy servers and cannot be removed from the current datacenter where they reside. Which of the following migration strategies should the cloud administrator use?

A. V2V
B. P2V
C. V2P
D. P2P

Answer: C

NEW QUESTION 175
A physical server with SSD drives that hosts an IO-intensive database has been migrated into a
private cloud to ensure further growth possibilities and accommodate quarterly load spikes (up to 10,000 IOPs). The requirement is to have log partition latency below 5ms and data partition latency below 10ms, irrespective of the load spikes. A cloud administrator has conducted extensive tests after the migration. Which of the following test results would ensure the migration is successful?

A

	5000 IOPs	10,000 IOPs
Log partition read latency	4ms	5ms
Log partition write latency	1ms	1ms
Data partition read latency	6ms	8ms
Data partition write latency	1ms	1ms

B

	5000 IOPs	10,000 IOPs
Log partition read latency	4ms	5ms
Log partition write latency	1ms	1ms
Data partition read latency	6ms	11ms
Data partition write latency	800us	900us

C

	5000 IOPs	10,000 IOPs
Log partition read latency	4ms	5ms
Log partition write latency	800us	900us
Data partition read latency	10ms	12ms
Data partition write latency	800us	900us

D

	5000 IOPs	10,000 IOPs
Log partition read latency	4ms	5ms
Log partition write latency	10ms	10ms
Data partition read latency	10ms	10ms
Data partition write latency	10ms	10ms

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

NEW QUESTION 177
A new startup company is growing and wants to deploy a human resources management system on a
private cloud that is only accessible to the human resources department. Which of the following is the BEST method of access control?

A. Discretionary access control
B. Mandatory access control
C. Non-discretionary access control
D. Comprehensive access control

Answer: A

NEW QUESTION 181
A Type 1 hypervisor has the following specifications:
RAM128GB
CPU4 socket quad-core Storage16TB
Each VM must have 8GB RAM, 1 vCPU, and 512GB storage. Which of the following is the MAXIMUM number of VMs that can be hosted on this hypervisor?

A. 14
B. 15
C. 31
D. 32

Answer: A

NEW QUESTION 183
A cloud provider is increasingly discovering hard-to-find issues within the growing infrastructure. The
provider has all the basic necessary tools implemented to collect and store data regarding the environment. To allow the cloud provider to focus on relevant
events, which of the following is the MOST appropriate technique to build intelligence?

A. Event correlation
B. Event collection
C. Event alerts
D. Event-based workflows

Answer: B

NEW QUESTION 187
Cloud bursting can alleviate which of the following attacks?

A. Buffer Overflow
B. Brute Force
C. XSS
D. DDOS

Answer: D

NEW QUESTION 189
An administrator is testing a new web server from outside of the corporate firewall. The administrator performs a test from a single PC and the web server responds accordingly. The administrator then provisions several virtual machines on a network behind NAT and uses them to perform the same operation on the web server at the same time, but thereafter soon discovers that none of the machines can reach the web server. Which of the following could be responsible?

A. IPS
B. Blacklisting
C. IDS
D. Whitelisting
E. Firewall

Answer: E

NEW QUESTION 191
Which of the following storage technologies is IP-based?

A. SCSI
B. DAS
C. FCP
D. NAS

Answer: A

NEW QUESTION 194
An administrator has created a new virtual server according to specifications and verified that TCP/IP
settings are correct. When the VM is powered on, however, an error message indicates that a network card MAC address conflict exists. Which of the following would resolve this issue?

A. Remove the virtual NIC and configure another one.
B. Add an additional NIC with a loopback interface.
C. Ping the IP address to determine the location of the conflict.
D. Change the MAC to ff:ff:ff:ff:ff:ff and obtain a new address.

Answer: A

NEW QUESTION 195
Which of the following authentication types is being required when a user must swipe a key card and
then enter a password before being allowed access to the server room?

A. Multi-factor authentication
B. Single sign-on
C. Biometric authentication
D. Single-factor authentication

Answer: A

NEW QUESTION 200
Host A and B can both access LUNs one to ten in a single SAN LUN 11 has been created and Host A
can access it but Host B cannot. Which of the following will likely be the cause of this issue?

