CV0-002 Dumps

CompTIA Cloud+ Exam

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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 is seeking a new backup solution for its virtualized file servers that fits the following characteristics:
The files stored on the servers are extremely large. Existing files receive multiple small changes per day. New files are only created once per month.
All backups are being sent to a cloud repository.
Which of the following would BEST minimize backup size?

A. Local snapshots
B. Differential backups
C. File-based replication
D. Change block tracking

Answer: B

Explanation:
Reference:
https://www.acronis.com/en-us/blog/posts/tips-tricks-better-business-backup-and-recovery-world- backup-day

NEW QUESTION 3
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 4
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 5
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 6
A cloud engineer deployed an email server in a public cloud. Users can access the email server, but the emails they send cannot reach their destinations. Which of the following should the cloud engineer do FIRST?

A. Confirm the email server configuration and reinstall the email server software.
B. Validate the security certificate for the email domain.
C. Confirm email encryption service.
D. Consult the cloud vendor's anti-spam policy.

Answer: A

NEW QUESTION 7
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 8
A customer wants a cloud systems administrator to adjust the backup schedule after month-end to
ensure the data can be restored as fast as possible while minimizing the time needed to perform the backup. Which of the following backup types should be scheduled?

A. Synthetic full
B. Incremental
C. Differential
D. Full

Answer: A

NEW QUESTION 9
? cloud administrator uses a script to automatically restart all the servers running in the public cloud
provider environment, which hosts e-commerce applications. The administrator decides to implement the same script for a similar environment that hosts the finance applications. After verifying the script is deployed to the public cloud environment for finance, the administrator schedules a job to run at 9:00 a.m. After 9:00 a.m., the administrator receives a report from the e- commerce team that the application is experiencing outages. Which of the following should the administrator do to resolve the issue?

A. Update the version of the CLI tool for the public cloud provider.
B. Copy the script up to a bastion host in the environment and run it from there.
C. Validate the access credentials for the cloud provider are correct.
D. Debug the script and modify it to remove the flawed logic.

Answer: C

NEW QUESTION 10
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 10
An administrator is deploying a new application platform with the following resource utilization:

Resource	Total Capacity	Current Usage
DISK	1.5TB	1300GB
IOPS	5000	3000
CPU	12GHz	8.5GHz
Network	10Gbps	3Gbps
RAM	256GB	90GB

Company policy requires that no resource utilization surpasses 80%. Which of the following resources will need to be upgraded prior to deployment?

A. Disk
B. IOPS
C. CPU
D. Network
E. RAM

Answer: A

NEW QUESTION 13
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 14

A manufacturing company's current security policy mandates PII is not stored in the SaaS solution.
Which of the following configuration controls should be used to block sensitive information from being stored in the SaaS solution?

A. Implement file-level encryption.
B. Implement a network ACL.
C. Implement an IPS.
D. Implement content filtering.

Answer: B

NEW QUESTION 15

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 19

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 21

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 25

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 28

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 31
A university is running a DNA decoding project that will take seven years if it runs on its current
internal mainframe. The university negotiated a deal with a large cloud provider, which will donate its cloud resource to process the DNA decoding during the low peak time throughout the world. Which of the following is the MOST important resource the university should ask the cloud provider to donate?

A. A large storage for the DNA decoding results
B. A larger pipe to transfer the results
C. A closer datacenter to the university
D. Any available compute resource

Answer: C

NEW QUESTION 36
A storage administrator must choose the best replication methodology for storage. The datacenters are on opposite sides of the country.
The RPO is 24 hours.
Replication and customer access use the same connections. Replication should not impact customer access during the day.
Which of the following solutions would BEST meet these requirements?

A. Asynchronous
B. Regional
C. Multiregional
D. Synchronous

Answer: A

NEW QUESTION 38
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 42
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 46
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 47

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 52
A cloud service provider wants to offer hardened virtual server images for provisioning purposes.
This will enable users to use only the operating system services that are allowed by the provider. Which of the following tasks are MOST appropriate for the hardening process? (Select TWO).

A. Disable automatic updates.
B. Disable the command prompt.
C. Disable unneeded ports and services.
D. Disable the local administrator account.
E. Disable the remote desktop connection.
F. Disable complex passwords.

Answer: AC

NEW QUESTION 57
A company security policy mandates education and training for new employees. The policy must outline acceptable use policies for SaaS applications. Given these requirements, which of the following security controls is BEST suited?

