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NEW QUESTION: 1

Recent feedback from an employee engagement survey stated that users are frustrated with multiple logins to different SaaS providers, and the cloud engineering teams is directed to address this issue and implement a solution. The security policy states that users must access the SaaS from approved IP addresses.

Which of the following is the BEST and most efficient solution to deploy?

- A. Deploy SSO and enforce VPN access to the corporate domain.
- B. Deploy a smart card login and change passwords to each SaaS vendor every 30 days.
- C. Deploy an IPsec tunnel to each SaaS provider and enable biometric login.
- D. Deploy a CASB solution and whitelist the approved SaaS applications.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Google Apps is a set of online applications allowing users to create and share documents and spreadsheets. This is an example of:

- A. None of the above.
- B. PaaS.
- C. SaaS.
- D. IaaS.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 3

An administrator is performing a migration of a physical cluster that uses boot from SAN into private cloud. The systems administrator needs to minimize the downtime required.

Which of the following migrations is the BEST option for the systems administrator to use?

- A. P2V with storage migration on the hypervisor.
- B. P2V with copy of the LUNs into data stores for hypervisor access.

- C. P2V with raw device mapping/pass-through LUNs on the storage system.
- D. P2V with cold system cloning on the storage infrastructure.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

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. The federation is failing.
- D. Users do not exist in directory services.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

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. Gateway
- C. VLAN
- D. Subnet

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 6

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

Government agencies currently operate their own websites, each with its own directory services. There is a mandate to minimize IT administration.

Which of the following should the cloud services architect choose to BEST meet this mandate?

- A. Upgrade all stand-alone systems to use mobile technologies.
- B. Reengineer the identification and authorization process.

- C. Set up a direct VPN tunnel between the government sites.
- D. Upgrade the operating systems on all of the web servers.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

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 security team has greater permissions than the development team.
- B. The development team is not looking at the correct server when querying for the logs.
- C. The development team's syslog server is configured to listen on the wrong port.
- D. The audit logging service has been disabled on the server.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 9

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. IDS
- C. SNMP
- D. DMZ

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Users are experiencing slow response times from an intranet website that is hosted on a cloud platform. There is a site-to-site VPN connection to the cloud provider over a link of 100Mbps. Which of the following solutions will resolve the issue the FASTEST?

- A. Order a direct link to the provider
- B. Change the connection to point-to-site VPN
- C. Upgrade the link to 200Mbps
- D. Enable quality of service

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

A systems administrator is analyzing a report of slow performance in a cloud application. This application is working behind a network load balancer with two VMs, and each VM has its own digital certificate configured. Currently, each VM is consuming 85% CPU on average. Due to cost

restrictions, the administrator cannot scale vertically or horizontally in the environment. Which of the following actions should the administrator take to decrease the CPU utilization? (Choose two.)

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

Answer: B,E (LEAVE A REPLY)

NEW QUESTION: 12

A systems administrator recently deployed a VDI solution in a cloud environment; however, users are now experiencing poor rendering performance when trying to display 3-D content on their virtual desktops, especially at peak times.

Which of the following actions will MOST likely solve this issue?

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

Answer: D (LEAVE A REPLY)

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

NEW QUESTION: 13

A Chief Executive Officer (CEO) want to know why moving all mission-critical applications to the public cloud would have a positive impact on the business. Which of the following would provide the greatest advantage? (Select TWO)

- A. The public cloud reduces the time to implement a solution.
- B. The public cloud decreases the need for QA in the SDLC.
- C. The public cloud allows for elastic salability.
- D. The public cloud decreases the need for disaster recovery.
- E. The public cloud adds the ability to move easily complete P2V tasks.

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 14

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 1.8:1Deduplication 2.7:1Overall savings 4.2:1Average latency 1.2ms
- B. Compression 1:1Deduplication 4:1Overall savings 4:1Average latency 1.0ms

- C. Compression 1.5:1Deduplication 1.8:1Overall savings 2.2:1Average latency 600us
- D. Compression 1.3:1Deduplication 3.1:1Overall savings 4.3:1Average latency 900us

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

A private cloud is using the iSCSI protocol for connection from storage to hypervisors. This connection is not encrypted currently, and the systems administrator is tasked with enabling on-the-fly encryption.

Which of the following technologies should the administrator use?

- A. HTTPS
- B. IPSec
- C. PKI
- D. LUN encryption

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 16

Joe, a systems administrator, deployed a computer and storage for a system and took it to the application team. The next day, the application team claimed the database was slow. The deployment request, result, and current utilization data are shown below.

	Requested Resource	Deployment Result	Current Utilization
CPU	2 vCPU	2 vCPU	30%
Memory	8GB	8GB	100%
Storage	300GB	300GB	35%

Which of the following descriptions of the situation is correct?

- A. The deployment was unsuccessful due to the cloud failure.
- B. The deployment was done with the wrong storage parameter.
- C. The deployment was done with the wrong memory configuration.
- D. The deployment was successful, but the capacity planning was inaccurate.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

A cloud administrator recently deployed an update to the network drivers of several servers. Following the update, one of the servers no longer responds to remote login requests. The cloud administrator investigates the issue and gathers the following information:

The cloud management console shows the VM is running and the CPU and memory utilization is at or near 0%.

The cloud management console does not show an IP address for that server.

A DNS lookup shows the hostname resolves to an IP address.

The server is a member of the same security group as the others.

The cloud administrator is able to log in remotely to the other servers without issue.

Which of the following is the MOST likely cause of the server being unavailable?

- A. The server was assigned a new IP address, and DNS entry for the server name was not updated.
- B. The ACL policy for the server was updated as part of the server reboot, preventing login access.
- C. The network driver updates did not apply successfully, and the interface is in a down state.
- D. The update caused an increase in the output to the logs, and the server is too busy to respond.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

A large law firm is migrating all of its systems to the cloud to meet growing business needs. The firm wants to reduce IT staff while maintaining day-to-day operations, such as user provisioning, folder management, and permissions. Which of the following **MUST** the cloud provider and cloud customer implement to ensure user non-repudiation?

- A. Client-to-site VPN
- B. Server certificate
- C. Single sign-on
- D. Two-factor authentication

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 19

A systems administrator wants to verify the word "qwerty" has not been used as a password on any of the administrative web consoles in a network. Which of the following will achieve this goal?

- A. A network port scan
- B. A service availability scan
- C. A default and common credentialed scan
- D. An agent-based vulnerability scan

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 20

An administrator has recently deployed a private cloud to be used as development environment by the engineering department. The host server has both SSD and SATA drivers. Which of the

following should the administrator create to ensure the engineering department can only select SATA storage when using the self-service portal?

- A. Storage tiering
- B. VHD
- C. SAN
- D. VM template

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 21

An administrator is responsible for managing a private cloud that has servers that require a significant amount of RAM, but does not have the resources to dedicate to the guests. Which of the following features should the administrator configure on the hypervisor?

- A. Resource pooled memory
- B. Memory reservation
- C. Dynamic memory
- D. Static memory

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 22

A cloud administrator is reviewing a new application implementation document. The administrator needs to make sure all the known bugs and fixes are applied, and unwanted ports and services are disabled.

Which of the following techniques would BEST help the administrator assess these business requirements?

- A. Regression testing
- B. Performance testing
- C. Vulnerability testing
- D. Usability testing

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

An administrator is performing an in-place upgrade on a guest VM operating system.

Which of the following can be performed as a quick method to roll back to an earlier state, if necessary?

- A. A configuration file backup
- B. A full backup of the database
- C. A differential backup
- D. A VM-level snapshot

Answer: D ([LEAVE A REPLY](#))

Reference:

<https://cloud.google.com/compute/docs/tutorials/performing-in-place-upgrade-windows-server>

NEW QUESTION: 24

A DevOps administrator is automating an existing software development workflow. The administrator wants to ensure that prior to any new code going into production, tests confirm the new code does not negatively impact existing automation activities.

Which of the following testing techniques would be BEST to use?

- A. Usability testing
- B. Regression testing
- C. Vulnerability testing
- D. Penetration testing

Answer: B ([LEAVE A REPLY](#))

<https://www.softwaretestinghelp.com/regression-testing-tools-and-methods/>

NEW QUESTION: 25

Which of the following is relevant to capacity planning in a SaaS environment?

- A. Scalability
- B. A hypervisor
- C. Licensing
- D. Clustering

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 26

Which of the following can be used to assign priority to specific network traffic?

- A. QoS
- B. Jumbo frames
- C. Load balancing
- D. NIC teaming

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 27

A support engineer wants to prevent users from running malware on several IaaS compute instances. Which of the following will BEST achieve this objective?

- A. Encrypt all applications that users should not access.
- B. Set the execute filesystem permissions on the desired applications only.
- C. Disable file sharing on the instance.
- D. Implement an application whitelisting policy.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 28

A cloud administrator is load balancing six VMs on an IaaS cloud service. The organization has an SLA stating the application should be available 99.999% of the time. At present, the six VMs

are handling the load from one region and three availability zones. System baselines have confirmed there must be at least six VMs to handle this load.

Given this scenario, which of the following should the administrator recommend to BEST meet these requirements?

