3V0-21.21 Dumps

Advanced Design VMware vSphere 7.x

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NEW QUESTION 1
The Chief Information Security Officer (CISO) for an organization is concerned about the security posture of the operating system images that are used for the provisioning of their Software-as-a-Service (SaaS) applications. The organization is in a growth period. The organization is opening a new data center to launch its next phase of new SaaS-based solutions.
The DevOps team currently creates encrypted virtual machine (VM) templates that are used for various operating systems and adds these to the vSphere inventory. The DevOps team already uses a published content library and has been granted a role with the ability to add and delete library items.
The following requirements have been noted:

 Impacts to the DevOps team's operational processes must be kept to a minimum.
 The DevOps team must be able to regularly check out a copy of the image for updates and check in a new version of the image.
 Images must be synchronized from the primary data center to the new data center.
Which three recommendations should the architect make to design a content library solution that will meet these requirements? (Choose three.)

A. Clone virtual machines as VM templates to the published content library
B. Create a subscribed library from the published library and synchronize Open Virtualization Format (OVF) templates on-demand
C. Create a subscription and publish VM templates to a subscribed content library
D. Create a subscribed library from the published library and synchronize Open Virtualization Format (OVF) templates automatically
E. Clone virtual machines as Open Virtualization Format (OVF) templates to the published content library
F. Update the role for the DevOps team with new privileges

Answer: BEF

NEW QUESTION 2
An architect is designing a vSphere environment for a customer and learns that the customer has:
 A single vSphere cluster
 Two storage arrays with different RAID capabilities
Which two design decisions should the architect make to maximize data availability and data performance for this customer? (Choose two.)

A. Use Storage DRS.
B. Use VMDK anti-affinity rules.
C. Use multiple datastores for heartbeat.
D. Use a minimum of three storage arrays.
E. Use VM to host DRS rules.

Answer: AC

NEW QUESTION 3
An architect is reviewing a physical storage design. The customer has specified that storage DRS will be used for ease of operational management for capacity and performance.
Which recommendation should the architect include in the design?

A. Create smaller datastores to balance space with Storage DRS
B. Use a larger number of storage profiles (varied disk speeds and RAID levels) to improve performance
C. Create larger datastores to balance space with Storage DRS
D. Create more datastores within each Storage DRS cluster to balance space and performance

Answer: D

NEW QUESTION 4
An organization's existing vSphere environments are configured for Enhanced Linked Mode. The DevOps team automates the creation of hardened virtual machine images for various operating systems. Their continuous integration/continuous delivery (CI/CD) pipeline runs a task at the end of a successful build, which uploads the Open Virtualization Format (OV) image to a sandbox content library, deploys a virtual machine from the image, and then destroys these objects after quality checks are complete.
The following requirements have been noted:

 All content libraries and images must be centrally created and managed.
 All images must be capable of being updated.
 All images must be refreshed and available to subscribed libraries within 24 hours.
 All images must provide details of the image contents and versions.
All images must be capable of being reverted to a previous version.
 All images must be capable of having the hardware and guest operating system customized during deployment.
Which three recommendations should the architect make to design a content library solution that will meet these requirements? (Choose three.)

A. Create a local content library in the primary vSphere environment and enable publishing.
B. Create and publish a new subscription to a new subscriber library for each target vSphere environment.
C. Deploy the OVF images to vSphere and clone as an OVF template to a local content library.
D. Deploy the OVF images to vSphere and clone as a VM template to a local content library.
E. Edit the Auto Sync Refresh Interval advanced setting for each subscribed library.
F. Add a new subscriber library from each vSphere environment.

Answer: ACF

NEW QUESTION 5
An architect is designing a new vSphere platform for a customer to meet the following requirements:
 The platform must be deployed into five physically separate sites.
 The sites are spread across multiple regions.
 Some sites require more than one vCenter Server.
 The platform must provide an administrator with the ability to access virtual infrastructure components across all sites from a single management tool instance.
Which single sign-on (SSO) design recommendation will meet these requirements?