A. Preventive
B. Detective
C. Corrective
D. Physical

Answer: C

NEW QUESTION 61
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 64
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 67
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 69
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 70
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 74
A company has an SLA of 15ms for storage latency.

	90 days ago	60 days ago	30 days ago	Now
Space usage	65%	70%	75%	80%
Average latency	8ms	10ms	15ms	25ms
Storage CPU utilization	50%	65%	90%	95%

Given the above metrics, which of the following is the MOST appropriate change to the environment?

A. Add computing nodes and data nodes on the storage side.
B. Add more storage shelves to the current array.
C. Enable compression on the storage side.
D. Enable deduplication on the storage side.

Answer: C

NEW QUESTION 79
Worldwide users from an organization are experiencing intermittent access to a global cloud application. The cloud provider availability dashboard shows all resource availability has been 100% in the last two weeks. No network outages have been reported. Which of the following should the organization's administrator do BEFORE calling the cloud provider?

A. Check the firewall rules on the headquarters site.
B. Restart the application and applicable services.
C. Allow all traffic at the cloud provider side from any private IP address.
D. Evaluate the DNS to ensure all configurations are correct.

Answer: D

NEW QUESTION 80
A cloud deployment engineer is modifying versions of the existing template image to instantiate new
VMs. The engineer accomplishes this through the cloud self-service portal. After the version is changed and a new VM is successfully started, it does not have any connectivity, and all ping tests to other VMs fail. Which of the following would be the BEST approach to solve the problem?

A. Start the console session to the VM; check network static routes; test the ping to default gateway and next hop; and reconfigure the gateway IP.
B. Delete the VM; create a new flavor; turn on network service; add the new image to the templatemanager; and reinstantiate the VM using this new image.
C. Delete the VM; check the IP assignment and planning; modify configuration in the deployment template; and instantiate the VM again using the new template.
D. Assign new IPs to the newly created VMs by changing and running the deployment template; and check the connectivity on the cloud self-service portal afterward.

Answer: D

NEW QUESTION 81
A cloud provider is evaluating an insider threat. A resource from the company operations team has
access to the servers' virtual disks. This poses a risk that someone could copy and move the virtual server image and have access to the data. Which of the following solutions would help mitigate this problem?

A. Tokenization
B. Encryption
C. Virtual firewall
D. Hashing

Answer: A

NEW QUESTION 83
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 87
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 88
A cloud administrator configures a new web server for the site https://companyname.com. The administrator installs a wildcard SSL certificate for
*.companyname.com. When users attempt to access the site, a certificate error is received. Which of the following is the MOST likely cause of the error?

A. Certificate misconfigured
B. Certificate expired
C. Certificate revoked
D. Certificate not signed

Answer: A

NEW QUESTION 92
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 97
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 99
A company has been migrating a significant number of its on-premises applications to various SaaS
providers. The IT department has noticed the following: User account management has become challenging. User account compromises have increased. Accessing various SaaS applications is challenging.
Which of the following should the IT security department implement to BEST resolve the issue? (Select THREE).

A. Single sign-on
B. Multifactor authentication
C. Network intrusion prevention system
D. Password synchronization
E. Federation
F. IPSec tunnel to the SaaS providers
G. VPN to SaaS providers

Answer: BDE

NEW QUESTION 100
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 102
IaaS users are reporting longer than expected wait times when accessing the virtual file repository.
There are more than 2TB of free disk space, and vCPU and vRAM do not reach more than 75% utilization. In which of the following ways should the cloud systems administrator analyze this issue?

A. Access the cloud services portal and increase the amount of available disk space by 25%.
B. Access the cloud services portal and check the amount of CPU and RAM on the host machine.
C. Access the cloud services portal and look at the historical performance numbers.
D. Access the cloud services portal and check the security log for access denied requests.

Answer: B

NEW QUESTION 105
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 110
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 111
A company is migrating some of its consumer-facing services to a cloud provider. The company has
been getting more customers since its competitors have gone bankrupt. Which of the following actions would BEST meet the company's increased resource needs?

A. Increase the company's network bandwidth to 10Gbps.
B. Install additional load balancers.
C. Deploy additional web servers to the cloud.
D. Deploy a local database within the company's datacenter.

Answer: B

NEW QUESTION 113
An e-commerce business recently experienced a two-hour outage from its hosted web service
provider. According to the SLA, the business needs to determine how much data can be restored. On which of the following service-level components should the business focus?