- A. Implement and procure another region and set up three VMs across three availability zones.
- B. Implement and procure six VMs and add them to the three existing availability zones.
- C. Implement and procure another region and set up six VMs across three availability zones.
- D. Implement and procure three VMs and spread them across three availability zones.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

A cloud administrator is securing access to a VM using an IaaS cloud platform. The administrator must perform this task using an automated method, allow administrators to perform any method and expose any property of the VM, deny access for everyone else, and allow only read-only access to everyone else. Given this scenario, which of the following should the administrator use to BEST meet these requirements?

- A. Java
- B. JavaScript
- C. JSON
- D. jQuery

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

An administrator needs to over allocate storage on VMs in a development cluster. Which of the following storage practices will be followed?

- A. LUN masking
- B. FC zoning
- C. Thick provisioning
- D. Thin provisioning

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 31

In an existing IaaS instance, it is required to deploy a single application that has different versions.

Which of the following should be recommended to meet this requirement?

- A. Create snapshots
- B. Deploy using containers
- C. Enable SR-IOV on the host
- D. Install a Type 2 hypervisor

Answer: B ([LEAVE A REPLY](#))

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<https://www.preppdf.com/CompTIA/CV0-003-prepaway-exam-dumps.html> (452 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 32

A cloud architect is reviewing the design for a new cloud-based ERP solution. The solution consists of eight servers with a single network interface. The allocated IP range is 172.16.0.0/28. One of the requirements of the solution is that it must be able to handle the potential addition of 16 new servers to the environment. Because of the complexity of the firewall and related ACL requirements, these new servers will need to be in the same network range. Which of the following changes would allow for the potential server addition?

- A. Change the IP address range to use a 10.0.0.0 address.
- B. Change the server scaling configuration to increase the maximum limit.
- C. Change the subnet mask to use a 255.255.255.128 range.
- D. Change the server template to add network interfaces.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

An organization is implementing a new requirement to facilitate users with faster downloads of corporate application content. At the same time, the organization is also expanding cloud regions. Which of the following would be suitable to optimize the network for this requirement?

- A. Implement CDN for overall cloud application
- B. Implement auto-scaling of the compute resources
- C. Implement SR-IOV on the server instances
- D. Implement an application container solution

Answer: ([SHOW ANSWER](#))

Reference:

https://access.redhat.com/documentation/en-us/red_hat_openshift_platform/13/html/network_functions_virtualization_planning_and_configuration_guide/part-sriov-nfv-configuration

NEW QUESTION: 34

A systems administrator wants to ensure two VMs remain together on the same host. Which of the following must be set up to enable this functionality?

- A. Affinity
- B. Zones
- C. Regions

D. A cluster

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 35

An administrator has been asked by the Chief Information Officer (CIO) to provide storage that will have the ability to accommodate at least FC and SATA in the same enterprise array with software that will be policy driven based on performance. Which of the following enterprise storage features should be recommended?

- A. Dynamic resource allocation
- B. Storage tiering
- C. Storage provisioning
- D. Dynamic provisioning

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 36

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

Answer: A,E ([LEAVE A REPLY](#))

NEW QUESTION: 37

A company wants to deploy new compute resources efficiently through automation. Which of the following is a key success factor to achieve automation?

- A. Establish and document standard changes.
- B. Deploy virtualized resources to the cloud.
- C. Move security testing to the end of the process.
- D. Ensure surplus compute resources are available.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

A systems administrator is troubleshooting performance issues with a VDI environment. The administrator determines the issue is GPU related and then increases the frame buffer on the

virtual machines. Testing confirms the issue is solved, and everything is now working correctly. Which of the following should the administrator do NEXT?

- A. Consult corporate policies to ensure the fix is allowed
- B. Conduct internal and external research based on the symptoms
- C. Document the solution and place it in a shared knowledge base
- D. Establish a plan of action to resolve the issue

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

Before doing a change on a VM, a systems administrator wants to ensure there is an easy and fast way to rollback if needed. The change and testing should take approximately two hours. Which of the following is the EASIEST way to meet this requirement?

- A. Make an on-demand, full backup to a secondary location.
- B. Create a snapshot on the hypervisor.
- C. Make an on-demand, incremental backup to a VTL.
- D. Create a snapshot on a remote storage array.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 40

A consultant is helping a gaming-as-a-service company set up a new cloud. The company recently bought several graphic cards that need to be added to the servers. Which of the following should the consultant suggest as the MOST cost effective?

- A. Community
- B. Public
- C. Private
- D. SaaS

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 41

A company is subcontracting part of a large project to another company. Management wants to ensure that there is a secure way for employees from both companies to share data without exposing internal information to employees at the other company.

Which of the following cloud models BEST serves this purpose?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

A cloud administrator is assigned to establish a connection between the on-premises data center and the new CSP infrastructure. The connection between the two locations must be secure at all times and provide service for all users inside the organization. Low latency is also required to improve performance during data transfer operations. Which of the following would BEST meet these requirements?

- A. An IPsec tunnel
- B. A point-to-site VPN
- C. An MPLS connection
- D. A VPC peering configuration

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 43

An organization has multiple VLANs configured to segregate the network traffic. Following is the breakdown of the network segmentation:

- Production traffic (10.10.0.0/24)
- Network backup (10.20.0.0/25)
- Virtual IP network (10.20.0.128/25)

The following configuration exists on the server:

Server name	Interface	IP address	Gateway
COMPSRV01	Production	10.10.0.12/24	10.10.0.1
COMPSRV01	Network backup	10.20.0.12/25	10.10.0.1

The backup administrator observes that the weekly backup is failing for this server.

Which of the following commands should the administrator run to identify the issue?

- A. ROUTE PRINT
- B. NETSTAT -A
- C. IPCONFIG /ALL
- D. NET SM

Answer: ([SHOW ANSWER](#))

<https://www.toolbox.com/tech/operating-systems/blogs/using-the-route-print-command-in-windows-7-022310/>

NEW QUESTION: 44

An administrator needs to test the latency between two servers.

Which of the following commands should be used?

- A. route
- B. ping
- C. arp
- D. nslookup/dig

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

A company is considering consolidating a number of physical machines into a virtual infrastructure that will be located at its main office. The company has the following requirements:

High-performance VMs

More secure

Has system independence

Which of the following is the BEST platform for the company to use?

A. Software application virtualization

B. Type 1 hypervisor

C. Remote dedicated hosting

D. Type 2 hypervisor

Answer: B (LEAVE A REPLY)

NEW QUESTION: 46

A cloud administrator wants to have a central repository for all the logs in the company's private cloud. Which of the following should be implemented to BEST meet this requirement?

A. Log scrubbing

B. CMDB

C. SNMP

D. A syslog server

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 47

Which of the following is considered to be shared access file-level storage?

A. NAS

B. DAS

C. LUN

D. SAN

Answer: A (LEAVE A REPLY)

NEW QUESTION: 48

A systems administrator is deploying a VM and would like to minimize storage utilization by ensuring the VM uses only the storage if needs. Which of the following will BEST achieve this goal?

- A. Compression
- B. Deduplication
- C. RAID
- D. Thin provisioning

Answer: D ([LEAVE A REPLY](#))

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-4C0F4D73-82F2-4B81-8AA7-1DD752A8A5AC.html

NEW QUESTION: 49

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

Which of the following should be investigated FIRST?

- A. Server power
- B. Rack power
- C. SAN power
- D. Switch power

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 50

Metadata is described as which of the following?

- A. A large data object.
- B. A file header.
- C. A unique data field.
- D. A description of a data element.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 51

A cloud-based web proxy is blocking key sites that a business requires for operation. After validation, the sites are legitimate, and access is required for end users to complete their work.

Which of the following is the BEST solution to allow access to the sites?

- A. Create a security group for those users and enforce MFA.
- B. Blacklist the URLs.
- C. Whitelist the URLs.
- D. Instruct users to bypass the cloud-based web proxy.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 52

A cloud engineer is responsible for managing two cloud environments from different MSPs. The security department would like to inspect all traffic from the two cloud environments. Which of the following network topology solutions should the cloud engineer implement to reduce long-term maintenance?

- A. Mesh
- B. Chain
- C. Hub and spoke
- D. Star

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 53

A systems administrator is reviewing two CPU models for a cloud deployment. Both CPUs have the same number of cores/threads and run at the same clock speed.

Which of the following will BEST identify the CPU with more computational power?

- A. Simultaneous multithreading
- B. Bus speed
- C. L3 cache
- D. Instructions per cycle

Answer: D ([LEAVE A REPLY](#))

Reference:

https://en.wikipedia.org/wiki/Central_processing_unit

NEW QUESTION: 54

A Chief Information Security Officer (CISO) is evaluating the company's security management program. The CISO needs to locate all the assets with identified deviations and mitigation measures. Which of the following would help the CISO with these requirements?

- A. SOC procedures
- B. A risk register
- C. ADR plan
- D. An SLA document

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

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. Create a master inventory list of servers that must be patched. Log in to each server and deploy the patch, making sure to check off each server on the list.
- B. Update the set of configuration management scripts to include the latest patch. Execute these scripts against a master inventory of servers.