A. Faulty fiber HBA
B. Incorrect HBA WWPN
C. Incorrect HBA software version
D. Defective HBA

Answer: B

NEW QUESTION 205
After a recent outage going unnoticed, an administrator has been tasked to configure monitoring for
the Linux-based and Windows-based host operating systems in a hybrid cloud. Which of the following services should the administrator confirm are functional prior to employing centralized monitoring to both types of operating systems? (Select two.)

A. Syslog services
B. Cron services
C. Web services
D. Task Manager services

E. WMI services

Answer: AB

NEW QUESTION 209
A company has a virtual database server running in the cloud that the company would like to start
hosting in-house on a newly purchased blade server. Which of the following virtualization tools would BEST be used to accomplish this?

A. P2P
B. V2P
C. P2V
D. V2V

Answer: B

NEW QUESTION 213
Which of the following backup methods is MOST used by VM users?

A. Tape backups
B. Cloning
C. Image backups
D. Snapshots

Answer: D

NEW QUESTION 216
Which of the following cloud service models would be recommended to a company for hardware capacity to host a production database application?

A. CaaS
B. XaaS
C. IaaS
D. PaaS

Answer: D

NEW QUESTION 218
A company is migrating their physical servers to virtual. The administrator is tasked with migrating
three servers:
One application server with a dual-core 3.2GHz processor that reaches 50% CPU utilization at peak time.
Two web servers, each with a dual-core 3.2GHz processor, both reaching 70% CPU utilization at peak time.
Currently, the administrator only has two hosts available, so resources will need to be set for the new VMs. Each host has two 2.4GHz quad-core processors. One host is already near maximum capacity, and the second host is at 30% CPU utilization.
Which of the following would be the BEST minimum CPU resources set on the second host for the new VMs?

A. 1,600 MHz for the application server and 2,300 MHz for each web server.
B. 3,300 MHz for the application server and 4,600 MHz for each web server.
C. 3,300 MHz for the application server and 5,250 MHz for each web server.
D. 5,250 MHz for the application server and 7,080 MHZ for each web server.

Answer: A

NEW QUESTION 220
Which of the following server types would be an ideal candidate for virtualization? (Select two.)

A. Hypervisor
B. Terminal server
C. Mail server
D. Enterprise database server
E. Domain controller

Answer: CD

NEW QUESTION 221
A company is building a new server cluster to host applications for external clients. The company
wants to ensure high availability and maximum throughput, and requests that the server administrators configure teamed interfaces on all servers in the cluster. In this scenario, a teamed interface refers to:

A. link aggregation
B. elasticity on demand
C. a TCP offload engine
D. resource pooling

Answer: A

NEW QUESTION 225

A new server is connected to the fibre channel switch. In order to allow the server to see its allocated
storage on the storage array, the administrator must configure the server's WWNN as a member. The server administrator is configuring which of the following?

A. Zoning
B. LUN masking
C. Supernetting
D. VLAN tagging

Answer: A

NEW QUESTION 226
Every night a datacenter takes snapshots of each VM and backs them up to a tape which is shipped off to a disaster recovery site once a week. Which of the
following can mitigate a security breach if the tapes were to fall out of the shipping vehicle during transport?

A. Transmission level encryption
B. Transport layer encryption
C. Hard drive encryption
D. File level encryption

Answer: C

NEW QUESTION 227
An administrator, who operates a public cloud, has been tasked with implementing a secondary
datacenter for failover purposes. Immediate replication has too much of an impact on the WAN link during production hours. Which of the following is the BEST
option?

A. Asynchronous replication
B. Storage deduplication
C. Cold site failover with offsite archiving
D. Site mirroring

Answer: A

NEW QUESTION 232
Every quarter, technicians perform a UPS and generator test at the datacenter. During the test, the
diesel generators did not function correctly resulting in a datacenter black out. After the engineers restore power, they quickly turn on each device and go home for
the day. The next morning, clients start reporting they are not receiving email. After investigation, the engineers find that not all VMs are online and it is determined
that some VMs did not start up in a correct sequence. Which of the following policies might need to be reviewed to help remediate the above scenario?