A. MTTR
B. RPO
C. MTBF
D. RTO

Answer: C

NEW QUESTION 117
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 121
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

Answer: A

NEW QUESTION 123
Cloud bursting can alleviate which of the following attacks?

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

Answer: D

NEW QUESTION 128
Which of the following would a company implement to provide authentication to multiple websites that are delivered through PaaS?

A. Federation services
B. MAC
C. Multi-factor authentication
D. RBAC

Answer: D

NEW QUESTION 132
Which of the following will be the BEST option for an administrator to bring VMs online at a warm site after a natural disaster has occurred at the primary site?

A. Kick off a full backup
B. Request offsite backup tapes
C. Confirm enterprise tape library is functional
D. Verify replication is enabled

Answer: C

NEW QUESTION 136
Which of the following generally has better performance when accessing larger databases?

A. NAS
B. SAN
C. CIFS
D. NFS

Answer: B

NEW QUESTION 140
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 142
Which of the following can be used to assign priority to specific network traffic?

A. Load balancing

B. QoS
C. NIC teaming
D. Jumbo frames

Answer: B

NEW QUESTION 147
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 150
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 152
A cloud infrastructure function that can grow and shrink to meet peak demand requirements quickly
is known as:

A. elasticity
B. federation
C. automation
D. caching

Answer: A

NEW QUESTION 156
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 161
An organization is looking to implement an online web-based mail system to allow employees to
access email while not on the network. The organization wants to have complete control over the servers and the dat

A. Which of the following should the organization implement?
B. Public cloud
C. Hybrid cloud
D. Off-premise hosting
E. On-premise hosting

Answer: D

NEW QUESTION 164
An administrator is asked to securely upload a configuration file to a web server in a cloud. Which of
the following protocols should be used in this scenario?

A. SFTP
B. SSL
C. TLS
D. HTTP

Answer: C

NEW QUESTION 168

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 171
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 173
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 175
A company is expanding its cloud hosting services to include storage. Prior to upgrading existing customers with the new service, the testing department needs to
validate that users can access the new service without seeing other customer data or company sensitive data also hosted in the cloud environment. Which of the
following should be conducted prior to deployment of the new service?

A. Bandwidth test
B. Load balancing
C. Security test
D. Storage test

Answer: C

NEW QUESTION 178
Which of the following describes a community string?

A. It is used to group devices that used SMTP.
B. It is used to group devices that are clustered.
C. It is used to group devices that manage SaaS.
D. It is used to group devices that are managed by SNMP.

Answer: D

NEW QUESTION 182
A small software development company wants to provide four of their developers with the ability to
create four or five VMs each. The company also wants to be able to share all of the VM images and snapshots on a NAS. Which of the following would meet these
objectives at the lowest cost?

A. Enterprise level hypervisor
B. Workstation level hypervisor
C. Bare metal hypervisor
D. Type I hypervisor

Answer: A

NEW QUESTION 186
A company is implementing a private cloud infrastructure and is testing its high availability components. In a planned outage test, all systems will be shut down
sequentially. Which of the following would be the LAST area to shut down?

A. Offsite mirror
B. Networking

C. Hypervisors
D. Storage

Answer: C

NEW QUESTION 189
A company is migrating to the cloud and needs to implement a security policy. Which of the following should the company implement?

A. Redundancy strategy
B. Integration strategy
C. Disaster recovery strategy
D. Patching strategy

Answer: C

NEW QUESTION 190
Which of the following is used by storage tiering to meet SLAs?

A. RBAC
B. Rules sets
C. Policies
D. Cron jobs

Answer: A

NEW QUESTION 192
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 193
A system administrator has been monitoring cloud infrastructure usage over a period of time. The
administrator notices that several hosts are consistently running close to capacity during work hours. To balance the workload across more hosts the administrator performs a virtual resource migration. Which of the following terms BEST describes the reason the administrator performed this action?

A. Mobility
B. Utilization
C. Availability
D. Migration

Answer: C

NEW QUESTION 197
Which of the following would allow separation between the Internet and the internal network of a company?

A. Virtual Local Area Networks
B. Review Audit Logs
C. Review System Logs
D. Demilitarized zone

Answer: A

NEW QUESTION 201
Which of the following is a best practice used in relation to MTBF?