C. Shut down all servers and use the server provisioning tools to deploy new ones that have the latest patch applied.

D. Use the existing tooling to clone the existing servers. Update each clone with the latest patch and shut down the original system.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 56

A systems administrator is creating a VM and wants to ensure disk space is not allocated to the VM until it is needed. Which of the following techniques should the administrator use to ensure?

A. Thin provisioning

B. iSCSI storage

C. Software-defined storage

D. Deduplication

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 57

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 ([LEAVE A REPLY](#))

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

NEW QUESTION: 58

A technician deploys multiple virtual clients on the same host and connects them through a virtual switch. The clients use peer-to-peer enabled software to share videos amongst each other.

Which of the following should the technician deploy to ensure only authorized communication is allowed between the virtual clients?

A. Host-based IDS

B. Software-based firewall

C. DMZ

D. VPN concentrator

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 59

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

A security audit related to confidentiality controls found the following transactions occurring in the system:

GET http://gateway.securetransaction.com/privileged/api/v1/changeResource?id=123&user=277

Which of the following solutions will solve the audit finding?

- A. Using a TLS-protected API endpoint
- B. Implementing a software firewall
- C. Deploying a HIDS on each system
- D. Implementing a Layer 4 load balancer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 61

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

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

A systems administrator recently deployed a VDI solution in a cloud environment; however, users are now experiencing poor rendering performance when trying to display 3-D content on their virtual desktops, especially at peak times.

Which of the following actions will MOST likely solve this issue?

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

Answer: (SHOW ANSWER)

Reference:

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

NEW QUESTION: 63

A DevOps administrator is automating an existing software development workflow. The administrator wants to ensure that prior to any new code going into production, tests confirm the new code does not negatively impact existing automation activities.

Which of the following testing techniques would be BEST to use?

- A. Usability testing
- B. Regression testing
- C. Vulnerability testing
- D. Penetration testing

Answer: B (LEAVE A REPLY)

Reference:

<https://www.softwaretestinghelp.com/regression-testing-tools-and-methods/>

NEW QUESTION: 64

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 65

A cloud administrator has created a new asynchronous workflow to deploy VMs to the cloud in bulk. When the workflow is tested for a single VM, it completes successfully. However, if the

workflow is used to create 50 VMs at once, the job fails. Which of the following is the MOST likely cause of the issue? (Choose two.)

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

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 66

The Chief Information Officer (CIO) has established the requirement to limit data loss to within two hours of a disaster. Which of the following terms describes this requirement?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

An administrator plans to migrate a VM with the existing application and data to a new VM to increase performance. Which of the following describes the type of migration the administrator plans to perform?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 68

A cloud administrator is working in a secure government environment. The administrator needs to implement corrective action due to recently identified security issue on the OS of a VM that is running a facility-management application in a cloud environment. The administrator needs to consult the application vendor, so it might take some time to resolve the issue. Which of the following is the FIRST action the administrator should take while working on the resolution?

- A. Shut down the server.
- B. Raise a problem ticket.
- C. Update the risk register.
- D. Upgrade the OS

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 69

After analyzing a web server's logs, a systems administrator sees that users are connecting to the company's application through HTTP instead of HTTPS. The administrator then configures a redirect from HTTP to HTTPS on the web server, and the application responds with a connection time-out message.

Which of the following should the administrator verify NEXT?

- A. The TLS certificate
- B. The folder permissions
- C. The firewall rules
- D. The concurrent connection limit

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 70

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

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

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 71

A systems administrator is deploying a solution that includes multiple network I/O-intensive VMs. The solution design requires that vNICs of the VMs provide low-latency, near-native performance of a physical NIC and data protection between the VMs. Which of the following would BEST satisfy these requirements?

- A. SR-IOV
- B. GENEVE
- C. SDN
- D. VLAN

Answer: **A** ([LEAVE A REPLY](#))

NEW QUESTION: 72

An application server, which uses a SaaS fax provider, is determined to cost too much money. An upgrade to the application allows for use of a physical fax card so the company only has to pay for a phone line. This is a production application; therefore, downtime must be minimized.

Which of the following types of migration is MOST efficient in facilitating this application upgrade?

- A. Cloud migration
- B. Virtual-to-physical migration
- C. Storage migration
- D. Offline migration

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

The IT department receives a client request to build multiple file server instances. Which of the following is the MOST efficient way for a cloud systems administrator to fulfill this request?

- A. Restore a file server base image from backup
- B. Use the file server template to build the file server instances
- C. Build the server instances using a boot from a SAN image
- D. Build file server instances with the OEM DVD

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 74

When a customer requests a VM to perform at higher levels the administrator should (Select two):

- A. migrate the VM to a faster online host.
- B. increase disk space.
- C. increase RAM on the host.
- D. increase the VMs vCPU count.
- E. increase the VMs vRAM.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

A VDI administrator has received reports from the drafting department that rendering is slower than normal. Which of the following should the administrator check FIRST to optimize the performance of the VDI infrastructure?

- A. GPU
- B. CPU
- C. Storage
- D. Memory

Answer: D ([LEAVE A REPLY](#))

<https://www.computer.org/publications/tech-news/trends/7-tips-for-faster-3d-rendering>

NEW QUESTION: 76

A company requires all system logs to be saved for a minimum 30 days. However, many employees are reporting storage near capacity alerts. A cloud administrator is trying to fix and prevent this issue from happening again.

Which of the following is the BEST option?

- A. Automate the clearing of the logs older than 30 days, and add more capacity to the log file storage.
- B. Automate migration of the log archiving storage to offline backup, and create a job to check and delete logs every 30 days.

C. Automate archiving of the logs older than 30 days, and create a scheduled job to clean up daily logs older than 30 days

D. Automate log deletion for logs older than 30 days. This job should run every day to clean up.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

If a firewall only allows TCP/UPD traffic from ports under 25 and above 162, which of the following would be used for alerting purposes?

- A. SNMP v1
- B. SNMP v3
- C. SMTP
- D. Syslog

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 78

A SaaS customer reports that no one can access the application portal. After some troubleshooting, the cloud administrator finds a problem and provides a remedy by restarting the cluster. After documenting the solution, the support case is closed. Multiple tenants lose access to their hosts the following day.

Which of the following troubleshooting steps did the administrator miss?

- A. Test the theory.
- B. Establish a theory.
- C. Verify full system functionality.
- D. Establish a plan of action.
- E. Identify the problem.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 79

A software company recently moved all of its development testing to a public cloud environment. The company primarily uses IaaS to deploy and test its code. The company needs the software developers to be more agile and efficient when testing application code. Which of the following

backup types should the developers use to BEST ensure the speedy recovery of a system if it is damaged?

- A. Snapshots
- B. Differential
- C. Incremental
- D. Full

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 80

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 81

A systems administrator for an e-commerce company will be migrating the company's main website to a cloud provider. The principal requirement is that the website must be highly available. Which of the following will BEST address this requirement?

- A. Vertical scaling
- B. A server cluster
- C. Redundant switches
- D. A next-generation firewall

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 82

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 83

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. RBAC
- C. SSO
- D. MFA

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 84

An organization allows clients to retrieve information on earthquake events. This is a description of which of the following classifications?

- A. DaaS
- B. XaaS
- C. SaaS
- D. CaaS

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 85

An engineer is responsible for configuring a new firewall solution that will be deployed in a new public cloud environment. All traffic must pass through the firewall. The SLA for the firewall is 99.999%. Which of the following should be deployed?

- A. A web application firewall
- B. Firewalls in a blue-green configuration
- C. Two load balancers behind a single firewall
- D. Two firewalls in a HA configuration

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 86

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 87

A systems administrator is deploying a GPU-accelerated VDI solution. Upon requests from several users, the administrator installs an older version of the OS on their virtual workstations. The majority of the VMs run the latest LTS version of the OS.

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

- A. Alternative community drivers
- B. The latest drivers from the vendor's website
- C. The drivers from the OS repository
- D. Legacy drivers

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 88

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

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

- A. Containers
- B. Infrastructure as code
- C. Desktop virtualization
- D. Virtual machines

Answer: ([SHOW ANSWER](#))

Reference:

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

NEW QUESTION: 89

A cloud engineer is using a hosted service for aggregating the logs for all the servers in a public cloud environment. Each server is configured via syslog to send its logs to a central location. A new version of the application was recently deployed, and the SaaS server now stops processing logs at noon each day. In reviewing the system logs, the engineer notices the size of the logs has increased by 50% each day. Which of the following is the MOST likely reason the logs are not being published after noon?

- A. The data limit has been exceeded at the SaaS provider.
- B. The logging directory does not have sufficient storage space.
- C. The syslog service is not running on the servers.
- D. There is a cloud service provider outage.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 90

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 ([LEAVE A REPLY](#))

<http://www.backup4all.com/kb/backup-types-115.html>

NEW QUESTION: 91

The storage team needs to upgrade the firmware on the test environment clustered storage array while minimizing downtime. Which of the following BEST describe what the storage team should consider prior to upgrading the firmware? (Select TWO)

- A. Virtual machine OS
- B. RAID controllers
- C. Disk firmware
- D. Fiber cable types
- E. IPMI software version

Answer: B,C ([LEAVE A REPLY](#))

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NEW QUESTION: 92

A developer is no longer able to access a public cloud API deployment, which was working ten minutes prior.