A. Monitoring policy
B. Change management policy
C. Service level agreement policy
D. Boot sequence policy

Answer: B

NEW QUESTION 236
Which of the following utilities would BEST help diagnose NAS mount points?

A. route
B. ping
C. ifconfig
D. nfsstat

Answer: C

NEW QUESTION 240
A storage appliance has lost all network access. Which of the following network access methods
could a storage engineer use to investigate and correct the issue?

A. HTTP
B. Console port
C. RDP
D. SSH

Answer: D

NEW QUESTION 242
Which of the following reduces the amount of data that must be transmitted on a network by
keeping a copy of recently transmitted data in memory?

A. Latency
B. Compression
C. Caching
D. Bandwidth

Answer: C

NEW QUESTION 246
The system administrator created a file sharing service to the cloud for easier access for those
working remotely. Which of the following tests should be performed to determine if services can be compromised?

A. Test storage
B. Test latency
C. Vulnerability assessment
D. Penetration testing

Answer: D

NEW QUESTION 248
An administrator is building a VM for a department in the company. The requirements for the
department include:
1. Run multiple mission critical applications.
2. Generate and interpret large quantities of test data.
The administrator will start with the standard company VM template.
Which of the following should the administrator configure for this new department template to meet department requirements? (Select two.)

A. Configure additional virtual NICs
B. Configure additional memory
C. Configure port mapping
D. Apply appropriate OS licensing
E. Configure additional CPUs and storage

Answer: AB

NEW QUESTION 252
A company wants to ensure their website, which allows customers to purchase products, is in a
cluster at another geographical location. Which of the following solutions does this represent?

A. Differential backups
B. Data deduplication
C. Cold site
D. High availability

Answer: C

NEW QUESTION 253
Which of the following will allow for configuration of a round robin, load balanced environment?

A. DMZ
B. FAT
C. HTTPS
D. EXT

Answer: C

NEW QUESTION 255
Users are reporting slow performance on a virtual server. An administrator notices that the virtual
CPU is at 50%. Which of the following should the administrator check on the host?

A. I/O throttling
B. CPU wait time
C. Swap files
D. Memory ballooning

Answer: B

NEW QUESTION 259
Which of the following may be used to increase data confidentiality when encryption is not an
option?

A. LUN masking
B. Zoning
C. Hashing
D. Obfuscation

Answer: D

NEW QUESTION 260
An administrator is unable to connect to servers in the DMZ. Which of the following commands should the administrator run to determine where the connection
failure occurs?

A. nslookup
B. traceroute

C. telnet
D. netstat

Answer: B

NEW QUESTION 263
Which of the following is used in Object-Based Storage to Reference:
the servers that provide services to store, retrieve, and manage data in the Object-Based Storage system?

A. Controller
B. Host
C. Node
D. Switch

Answer: C

NEW QUESTION 266
When the cache receives write data from the hosts, which of the following does the controller send
back to the host?

A. Request
B. Header
C. Footer
D. Acknowledgement

Answer: D

NEW QUESTION 269
A number of VMs in a host are experiencing processor contention, showing down operations Which
of the following host hardware upgrade paths would yield higher VM performance, for the same VMs in the given hypervisor host?

A. Replace CPUs to move from 32-bit architecture o 64-bit
B. Replace CPUs to move from 64-bit architecture to 32-bit
C. Replace CPUs to increase current core speed
D. Replace CPUs to increase CPU core count

Answer: A

NEW QUESTION 272
A company has just completed a security audit and received initial results from the auditor. The results show that the ethical hacker was able to gain access to the
company servers by exploiting non-hardened VMs and hosts as guests and administrators. Which of the following should be implemented to harden the
environment? (Select two.)

A. Discretionary access controls
B. Disable unnecessary accounts
C. Change default passwords
D. Install antivirus software
E. Role-based access controls

Answer: BE

NEW QUESTION 276
An administrator needs to verify what ports are listening on an operating system. Which of the
following tools can be used to accomplish this task?

A. telnet
B. netstat
C. packet sniffer
D. ifconfig

Answer: B

NEW QUESTION 278
Which of the following technologies enables port sharing on a single physical port?