A. Determine backup schedule based on uptime requirements
B. Proactively replace components before they fail
C. Determine downtime to perform a system recovery
D. Reactively replace components after failure

Answer: B

NEW QUESTION 204
A system administrator needs to spread data storage allocation across multiple physical drives and ensure that these are mapped properly to communicate with the virtual server farm. The administrator also needs the ability to quickly create or remove these mappings so data storage is not assigned without being used. Which of the following storage techniques would fit these requirements?

A. Virtual LUN
B. Subnet masking

C. Multipathing
D. Physical LUN

Answer: C

NEW QUESTION 208
Which of the following BEST describes the process of restoring service to a primary datacenter in a
controlled manner, following a disaster?

A. Failover
B. Replication
C. Failback
D. Geographical diversity

Answer: C

NEW QUESTION 209
Which of the following would be BEST to use to host and manage virtualized database servers?

A. Type I hypervisor
B. Type II hypervisor
C. iSCSI NAS
D. Fibre Channel SAN

Answer: A

NEW QUESTION 212
Which of the following virtual network components allows a virtual NIC to connect to local area resources?

A. virtual router
B. Virtual switch
C. Virtual network
D. Virtual gateway

Answer: B

NEW QUESTION 215
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 216
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 220
An administrator is tasked with encrypting all Personally Identifiable Information (PII) within a cloud- based database. Which of the following types of encryption will ensure that ONLY this type of information is encrypted while the rest of the database remains unencrypted?

A. File and folder encryption
B. Transport encryption
C. Hard drive encryption
D. Table encryption

Answer: D

NEW QUESTION 222
An administrator has virtualized a physical server. The application team reports satisfactory performance. The physical machine has been reimaged with a newer operating system. The following day, the application team remembers that the physical server had a dual purpose and uses a proprietary telephony card that connects to the PBX switch. The administrator needs to restore the server to its previous state. Which of the following should the administrator perform?

A. P2P
B. Restore the snapshot

C. V2V
D. V2P

Answer: B

NEW QUESTION 227
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 229
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 232
A virtual machine snapshot is:

A. a backup copy of the virtual machine.
B. a revertible point in time of the virtual machine.
C. an exact copy of the virtual machine.
D. an image of the virtual machine.

Answer: B

NEW QUESTION 237
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 239
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 240
An administrator suspects malware has infected a server. Which of the following should be used to
check services communicating with external servers?

A. netstat
B. arp
C. nslookup
D. dig

Answer: C

NEW QUESTION 241
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 242
Which of the following is the BEST method to isolate iSCSI network traffic?

A. WWPN Zoning
B. WWNN Zoning
C. Dedicated VLANs
D. LUN Masking

Answer: C

NEW QUESTION 246
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 250
Which of the following does the administrator use to consolidate all the VMs into a single IP while allowing access to the Internet?

A. DNS
B. VLAN
C. NAT
D. DHCP

Answer: B

NEW QUESTION 255
A system has the ability to automatically provision additional virtual servers in response to a load
increase. This is an example of which of the following cloud features?

A. Replication
B. Resource Pooling
C. Orchestration
D. Virtual Network

Answer: D

NEW QUESTION 256
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 261
When working with hypervisors configured in a highly available configuration that provides fail-over
capabilities to virtualized servers and applications, which of the following requirements is commonly overlooked?

A. Correct storage allocation
B. Correct CPU allocation
C. Correct memory allocation
D. Correct licensing allocation

Answer: D

NEW QUESTION 263
A company has changed their web hosting policy and now requires SSL certificates on all web

servers. Users are reporting that they can no longer access an internal website. Which of the following commands should the administrator run to determine if port 443 1s listening? (Select two.)

A. traceroute
B. telnet
C. netstat
D. ipconfig
E. nslookup

Answer: C

NEW QUESTION 268
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 269
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 274
A technician needs to configure a virtual NIC on a Class A IP address network. Which of the following
is the default subnet mask for this network?

A. /8
B. /16
C. /24
D. /28

Answer: A

Explanation:
Reference: https://www.pantz.org/software/tcpip/subnetchart.html

NEW QUESTION 278
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 281
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 282
An organization is converting a physical SQL server into a virtual server. The SQL database has been in use for several years and contains critical data for the organization. Which of the following conversion methods would be MOST appropriate?

A. Automated offline
B. Manual offline
C. Manual online
D. Automated online

Answer: D

NEW QUESTION 287
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