Which of the following is MOST likely the cause?

- A. Invalid API request
- B. API provider rate limiting
- C. Invalid API token
- D. Depleted network bandwidth

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 93

A systems administrator is creating a playbook to run tasks against a server on a set schedule. Which of the following authentication techniques should the systems administrator use within the playbook?

- A. Hard-code the password within the playbook
- B. Create a service account on the server
- C. Use the administrator's SSO credentials
- D. Use the server's root credentials

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 94

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

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

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 95

A SaaS provider wants to maintain maximum availability for its service. Which of the following should be implemented to attain the maximum SLA?

- A. A warm site
- B. A hot site
- C. An active-active site
- D. A cold site

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 96

A systems administrator is diagnosing performance issues on a web application. The web application sends thousands of extremely complex SQL queries to a database server, which has trouble retrieving the information in time. The administrator checks the database server and notes the following resource utilization:

CPU: 64%

RAM: 97%

Network throughput: 384,100Kbps.

Disk throughput: 382,700Kbps

The administrator also looks at the storage for the database server and notices it is consistently near its OPS limit. Which of the following will BEST resolve these performance issues?

- A. Increase CPU resources on the database server.
- B. Put the storage and the database on the same VLAN.
- C. Enable deduplication on the storage appliance.
- D. Increase caching on the database server.
- E. Enable compression on storage traffic.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 97

Which of the following would be MOST appropriate for storing sensitive data in a secure storage environment?

- A. LUN masking
- B. Zoning
- C. Encryption
- D. ACLs

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 98

A system administrator is migrating a bare-metal server to the cloud. Which of the following types of migration should the systems administrator perform to accomplish this task?

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 99

Human resources users report their payroll system is running slow. An administrator monitors performance and notices the VM that runs the payroll system is showing very high memory utilization. Additional virtual memory is allocated to the VM, but now other business units are reporting slow performance as well. The administrator notices high swap file activity on the host. Which of the following should the administrator perform?

- A. Establish memory soft limits.
- B. Decrease memory allocation on all VMs except for the payroll VM.
- C. Establish memory hard limits.
- D. Increase memory on the virtualization host.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 100

Which of the following assets have risks related to a cloud provider going out of business?

- A. Investment in servers at the provider
- B. Machine capacity at the provider
- C. Cloud management tools housed at the provider
- D. Data stored at the provider

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 101

A Chief Information Officer (CIO) has summoned an administrator due to the datacenter power bill being significantly higher than normal. The administrator explains that a new array was

installed for a 20TB CRM application. Which of the following solutions would provide a new performance benefit and also reduce power consumption?

- A. SSD
- B. FC
- C. SAS
- D. SATA

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 102

A technician is working with an American company that is using cloud services to provide video-based training for its customers. Recently, due to a surge in demand, customers in Europe are experiencing latency.

Which of the following services should the technician deploy to eliminate the latency issue?

- A. Auto-scaling
- B. Cloud bursting
- C. A content delivery network
- D. A new cloud provider

Answer: ([SHOW ANSWER](#))

<https://www.cloudflare.com/learning/cdn/what-is-a-cdn/>

"A content delivery network (CDN) refers to a geographically distributed group of servers which work together to provide fast delivery of Internet content."

NEW QUESTION: 103

A cloud administrator is planning to migrate a globally accessed application to the cloud.

Which of the following should the cloud administrator implement to BEST reduce latency for all users?

- A. Clustering
- B. Auto-scaling
- C. Regions
- D. Cloud bursting

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 104

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. Increase the alert time threshold to 65 minutes.
- B. Manually disable monitoring during the batch job.

- C. Set a different threshold during the batch peak time.
- D. Increase the alert utilization threshold to 80%.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 105

Which of the following data replication methods provides the shortest RPO?

- A. Asynchronous
- B. Incremental
- C. Synchronous
- D. Full

Answer: C (LEAVE A REPLY)

NEW QUESTION: 106

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 rate-of-load increase to determine if the cloud capacity boundary has been exceeded and enable bursting to the public cloud.
- D. Check the DHCP scope and increase the number of available IP addresses by extending the pool.

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 107

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. Dynamic pooling
- C. Resource pooling
- D. Cloud computing

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 108

Which of the following would be considered use cases for Object-Based Storage? (Select two.)

- A. Data archival solution
- B. Transactional database
- C. Cloud-based storage
- D. Enterprise email services
- E. Web server platform

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 109

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

Which of the following should be verified NEXT?

- A. Network
- B. SAN
- C. VM GPU settings
- D. Application

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 110

A company has an in-house-developed application. The administrator wants to utilize cloud services for additional peak usage workloads. The application has a very unique stack of dependencies.

Which of the following cloud service subscription types would BEST meet these requirements?

- A. PaaS
- B. SaaS
- C. IaaS
- D. DBaaS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

When deploying a cloud service, Ann, a local administrator, is told she will need to enable the following services to communicate with the cloud provider:

FTP, HTTPS, RDP

The following ports are currently open on the server:

21, 22, 80, 1434

Which of the following changes should be made to harden this server to the point that ONLY the necessary ports are open?

- A. Close ports 80 and 1434. Open port 3389.
- B. Close ports 21, 80, and 1434. Open port 443.
- C. Close ports 22, 80, and 1434. Open ports 443 and 3389.
- D. Close port 80. Open port 443.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 112

An administrator is no longer receiving alerting messages from the web server platform that recently failed over to a new secondary datacenter due to a power failure. Which of the following is the cause of the problem?

- A. Port 162 in DMZ is blocked inbound
- B. Port 22 to the log server is blocked outbound
- C. Port 162 in DMZ is blocked outbound
- D. Port 21 is only allowed inbound at the primary datacenter

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 113

Which of the following should an administrator implement to help reduce confidentiality risk for data at rest that is located in a public cloud?

- A. TLS
- B. IPSec tunnel
- C. Encryption
- D. SSL

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 114

A company wants to check its infrastructure and application for security issues regularly. Which of the following should the company implement?

- A. Penetration testing
- B. Vulnerability testing
- C. Regression testing
- D. Performance testing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 115

Joe, an administrator, has cloned a new virtualized application server. The new application server runs for several months and meets performance expectations. After building a second application server from the clone, Joe receives a few reports that the second server is too slow. Which of the following should Joe use FIRST to determine expected server performance?

- A. Baseline documentation
- B. HBA throughput monitoring tools
- C. Change management database
- D. NIC throughput monitoring tools

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 116

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. Non-discretionary access control
- C. Comprehensive access control
- D. Mandatory access control

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 117

A cloud administrator needs to configure multiple web servers to participate actively in workload processing.

Which of the following will BEST help the administrator achieve this goal?

- A. Deploy a reverse proxy in the DMZ.
- B. Deploy availability group and enable autoscaling.
- C. Deploy an HA group and make each website public.
- D. Deploy availability group and enable load balancing.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 118

A company is concerned about the security of its data repository that contains customer PII. A systems administrator is asked to deploy a security control that will prevent the exfiltration of such data. Which of the following should the systems administrator implement?

- A. DLP
- B. WAF
- C. FIM
- D. ADC

Answer: A ([LEAVE A REPLY](#))

<https://cloud.google.com/blog/products/identity-security/4-steps-to-stop-data-exfiltration-with-google-cloud>

NEW QUESTION: 119

A company has hired a security firm to perform a vulnerability assessment of its environment. In the first phase, an engineer needs to scan the network services exposed by the hosts. Which of the following will help achieve this with the LEAST privileges?

- A. An application scan
- B. An agent-based scan
- C. A network-based scan
- D. A credentialed scan

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 120

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

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 121

A systems administrator is about to deploy a new VM to a cloud environment. Which of the following will the administrator MOST likely use to select an address for the VM?

- A. NTP
- B. CDN
- C. DNS
- D. IPAM

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 122

An engineer is responsible for configuring a new firewall solution that will be deployed in a new public cloud environment. All traffic must pass through the firewall. The SLA for the firewall is 99.999%. Which of the following should be deployed?

- A. Firewalls in a blue-green configuration
- B. A web application firewall
- C. Two firewalls in a HA configuration
- D. Two load balancers behind a single firewall

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 123

A systems administrator needs to configure monitoring for a private cloud environment. The administrator has decided to use SNMP for this task.

Which of the following ports should the administrator open on the monitoring server's firewall?

- A. 53
- B. 123
- C. 139
- D. 161

Answer: D ([LEAVE A REPLY](#))

<https://thwack.solarwinds.com/t5/NPM-Discussions/SNMP-open-ports-on-the-firewall/m-p/168826>

NEW QUESTION: 124

An administrator is responsible for managing a host that is part of a private cloud. The host has one physical quad core CPU. The administrator is tasked with creating a new guest that requires a single CPU. Which of the following actions should the administrator do?