A. WWPN
B. NPIV
C. WWNN
D. Port mapping

Answer: B

NEW QUESTION 283
Tenants in a shared datacenter environment are concerned with the privacy of their data as it moves
from the application to the database servers in clear text. Which of the following can the provider implement to isolate tenants' data?

A. Bandwidth hard limits
B. Reservations
C. Resource pooling
D. VLANs

Answer: D

NEW QUESTION 286

A company is testing a new software product that is intended for auto discovery of assets within a
cloud environment. The testing department wants to ensure that initial testing does not allow the product to leave the boundary of the test environment. Which of the following should the network administrator implement in the department test environment?

A. ACLs
B. DMZ
C. IDS
D. SNMP

Answer: A

NEW QUESTION 290

The requirements for a web application state that it must be architected for high availability. The web application consists of front-end web server and back-end database server components respectively. Which of the following describes a solution that meets this requirement, while minimizing costs?

A. One front-end web server and two clustered back-end database servers
B. Two front-end web servers and two back-end database servers
C. Two front-end web servers and one back-end database server
D. Two load balanced front-end web servers and two clustered back-end database servers

Answer: D

NEW QUESTION 292

A system administrator is tasked to harden a server so that it is not accessible using HTTP. Which of
the following tools or techniques should the administrator use to accomplish this? (Select two.)

A. Change default passwords on the server
B. Antivirus software
C. Encryption software
D. Disable port 80
E. Disable port 443
F. Firewall
G. Patch management server

Answer: CD

NEW QUESTION 296

An administrator needs to test that a service is responding to external requests. Which of the
following tools can be used to accomplish this task?

A. ping
B. tracert/traceroute
C. telnet
D. ipconfig/ifconfig

Answer: B

NEW QUESTION 300

A company is experiencing latency problems connecting to the cloud. Which of the following should an administrator check FIRST?

A. Router ARP tables
B. Broadcast traffic
C. Bandwidth utilization
D. Subnetting

Answer: A

NEW QUESTION 304

Which of the following will use ICMP to successively check hops between the source and destination?

A. traceroute
B. netstat
C. dig
D. route

Answer: A

NEW QUESTION 305

Which of the following techniques would be used to deliver SLA performance guarantees for a VM in a virtual environment? (Select two.)

A. Licensing
B. Mirroring
C. Resource pooling
D. Memory ballooning
E. Reservations

Answer: BC

NEW QUESTION 306
A host with 30 VMs has 64GB of RAM, four quad-core CPUs, four 1-gigabit NICs and is connected to a NAS that provides NFS volumes. The hosted VMs are reporting slow performance. From the information given, which of the following is the MOST likely cause of the slow performance?

A. Insufficient NAS capacity
B. The server is using 110V instead of 220V
C. One hard drive has failed in the RAID 5
D. Insufficient network capacity

Answer: D

NEW QUESTION 308
A company is experiencing network access errors within one department that operates in a secure
environment. The network administrator needs to investigate the configurations of the switches servicing that department to determine the cause of the network access errors. Which of the following tools should be used to directly access the switches in that department?

A. AES
B. RDP
C. HTTP
D. SSH

Answer: D

NEW QUESTION 312
Which of the following should an administrator establish before deploying a guest VM in a production environment?

A. Disaster recovery plan
B. Patch management schedule
C. Business continuity plan
D. Access control list

Answer: C

NEW QUESTION 317
An administrator needs to securely troubleshoot an issue with a virtual host from a remote location.
Which of the following allows for this by default?

A. VPN and RDP
B. SCP and RDP
C. AES and TLS
D. SSL and SFTP

Answer: A

NEW QUESTION 322
A hosting company provides 10 VM web servers for a financial institution. The financial institution recently introduced a new web application and now their web traffic has significantly increased. Which of the following could the administrator implement to assist in reducing the load on the web servers?

A. Clustering
B. Virtual switching
C. Load balancing
D. Site mirroring

Answer: C

NEW QUESTION 327
Which of the following cloud delivery models has the LEAST probability of data leakage?

A. Community cloud
B. Public cloud
C. Hybrid cloud
D. Private cloud

Answer: D

Explanation: Reference: http://ijcsmc.com/docs/papers/March2016/V5I3201699a41.pdf

NEW QUESTION 330
The helpdesk starts receiving calls from a number of users that are suddenly having issues accessing one of the project management shared drives. When Joe, an administrator, logs onto the guest hosting the drive via the console he is able to get to the information. Which of the following failures could have caused this issue?