- A. Assign 1 virtual CPU to the Host
- B. Assign 1 physical CPU to the Host
- C. Assign 1 physical CPU to the Guest
- D. Assign 1 virtual CPU to the Guest

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 125

Which of the following is BEST suited to achieve storage path redundancy?

- A. Replication
- B. Load balancing
- C. iSCSI
- D. MPIO

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 126

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 ([LEAVE A REPLY](#))

<https://www.pantz.org/software/tcpip/subnetchart.html>

NEW QUESTION: 127

Joe, a customer, wants to implement backup of his replicated VMs so production performance is not affected at the primary site.

Which of the following backup methods would be the MOST appropriate?

- A. Agent-based backup at the primary site
- B. Mirroring to a third site from the primary site
- C. Snapshot-based backup at the secondary site
- D. Agent-based backup at the secondary site

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 128

Which of the following service models would be used for a database in the cloud?

- A. PaaS
- B. IaaS
- C. CaaS
- D. SaaS

Answer: D ([LEAVE A REPLY](#))

<https://theappsolutions.com/blog/cloud/cloud-service-models/>

NEW QUESTION: 129

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 130

After deploying new VMs, the systems administrator notices it is not possible to connect to them using network credentials; however, local accounts work. After logging in, the administrator notices the NTP servers are not set. Which of the following is MOST likely causing this issue?

- A. Directory services requires the use of NTP servers.
- B. The VMs are insufficiently licensed.

- C. There is a time synchronization issue.
- D. There is a directory services outage.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 131

An administrator needs to back up all the data from each VM daily while also saving space. Which of the following backup types will BEST fit this scenario?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 132

A systems administrator has migrated an internal application to a public cloud. The new web server is running under a TLS connection and has the same TLS certificate as the internal application that is deployed. However, the IT department reports that only internal users who are using new versions of the OSs are able to load the application home page.

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

- A. The cloud web server is using strong ciphers that are not supported by older browsers
- B. The local firewall from older OSs is not allowing inbound connections
- C. The cloud web server is using a self-signed certificate that is not supported by older browsers
- D. The local firewall from older OSs is not allowing outbound connections

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 133

Since the hypervisors were upgraded to the latest version, each new deployment results in an error being displayed at the orchestrator. To troubleshoot the issue, which of the following should be done FIRST?

- A. Upgrade the orchestrator to the latest version
- B. Upgrade the VMs to the latest version
- C. Confirm the compatibility matrix
- D. Verify the domain account is not locked

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 134

Which of the following is an authentication protocol that uses a ticket-based system for access control?

- A. Kerberos
- B. WPA2
- C. Ciphers

D. PKI

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 135

A systems administrator needs to configure SSO authentication in a hybrid cloud environment. Which of the following is the BEST technique to use?

- A. Access controls
- B. Federation
- C. Multifactor authentication
- D. Certificate authentication

Answer: C ([LEAVE A REPLY](#))

<https://techbeacon.com/security/how-get-single-sign-right-todays-hybrid-it-environments>

NEW QUESTION: 136

Several suspicious emails are being reported from end users. Organizational email is hosted by a SaaS provider. Upon investigation, the URL in the email links to a phishing site where users are prompted to enter their domain credentials to reset their passwords. Which of the following should the cloud administrator do to protect potential account compromise?

- A. Change the encryption key for the entire organization and lock out all users from using email until the issue is remediated.
- B. Notify users who received the email to reset their passwords regardless of whether they click on the URL.
- C. Click on the URL link to verify the website and enter false domain credentials.
- D. Forward the email to the systems team distribution list and provide the compromised user list.

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 137

A company that utilizes an IaaS service provider has contracted with a vendor to perform a penetration test on its environment. The vendor is able to exploit the virtualization layer and obtain access to other instances within the cloud provider's environment that do not belong to the company.

Which of the following BEST describes this attack?

- A. Buffer overflow
- B. Directory traversal
- C. Heap spraying
- D. VM escape

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 138

Which of the following should be considered for capacity planning?

- A. Requirements, licensing, and trend analysis
- B. Hypervisors and scalability
- C. Laws and regulations
- D. Regions, clusters, and containers

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 139

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. Confirm enterprise tape library is functional
- C. Request offsite backup tapes
- D. Verify replication is enabled

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 140

Which of the following is a benefit of virtualization in a cloud environment?

- A. Decrease in the time to implement certain services
- B. Decrease in the scalability of services
- C. Decrease in the amount of resource pooling for services
- D. Increase in the time to service for certain services

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 141

A private IaaS administrator is receiving reports that all newly provisioned Linux VMs are running an earlier version of the OS than they should be. The administrator reviews the automation scripts to troubleshoot the issue and determines the scripts ran successfully. Which of the following is the MOST likely cause of the issue?

- A. Misconfigured script account
- B. Incorrect provisioning script indentation
- C. Wrong template selection
- D. API version incompatibility

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 142

A systems administrator is deploying a GPU-accelerated VDI solution. Upon requests from several users, the administrator installs an older version of the OS on their virtual workstations. The majority of the VMs run the latest LTS version of the OS.

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

- A. Alternative community drivers
- B. Legacy drivers
- C. The latest drivers from the vendor's website
- D. The drivers from the OS repository

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 143

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 144

A systems administrator needs to configure monitoring for a private cloud environment. The administrator has decided to use SNMP for this task.

Which of the following ports should the administrator open on the monitoring server's firewall?

- A. 53
- B. 123
- C. 139
- D. 161

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 145

A cloud administrator recently deployed an update to the network drivers of several servers.

Following the update, one of the servers no longer responds to remote login requests. The cloud administrator investigates the issue and gathers the following information:

The cloud management console shows the VM is running and the CPU and memory utilization is at or near 0%.

The cloud management console does not show an IP address for that server.

A DNS lookup shows the hostname resolves to an IP address.

The server is a member of the same security group as the others.

The cloud administrator is able to log in remotely to the other servers without issue.

Which of the following is the MOST likely cause of the server being unavailable?

- A. The ACL policy for the server was updated as part of the server reboot, preventing login access.
- B. The update caused an increase in the output to the logs, and the server is too busy to respond.
- C. The network driver updates did not apply successfully, and the interface is in a down state.
- D. The server was assigned a new IP address, and DNS entry for the server name was not updated.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 146

A web server has been deployed in a public IaaS provider and has been assigned the public IP address of 72.135.10.100. Users are now reporting that when they browse to the website, they receive a message indicating the service is unavailable. The cloud administrator logs into the server, runs a netstat command, and notices the following relevant output:

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

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

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 147

An upgrade to a web application, which supports 400 users at four sites, is being tested. The application runs on four servers behind a load balancer.

The following test plan is proposed:

- Have 50 users from site A connect to server 1
- Have 50 users from site B connect to server 2
- Have 50 users from site C connect to server 3
- Have 50 users from site D connect to server 4

Which of the following parameters is being properly tested by this plan?

- A. Connectivity
- B. Sizing
- C. High availability
- D. Performance

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 148

A systems administrator adds servers to a round-robin, load-balanced pool, and then starts receiving reports of the website being intermittently unavailable. Which of the following is the MOST likely cause of the issue?

- A. There are time synchronization issues.
- B. New web nodes are not operational.
- C. The load balancer is being overwhelmed.
- D. The API version is incompatible.
- E. The network is being saturated.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 149

A company is planning to migrate applications to a public cloud, and the Chief Information Officer (CIO) would like to know the cost per business unit for the applications in the cloud. Before the migration, which of the following should the administrator implement FIRST to assist with reporting the cost for each business unit?

- A. An SLA report
- B. Tagging
- C. Quotas
- D. Showback

Answer: D ([LEAVE A REPLY](#))

[https://www.linkedin.com/pulse/cloud-showback-critical-piece-enterprise-governance-how-gowda-
/](https://www.linkedin.com/pulse/cloud-showback-critical-piece-enterprise-governance-how-gowda/)

NEW QUESTION: 150

A marketing team is using a SaaS-based service to send emails to large groups of potential customers. The internally managed CRM system is configured to generate a list of target customers automatically on a weekly basis, and then use that list to send emails to each customer as part of a marketing campaign. Last week, the first email campaign sent emails successfully to 3,000 potential customers. This week, the email campaign attempted to send out 50,000 emails, but only 10,000 were sent.

Which of the following is the MOST likely reason for not sending all the emails?

- A. Misconfigured auto-scaling
- B. Bandwidth limitation
- C. API request limit
- D. Incorrect billing account

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 151

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

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 152

A hospital is leveraging a third-party-hosted, SaaS-based EMRS for all its regional locations. The EMRS will consolidate all existent stand-alone regional systems. All regional systems managers are concerned about the new system availability. Which of the following should the new EMRS architect do to address the manager's concerns?

- A. Analyze and communicate to regional managers that dual service providers will be used at all regional locations.
- B. Analyze business requirements and design the new EMRS to run the most popular IaaS provider that meets the health industry's needs.
- C. Analyze business requirements, and design and deploy client-to-site VPN for all regional hospital staff with two-factor authentication or a client certificate.
- D. Analyze business requirements and deploy the SaaS EMRS within the hospital's headquarters and create a client-to-site VPN from each region.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 153

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

- A. Network peering
- B. A CDN solution
- C. A SDN solution
- D. An IPAM solution

Answer: D ([LEAVE A REPLY](#))

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

NEW QUESTION: 154

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 155

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

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

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 156

A company has decided to replace hypervisors to reduce licensing costs. An administrator has been tasked with migrating VMs to the new hypervisor. Which of the following migration types will be used?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 157

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. Manual online
- B. Manual offline

- C. Automated online
- D. Automated offline

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 158

A company provides IaaS services. Which of the following disk provisioning models for creating standard template should the company use to provision virtual instances?

- A. SCSI disk
- B. Thick disk
- C. SATA disk
- D. Thin disk

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 159

A systems administrator is using VMs to deploy a new solution that contains a number of application VMs.

Which of the following would provide high availability to the application environment in case of hypervisor failure?

- A. Anti-affinity rules
- B. Cold migration
- C. Live migration
- D. Affinity rules

Answer: A ([LEAVE A REPLY](#))

Reference:

<https://www.vmware.com/products/vsphere/high-availability.html>

NEW QUESTION: 160

Which of the following is the BEST example of IaaS?

- A. Hardware and software is owned, hosted, and managed by the third party.
- B. Hardware is owned by the user, and managed and hosted by the third party.
- C. Hardware is owned and managed by the user and hosted by a third party.
- D. Hardware is owned, hosted, and managed by a third party.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 161

An administrator needs to monitor server applications in the company's data center. Which of the following tools would the administrator need to accomplish this objective?

- A. SNMP
- B. SMTP
- C. IPMI
- D. SMS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 162

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 163

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 164

A company has decided to get multiple compliance and security certifications for its public cloud environment. However, the company has few staff members to handle the extra workload, and it has limited knowledge of the current infrastructure.

Which of the following will help the company meet the compliance requirements as quickly as possible?

- A. CASB
- B. NAC
- C. FIM
- D. DLP

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 165

A systems administrator has finished installing monthly updates to servers in a cloud environment. The administrator notices certain portions of the playbooks are no longer functioning. Executing the playbook commands manually on a server does not work as well. There are no other reports of issues.

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

- A. Patching failure
- B. Service overload
- C. Change management failure
- D. Job validation issues
- E. Deprecated features

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 166

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: B,D ([LEAVE A REPLY](#))

SAML assertion pulls login information and passes it through the Identity provider to access other organizations/applications.

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NEW QUESTION: 167

Which of the following is the BEST way to ensure accounts in a cloud environment are disabled as soon as they no longer need to be active?

- A. Have the user contact the cloud systems administrator to disable the account when it is no longer needed.
- B. Have accounts checked by the cloud systems administrator once per day to ensure active accounts are still valid.
- C. Reboot directory services servers once a day to ensure all account disablement requests are committed.
- D. When users leave the company, ensure an account disablement request is initiated and will be fulfilled in less than four hours.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 168

A hypervisor that prevents vendor lock-in is:

- A. an open source hypervisor.
- B. a proprietary hypervisor.
- C. an integrated hypervisor.
- D. a framework hypervisor.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 169

A business is planning to migrate from a private cloud to a public cloud. To document business continuity, which of the following should be done FIRST?

- A. Identify HA technology to provide failover.
- B. Define the set of application-based SLAs.
- C. Develop a disaster recovery plan with partners/third parties.
- D. Define the scope of requirements.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 170

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

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 171

An administrator needs to deploy a new release of an application in a way that allows a quick rollback to the previous version of the application. Which of the following is the BEST strategy to apply?

- A. Deploy the application to a subset of servers that expose the new application. Direct all traffic to these servers. If a rollback is necessary, redirect all traffic to the previous subset of servers.
- B. Deploy the application to the servers in a backup datacenter or secondary cloud deployment.

Shut down the servers in the primary datacenter, forcing all traffic to the failover location. If a rollback is necessary, restart the primary environment and shut down the secondary environment.

C. Deploy the application to a set of servers in small batches. If a rollback is necessary, restore the previous deployment from snapshots or backups.

D. Deploy the application to all servers in the datacenter or cloud environment. If a rollback is necessary, undeploy the application and deploy the previous version.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 172

A company hosts its server in a public IaaS cloud. The company's management decides to migrate the servers to a different geographical region that is closer to the user base. A cloud administrator creates a new environment in that geographical region. Which of the following is the BEST way to migrate the VM from the original geographic region to the new region?

A. 1. Create a VM image.

2. Export the VM image to the new region using vendor's tools.

3. Deploy a new VM based on the created image.

B. 1. Create a VM clone.

2. Copy the clone into the new region using FTP.

3. Apply the network and security groups from the new region to the cloned VM and start it.

C. 1. Create a full backup of the VM.

2. Copy the backup files into the new region using FTP.

3. Restore the VM from the backup files.

D. 1. Create a new VM in the new region.

2. Restore a full-system backup from the original VM.

3. Apply the network and security groups from the original region to the new VM.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 173

A global web-hosting company is concerned about the availability of its platform during an upcoming event. Web traffic is forecasted to increase substantially during the next week. The site contains mainly static content.

Which of the following solutions will assist with the increased workload?

A. DoH

B. WAF

C. IPS

D. CDN

Answer: **D** ([LEAVE A REPLY](#))

Reference:

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

NEW QUESTION: 174

A systems administrator for an e-commerce company will be migrating the company's main website to a cloud provider. The principal requirement is that the website must be highly available.

Which of the following will BEST address this requirement?

- A. Vertical scaling
- B. A server cluster
- C. Redundant switches
- D. A next-generation firewall

Answer: A (LEAVE A REPLY)

A company would like to migrate its current on-premises workloads to the public cloud. The current platform requires at least 80 instances running at all times to work properly. The company wants the workload to be highly available, even if the cloud provider loses one region due to a catastrophe, and the costs to be kept to a minimum. Which of the following strategies should the company implement?

NEW QUESTION: 175

Due to a policy change, a few of a customer's application VMs have been migrated to synchronously replicated storage. The customer now reports that performance is lower. The systems administrator checks the resource usage and discovers CPU utilization is at 60% and available memory is at 30%.

Which of the following is the MOST likely cause?

- A. The memory of the VM is underallocated
- B. The application is not compatible with the new settings
- C. There is not enough vCPU assigned
- D. The new configuration is adding latency

Answer: B (LEAVE A REPLY)

NEW QUESTION: 176

A systems administrator is using VMs to deploy a new solution that contains a number of application VMs.

Which of the following would provide high availability to the application environment in case of hypervisor failure?

- A. Anti-affinity rules
- B. Live migration
- C. Cold migration
- D. Affinity rules

Answer: (SHOW ANSWER)

NEW QUESTION: 177

A cloud administrator has deployed a new VM. The VM cannot access the Internet or the VMs on any other subnet. The administrator runs a network command and sees the following output:

```
IPv4 Address. . . . . 172.16.31.38
Subnet Mask. . . . . 255.255.255.224
Default Gateway. . . . . 172.16.31.254
```

The new VM can access another VM at 172.16.31.39. The administrator has verified the IP address is correct. Which of the following is the MOST likely cause of the connectivity issue?

- A. A missing static route
- B. The wrong gateway
- C. Firewall issues
- D. A duplicate IP on the network

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 178

A vendor is installing a new retail store management application for a customer. The application license ensures software costs are low when the application is not being used, but costs go up when use is higher.

Which of the following licensing models is MOST likely being used?

- A. Core-based
- B. Subscription
- C. Socket-based
- D. Volume-based

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 179

An organization's web server farm, which is hosted in the cloud with DNS load balancing, is experiencing a spike in network traffic. This has caused an outage of the organization's web server infrastructure.

Which of the following should be implemented to prevent this in the future as a mitigation method?

- A. Deploy a vADC appliance
- B. Enable DLP
- C. Configure microsegmentation
- D. Enable DNSSEC

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 180

A company has a cloud infrastructure service, and the cloud architect needs to set up a DR site. Which of the following should be configured in between the cloud environment and the DR site?

- A. Replication
- B. Zoning
- C. Fallback
- D. Playbook

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 181

A cloud administrator is securing data-at-rest and data-in-transit featured on an IaaS cloud platform. The volume to be secured is mounted storage from the same region and availability zone. The data is transferred via FTP to another Linux server in a secure manner in another availability zone, with the same data-at-rest requirements. Given this scenario, which of the following security tools, services, and/or protocols would satisfy these requirements in the MOST secure manner? (Choose three.)

- A. Ensure AES encryption is enabled.
- B. Ensure SSHv2 remote connection protocol is enabled.
- C. Ensure SSLv3 transport protocol is enabled.
- D. Ensure TLSv1.2 transport protocol is enabled.
- E. Ensure MD5 hashing is enabled.
- F. Ensure 3DES encryption is enabled.
- G. Ensure SSHv1 remote connection protocol is enabled.

Answer: A,B,D ([LEAVE A REPLY](#))

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NEW QUESTION: 182

A cloud administrator set up a link between the private and public cloud through a VPN tunnel. As part of the migration, a large set of files will be copied. Which of the following network ports are required from a security perspective?