A. NIC failure
B. Disk failure
C. Memory failure
D. CPU failure

Answer: A

NEW QUESTION 332
An administrator has configured a new VM with the correct IP, netmask, and default gateway.
However, even with the vNIC showing a link and incoming and outgoing packets, the VM is unable to ping its default gateway. Which of the following is MOST likely the reason the VM network connection is not functioning properly?

A. The VM is not connected to the correct virtual switch.
B. The VM does not have jumbo frames enabled.
C. The VM is not in the LUN masking configuration.
D. The VM has an incorrect WWN.

Answer: D

NEW QUESTION 333
An amount of storage capacity presented to a host to format with its own file system is:

A. a LUN
B. a zone
C. a share
D. an export

Answer: C

NEW QUESTION 336
An administrator reports the company is running out of disk space on the SAN. The network administrator is installing a new SAN. Which of the following should the administrator implement to alleviate this problem on the new SAN?

A. Configure hard limits on the SAN
B. Increase the space on the old SAN
C. Send out an email and tell users to delete files from their home directories
D. Create a policy around usage and storage of music files

Answer: A

NEW QUESTION 338
Which of the following encryption types would be used to protect company information when stored on a cloud server being shared by multiple companies?

A. Secure socket layer encryption
B. Transport layer security encryption
C. Whole disk encryption
D. File and folder level encryption

Answer: D

NEW QUESTION 339
Which of the following elements should be tested when deploying cloud based services? (Select two.)

A. Bandwidth
B. Caching
C. Application performance
D. Virtual routers
E. Jumbo frames

Answer: ABC

NEW QUESTION 340
After an administrator deployed a private cloud a couple of years ago, users have started reporting
that the network is getting slower. The administrator looks at the monitoring tools and notices that, even though supernetting was used to allow for 8,000 more VMs, the most utilized switch port in the datacenter is only using 40% of its total throughput speed. Which of the following is MOST likely the problem?

A. The number of VMs using 1Pv4 is causing the network to crash.
B. Each host only has two links to the network, and they are becoming saturated.

C. The network only has 4Gbps HBAs when all cloud networks should be using 10Gbps.
D. There are too many devices broadcasting on the subnet.

Answer: D

NEW QUESTION 344
Anne, an administrator, notices unusual activity on a database server. After reviewing the logs, she
notices a number of successful anonymous FTP logins and transferring of data to an external server. Which of the following hardening techniques would have helped stop this attack from succeeding? (Select two.)

A. Changing default account settings
B. Up-to-date patching for operating system software
C. Current updates for the NIDS
D. Disabling unused ports and services
E. Up-to-date patching for application system software
F. Current updates for antivirus software

Answer: BD

NEW QUESTION 346
Which of the following is a hardening technique that an administrator would perform when creating a standard VM template that would be used for deploying servers in a production environment?

A. Create a standard user account
B. Disable unneeded services
C. Establish a performance baseline
D. Follow change management process

Answer: D

NEW QUESTION 351
Which of the following describes a host server that is configured to bridge four guest servers?

A. A host server that has one physical Ethernet adapter that is used to allow guests to communicate to the physical network
B. A host server that has four virtual Ethernet adapters dedicated to each guest server to communicate to the loopback network
C. A host server that has one physical Ethernet adapter that is configured as a standby
D. A guest server that has four virtual Ethernet adapters that are used to allow guests to communicate to the virtual network

Answer: B

NEW QUESTION 355
An administrator has been promoted to architect when trying to access one of the servers, the
architect receives the error: "Authentication failure: Account is not allowed". Which of the following explains why access was denied?

A. Role-based ACL are enabled
B. Multifactor authentication is partially working
C. Federated information is not completely populated
D. Discretionary ACL are enabled

Answer: D

NEW QUESTION 360
Two VMs are in the same subnet 10.120.10.x/24, but the VMs cannot communicate with each other.
Which of the following could be causing this problem?