- A. 25, 123, 443
- B. 137, 139, 445
- C. 22, 53, 445
- D. 22, 443, 445

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 183

A Big Data analytics company wants to ensure its data is protected at rest. Which of the following is the BEST hardware-based solution?

- A. Tokenization

- B. LUN masking
- C. Deduplication
- D. Self-encrypting disk

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 184

A systems administrator is configuring a storage array.

Which of the following should the administrator configure to set up mirroring on this array?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

Answer: ([SHOW ANSWER](#))

<https://www.enterprisestorageforum.com/storage-management/raid-levels.html>

NEW QUESTION: 185

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 186

In an IaaS model, to which of the following methodologies would the client apply a list of OS patches, assuming approval from CAB has been given?

- A. Using a patch management system, identify the services that require patching, and select and apply the patches.
- B. Using a patch management system, identify the hypervisor type, select a group of hypervisors to be patched, and perform a rolling application of patches.
- C. Using a patch management system, identify the applications needing the patch, select the required application in a patch management console, and apply the patches.
- D. Using a patch management system, identify the guests that require patching, and select and apply the patches.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 187

An organization is hosting a cloud-based web server infrastructure that provides web-hosting solutions. Sudden continuous bursts of traffic have caused the web servers to saturate CPU and network utilizations.

Which of the following should be implemented to prevent such disruptive traffic from reaching the web servers?

- A. Solutions to perform NAC and DLP
- B. DDoS protection
- C. QoS on the network
- D. A solution to achieve microsegmentation

Answer: ([SHOW ANSWER](#))

<https://blog.paessler.com/the-top-5-causes-of-sudden-network-spikes>

NEW QUESTION: 188

A technician receives a report of system utilization:

	Current %	Past 30 days %	Past 60 days %	Past 90 days %
CPU	30	26	45	22
RAM	75	55	45	35
Disk	80	80	80	80
Bandwidth	70	75	80	85

Which of the following additional resources should the technician add FIRST given the trend data shown above?

- A. CPU
- B. Disk
- C. Bandwidth
- D. RAM

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 189

When is chargeback, when using private cloud infrastructure in a large company, helpful to an organization?

- A. When the company wants to charge the service provider for unused resources.
- B. When the company wants to allocate cost to a specific department.
- C. When the company needs to capitalize their cloud computing costs
- D. When the company needs a line of credit for a set amount of resources short term.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 190

A database analyst reports it takes two hours to perform a scheduled job after onboarding 10,000 new users to the system. The analyst made no changes to the scheduled job before or after onboarding the users. The database is hosted in an IaaS instance on a cloud provider. Which of the following should the cloud administrator evaluate to troubleshoot the performance of the job?

- A. The scheduled job logs for successes and failures, the time taken to execute the job, and the job schedule
- B. Migrating from IaaS to on-premises, the network traffic between on-premises users and the IaaS instance, and the CPU utilization of the hypervisor host
- C. The hypervisor logs, the memory utilization of the hypervisor host, and the network throughput of the hypervisor
- D. The IaaS compute configurations, the capacity trend analysis reports, and the storage IOPS

Answer: (SHOW ANSWER)

NEW QUESTION: 191

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 data

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 192

Given the metric below:

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

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

- A. Disk latency
- B. WAN latency
- C. CPU utilization
- D. RAM utilization

Answer: D (LEAVE A REPLY)

NEW QUESTION: 193

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

- A. PaaS
- B. IaaS

C. CaaS

D. XaaS

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 194

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

Answer: D,F,G ([LEAVE A REPLY](#))

NEW QUESTION: 195

A cloud administrator is troubleshooting a highly available web application running within three containers behind a Layer 7 load balancer with a WAF inspecting all traffic. The application frequently asks the users to log in again even when the session timeout has not been reached. Which of the following should the cloud administrator configure to solve this issue?

- A. Load balancer stickiness
- B. Firewall outbound rules
- C. WAF transaction throttling
- D. Load balancer certificates
- E. Firewall inbound rules

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 196

A cloud service administrator is consuming PaaS services and is performing baseline configuration tests. Which of the following is part of the PaaS consumer's responsibility with respect to the baseline confirmation tests?

- A. CPU utilization

- B. Operating system versions
- C. RAM utilization
- D. Application versions

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 197

It is taking an unusually long time for a financial division to run monthly reports on its SaaS-based, multitenant application. The cloud provider has grown exponentially, and more financial industry clients have moved their processing to the SaaS provider.

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

- A. Some of the new tenants are not from the financial industry and are causing data integrity issues.
- B. The SSL certificate used by the SaaS provider has expired and is no longer valid.
- C. The CSP did not keep up with the growth and the appropriate supporting infrastructure.
- D. The licensing limit has been exceeded on the SaaS-based, multitenant application server.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 198

An administrator is securing a private cloud environment and wants to ensure only approved systems can connect to switches. Which of the following would be MOST useful to accomplish this task?

- A. NIPS
- B. NAC
- C. WAF
- D. VLAN

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 199

A systems administrator wants the VMs on the hypervisor to share CPU resources on the same core when feasible.

Which of the following will BEST achieve this goal?

- A. Oversubscribe CPU resources

- B. Switch from a Type 1 to a Type 2 hypervisor
- C. Configure CPU passthrough
- D. Increase instructions per cycle
- E. Enable simultaneous multithreading

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 200

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 201

A cloud administrator is troubleshooting a network issue that was raised after the introduction of a CASB solution. The administrator attempts different ideas during troubleshooting but is unable to resolve the issue. In which of the following steps of the troubleshooting process is the administrator experiencing an issue?

- A. Identifying the problem
- B. Establishing a theory of probable cause
- C. Testing the theory to determine the cause
- D. Documenting the findings and actions

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 202

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. RDP
- C. SSH
- D. Console port

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 203

Implementing a process in a change management system takes place after:

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 204

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

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 205

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 206

An administrator is creating new servers in a public cloud. The workflow creates an application group with three VMs, one web server, one application server and one database server. The three VMs are all accessible via SSH, but the website shows a 503-error referring to a database issue.

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

- A. Misconfigured proxy
- B. Misconfigure routing
- C. Misconfigured VLAN
- D. Misconfigured firewall rule

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 207

A system administrator supports an application in the cloud, which includes a restful API that receives an encrypted message that is passed to a calculator system. The administrator needs to ensure the proper function of the API using a new automation tool. Which of the following techniques would be BEST for the administrator to use to accomplish this requirement?

- A. Performance testing
- B. Integration testing
- C. Unit testing
- D. Functional testing

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 208

A consultant is helping a gaming-as-a-service company set up a new cloud. The company recently bought several graphic card that need to be added to the servers. Which of the following should the consultant suggest as the MOST cost effective?

- A. Public
- B. Private
- C. Community
- D. SaaS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 209

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 210

A technician is trying to delete six decommissioned VMs. Four VMs were deleted without issue. However, two of the VMs cannot be deleted due to an error. Which of the following would MOST likely enable the technician to delete the VMs?

- A. Remove the lock from the two VMs
- B. Remove the snapshots
- C. Remove the VMs from the resource group
- D. Remove the VMs' IP addresses

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 211

Users of a public website that is hosted on a cloud platform are receiving a message indicating the connection is not secure when landing on the website. The administrator has found that only a single protocol is opened to the service and accessed through the URL

<https://www.comptiasite.com>. Which of the following would MOST likely resolve the issue?

- A. Upgrading the users' browser to the latest version
- B. Renewing the expired certificate
- C. Updating the web-server software
- D. Changing the crypto settings on the web server

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 212

Which of the following statements accurately describes the relationship between metadata and data in an object-based storage environment?

- A. Metadata replaces the object ID.
- B. The partition identifier contains all the child objects' metadata.
- C. Object-based storage does not rely on metadata.
- D. Metadata is stored with the data in an object and moves with it.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 213

Which of the following is a business reason for IT outsourcing and cloud computing?

- A. Improving customer satisfaction
- B. Decrease of security issues
- C. Increasing control over IT systems
- D. Improving cost structure

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 214

A company wants to ensure production data is not exposed during a functional and load testing exercise, as it will be the source of the data.

Which of the following techniques should the cloud administrator deploy to ensure testing requirements are met?

- A. Data Mirroring
- B. Data replication
- C. Data masking
- D. Data Deduplication

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 215

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 216

A network administrator is enabling SFTP. Which of the following ports should be open on the firewall?

- A. 22
- B. 80
- C. 443
- D. 21

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 217

A cloud solutions architect needs to determine the best strategy to deploy an application environment in production, given the following requirements:

No downtime

Instant switch to a new version using traffic control for all users

Which of the following deployment strategies would be the BEST solution?

- A. Blue-green
- B. Rolling
- C. Hot site
- D. Canary

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 218

A systems administrator is configuring network management but is concerned about confidentiality. Which of the following should the administrator configure to address this concern?

- A. SNMPv3
- B. Community strings
- C. ACLs
- D. IPSec tunnels

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 219

A systems administrator is troubleshooting a performance issue with a virtual database server. The administrator has identified the issue as being disk related and believes the cause is a lack of IOPS on the existing spinning disk storage. Which of the following should the administrator do NEXT to resolve this issue?

- A. Upgrade the virtual database server.
- B. Document the findings and place them in a shared knowledge base.
- C. Move the virtual machine to flash storage and test again.
- D. Check if other machines on the same storage are having issues.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 220

Company A has acquired Company B and is in the process of integrating their cloud resources. Company B needs access to Company A's cloud resources while retaining its IAM solution. Which of the following should be implemented?

- A. Multifactor authentication
- B. Single sign-on
- C. Identity federation
- D. Directory service

Answer: C ([LEAVE A REPLY](#))

<https://medium.com/@dinika.15/identity-federation-a-brief-introduction-f2f823f8795a>

NEW QUESTION: 221

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 has an incorrect WWN.
- C. The VM does not have jumbo frames enabled.
- D. The VM is not in the LUN masking configuration.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 222

A cloud administrator is reviewing the authentication and authorization mechanism implemented within the cloud environment. Upon review, the administrator discovers the sales group is part of the finance group, and the sales team members can access the financial application. Single sign-on is also implemented, which makes access much easier.

Which of the following access control rules should be changed?

- A. Discretionary-based
- B. Attribute-based
- C. Mandatory-based
- D. Role-based

Answer: D ([LEAVE A REPLY](#))

<https://www.ekransystem.com/en/blog/rbac-vs-abac>

NEW QUESTION: 223

An entertainment company with a very large movie library is moving all of its production systems to an IaaS cloud. The current lease is expiring in the next month, and the company made a last-minute decision not to renew the lease.

Which of the following would be the MOST effective way to move all the data to the new cloud provider?

- A. Perform an online VM migration.
- B. Perform an offline VM migration.
- C. Perform an offline storage migration.
- D. Perform an online storage migration.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 224

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 225

A systems administrator is helping to develop a disaster recovery solution. The solution must ensure all production capabilities are available within two hours. Which of the following will BEST meet this requirement?

- A. A warm site
- B. A backup site
- C. A cold site
- D. A hot site

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 226

A cloud administrator is adding several accounts for new development team interns. These interns will need access to some, but not all, of the resources and will only be working over the summer. Which of the following user provisioning techniques should be used?

- A.** Create one template user account with the appropriate permissions and use it to clone the other accounts. Set an expiration date for each account individually.
- B.** Create individual accounts for each intern, set the permissions and expiration date for each account, and link them to a temporary guests user group.
- C.** Create a single account for the interns to share. Set the expiration date for the account to six months.
- D.** Create a role labeled "interns" with the appropriate permissions. Create a separate account with an expiration date for each intern and add each intern to that role.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 227

Which of the following describes a cloud service provider's availability goals and redundancy architecture?

- A.** Business continuity plan
- B.** Technical design document
- C.** DRP
- D.** BIA

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 228

A company recently subscribed to a SaaS collaboration service for its business users. The company also has an on-premises collaboration solution and would like users to have a seamless experience regardless of the collaboration solution being used. Which of the following should the administrator implement?

- A.** SSO
- B.** WAF

C. LDAP

D. VDI

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 229

Which of the following must be implemented by a cloud provider to ensure that different entities can authenticate and share basic user accounting information?

A. Scalability

B. Federation

C. Self service

D. Virtualization

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 230

A cloud administrator has built a new private cloud environment and needs to monitor all computer, storage, and network components of the environment.

Which of the following protocols would be MOST useful for this task?

A. SFTP

B. SCP

C. SMTP

D. SNMP

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 231

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. P2V

B. V2P

C. V2V

D. P2P

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 232

Fault tolerant design allows a host to overcome a single HBA failure through:

A. clustering

B. UTA pairing

C. multipathing

D. NIC teaming

Answer: A ([LEAVE A REPLY](#))

<http://www.ques10.com/p/2619/write-short-note-on-failure-analysis/>

NEW QUESTION: 233

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. SaaS, as the cloud provider has less security responsibility
- C. PaaS, as the cloud customer has the most security responsibility
- D. IaaS, as the cloud provider has a minimal level of security responsibility

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 234

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. Hyperthreading
- C. Process scheduling
- D. Thin-provisioned model

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 235

An organization is implementing a new requirement to facilitate users with faster downloads of corporate application content. At the same time, the organization is also expanding cloud regions. Which of the following would be suitable to optimize the network for this requirement?

- A. Implement auto-scaling of the compute resources
- B. Implement SR-IOV on the server instances
- C. Implement an application container solution
- D. Implement CDN for overall cloud application

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 236

A systems administrator is deploying a VM and would like to minimize storage utilization by ensuring the VM uses only the storage if needs. Which of the following will BEST achieve this goal?

- A. Compression
- B. Thin provisioning
- C. Deduplication
- D. RAID

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 237

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

Which of the following is the MOST appropriate solution?

- A. Containers
- B. Software-defined storage
- C. File subscriptions
- D. Ballooning

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 238

Which of the following cloud services would MOST likely be selected by a software development company that needs a cloud in which to develop software and does not have infrastructure requirements?

- A. IaaS
- B. PaaS
- C. SaaS
- D. XaaS

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 239

After analyzing a web server's logs, a systems administrator sees that users are connecting to the company's application through HTTP instead of HTTPS. The administrator then configures a redirect from HTTP to HTTPS on the web server, and the application responds with a connection time-out message.

Which of the following should the administrator verify NEXT?

- A. The TLS certificate
- B. The firewall rules
- C. The concurrent connection limit
- D. The folder permissions

Answer: A ([LEAVE A REPLY](#))

Reference:

<https://www.ionos.com/digitalguide/hosting/technical-matters/http-408-how-to-fix-the-request-timeout-error/>

NEW QUESTION: 240

Which of the following is the MOST mission critical for an IaaS provider?

- A. Hypervisors
- B. Infrastructure dashboard
- C. Billing application
- D. Central authentication

Answer: A (LEAVE A REPLY)

NEW QUESTION: 241

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. Each host only has two links to the network, and they are becoming saturated.
- B. The network only has 4Gbps HBAs when all cloud networks should be using 10Gbps.
- C. The number of VMs using 1Pv4 is causing the network to crash.
- D. There are too many devices broadcasting on the subnet.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 242

A company is utilizing a private cloud solution that is hosted within its datacenter. The company wants to launch a new business application, which requires the resources below:

Maximum concurrent sessions	Number of nodes required	Required per-node vCPU	Required per-node RAM
1,000	2	4	32
5,000	4	6	64
10,000	6	8	64
25,000	8	8	128

The current private cloud has 30 vCPUs and 512GB RAM available. The company is looking for a quick solution to launch this application, with expected maximum sessions to be close to 24,000 at launch and an average of approximately 5,000 sessions.

Which of the following solutions would help the company accommodate the new workload in the SHORTEST amount of time and with the maximum financial benefits?

- A. Configure auto-scaling within the private cloud
- B. Add more capacity to the private cloud
- C. Set up cloud bursting for the additional resources
- D. Migrate all workloads to a public cloud provider

Answer: (SHOW ANSWER)

NEW QUESTION: 243

The following three hosts are being put into a virtualization cluster for a new project initiative:

	CPU Cores	CPU Clock Speed	Memory
Host 1	24	2GHz	256GB
Host 2	12	2GHz	256GB
Host 3	12	2GHz	256GB

As more VMs are deployed to the cluster, which of the following virtualization technologies is MOST likely to report an error with this configuration?

- A. Hyperthreading
- B. High availability
- C. Ballooning
- D. Memory overcommitment

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 244

The security team for a large corporation is investigating a data breach. The team members are all trying to do the same tasks but are interfering with each other's work.

Which of the following did the team MOST likely forget to implement?

- A. Change management
- B. Incident type categories
- C. A calling tree
- D. Roles and responsibilities

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 245

An organization requires the following to be achieved between the finance and marketing departments:

Allow HTTPS/HTTP.

Disable FTP and SMB traffic.

Which of the following is the MOST suitable method to meet the requirements?

- A. Implement 802.1X in these VLANs
- B. Configure an ACL between the VLANs
- C. Configure on-demand routing between the VLANs
- D. Implement an ADC solution to load balance the VLAN traffic

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 246

A VM was successfully tested in a lab environment. As part of the deployment preparation, the image needs to be backed up for use in the multi-rollout accompanied by orchestration templates.

Which of the following should be used to create the image?

- A. Replica
- B. Clone
- C. Snapshot
- D. Full

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 247

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 248

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

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

Answer: A,F ([LEAVE A REPLY](#))

NEW QUESTION: 249

A cloud administrator has deployed a new web application to a private cloud. The application platform consists of two web servers that communicate to a redundant database back end. The traffic to the web servers is directed by a load balancer appliance. The administrator connects to the website on each of the web servers individually and confirms they are able to log in.

Which of the following aspects of the application has the administrator tested successfully?

- A. Performance
- B. Connectivity
- C. Data Integrity
- D. Failover

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 250

An SQL injection vulnerability was reported on a web application, and the cloud platform team needs to mitigate the vulnerability while it is corrected by the development team.

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

- A. HIDS
- B. WAF
- C. NAC
- D. DLP

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 251

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 252

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 253

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 254

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

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

Answer: A,C ([LEAVE A REPLY](#))

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