A. Private IP addresses are not routable
B. Incorrect VLAN tagging
C. Incorrect subnetting
D. Incorrect firewall configuration

Answer: D

NEW QUESTION 361
Implementing a process in a change management system takes place after:

A. rigorous peer review.
B. consultation with the vendor.
C. initial test in a sandbox.
D. approval by the CAB.

Answer: D

NEW QUESTION 363
A college has implemented a private cloud for students and faculty. The college is required by their accrediting body to ensure that the cloud meets certain confidentiality and privacy requirements. Which of the following represents the LEAST intrusive testing method for the college to use, while ensuring separation of

duties during the testing?

A. A vulnerability assessment should be conducted by the MIS department.
B. A penetration test should be conducted by an accredited third party.
C. A penetration test should be conducted by the MIS department.
D. A vulnerability assessment should be conducted by an accredited third party.

Answer: A

NEW QUESTION 366
A server hosting file shares is an example of which of the following types of storage?

A. SAN
B. NAS
C. SATA
D. SAS

Answer: B

NEW QUESTION 367
A company has instituted a cloud solution where the solution consolidates resources between the
human resources and engineering departments. The combined resources are available to be assigned dynamically to each of the two departments without any visible impact on performance to the users. Which of the following terms BEST describes this cloud characteristic?

A. Resource consolidation
B. Resource pooling
C. Dynamic pooling
D. Cloud computing

Answer: B

NEW QUESTION 371
Which of the following tools would an administrator use when determining the hop count between a source and a destination?

A. arp
B. nbstat
C. ipconfig
D. tracert

Answer: D

NEW QUESTION 374
Which of the following is often a difficult process when working with internationally-based cloud
providers?

A. Litigation hold
B. Data segregation
C. Network isolation
D. Multi-tenancy

Answer: A

NEW QUESTION 379
Which of the following technologies allows for the secure exchange of encryption keys within an
internal network?

A. AES
B. RC4
C. Diffie-Hellman
D. 3DES

Answer: C

NEW QUESTION 383
An administrator for a non-profit organization has been tasked with creating a flexible cloud solution.
Which of the following would allow the programmer to customize this implementation?

A. Type II virtual infrastructure
B. Closed Source Hypervisors
C. Open Source Hypervisors
D. Type I virtual infrastructure

Answer: C

NEW QUESTION 386

A small business owner needs to establish a secure logon to the company database server to troubleshoot an issue while on vacation. Which of the following will allow secure access to manage the server from a remote location?

A. SFTP
B. Telnet
C. SSH
D. RSH

Answer: D

NEW QUESTION 387
Which of the following contributes to increased read access performance on a fibre channel SAN?

A. Zoning
B. Clustered storage
C. Caching
D. QoS

Answer: C

NEW QUESTION 389
Internal users are reporting high latency when connecting to external servers in the cloud. Which of
the following should a network administrator optimize?

A. WAN
B. SAN
C. VLAN
D. LAN

Answer: A

NEW QUESTION 392
Which of the following is the BEST choice for a clustered host interconnect?

A. Infiniband
B. 1Gb Ethernet
C. 10Gb Ethernet
D. Fibre Channel

Answer: D

NEW QUESTION 397
The administrator of virtual infrastructure needs to provision block storage for a virtual machine on which a business critical application will be installed. Considering performance, which of the following describes how the administrator should attach the storage to the VM?

A. Using NFS
B. Using CIFS
C. Using IPv6
D. Using iSCSI

Answer: D

Explanation: Reference:
http://www.techrepublic.com/blog/the-enterprise-cloud/block-level-storage-vs-file-level-storage-a- comparison/

NEW QUESTION 401
Which of the following are types of storage media? (Select two.)

A. SCSI
B. SSD
C. Tape
D. SATA
E. USB

Answer: BC

NEW QUESTION 402
A company that provides a cloud-based storage solution for consumers needs to ensure that users'
data is encrypted while it is stored on its premises. Which of the following should be used to accomplish this task?

A. SSL
B. HMAC
C. SHA
D. RC4

Answer:

A

NEW QUESTION 407
Which of the following is a benefit of having a virtual versus physical server environment?

A. Improved security
B. IPSec tunnel
C. Data scraping
D. Redundancy

Answer: D

NEW QUESTION 409
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