A. Use an SSO domain across all vCenter Server instances
B. Use an SSO domain per region
C. Use an SSO domain per vCenter Server instance
D. Use an SSO domain per site

Answer: C

NEW QUESTION 6

An architect will be taking over control of a former Linux server fleet and repurposing the hardware into a new vSphere cluster. The current environment is already connected to the network but the hosts do not have any local disks. Since the fleet hardware is uniform, the architect can use a single ESXi image. All hosts within the cluster have the same CPU and memory capacity.
Which ESXi deployment method should the architect use?

A. Stateless cached vSphere Auto Deploy
B. Stateless vSphere Auto Deploy
C. Manual install of each ESXi host with an image from USB
D. Stateful vSphere Auto Deploy

Answer: B

NEW QUESTION 7
A customer is deploying a new cluster and wants to be able to patch and update two hosts in parallel. The cluster must be able to maintain N+1 resiliency across the remaining hosts while patching activities are performed. The current expected utilization of the platform requires a minimum of two hosts to support all of the virtual machines.
What is the minimum number of hosts the customer will require in the cluster in order to meet the required resiliency level?

A. Five
B. Six
C. Four
D. Seven

Answer: A

NEW QUESTION 8
Following a recent acquisition, the architect learns that both companies use vSphere on-premise and will need to combine the data centers into one. The acquired company's licenses will not be renewed for cost-savings related to the acquisition. All consumed vSphere licenses must have active support to support line-of-business operations. The merged environment must maintain 25% spare capacity. The architect has a small budget remaining unallocated for hardware.
The architect has calculated that the current vSphere environment can absorb the acquired company's virtual machines but the cluster will run at 90% memory utilization and at 50% CPU utilization.
Which design decision can the architect make to incorporate the new company's virtual machines into the combined vSphere environment?

A. Migrate the acquired company's virtual machines into the vSphere environment as it will currently fit.
B. Use the current budget to add memory to the cluster to increase each ESXi host's capacity and add the new virtual machines.
C. Purchase extra hosts to add to the cluster in anticipation of adding the acquired company's virtual machines.
D. Purchase new licenses for some of the acquired company's ESXi hosts and add them to the cluster to hold the acquired company's virtual machines.

Answer: B

NEW QUESTION 9
During a requirements gathering workshop, the customer's Chief Information Security Office (CISO) provides the following requirements that are pertinent to the design of a new vSphere environment:

 All operating system critical patches must be installed within 24 hours of release.
 All virtual machine templates must be updated every three months in line with company policy.
Which requirement classification is being gathered for the design documentation?

A. Security
B. Manageability
C. Recoverability
D. Availability

Answer: A

Explanation:
This is lifecycle management function. The requirement is system critical patches, not system security patches.

NEW QUESTION 10
An architect is designing a new vSphere environment to meet the following requirements:
 The environment must support 5,000 virtual machines.
 The environment will be built initially using 350 hosts.
Which vCenter Server appliance deployment size should the architect specify for the design?

A. Large
B. Small
C. Tiny
D. Medium

Answer: A

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-077C7523-E0EA-492

NEW QUESTION 10
An architect makes the design decision to install ESXi on embedded and resilient 8 GB SD cards. What is the impact of this design decision?

A. Host profiles must be used for this kind of installation
B. Scratch partition would need to be created on the external storage
C. The size of the SD cards is too small and the installation will fail
D. The vSphere Auto Deploy feature must be enabled on vCenter Server

Answer: B

Explanation:
https://kb.vmware.com/s/article/2074026 You can store coredumps on the SD boot media, but refrain from configuring the scratch partition here as the logs are write intensive and can cause the SD card to fail faster resulting in re-installation of ESXi

NEW QUESTION 13
An architect is designing a new vSphere platform to meet a list of requirements from the security team. Which two requirements would be classified as non-functional requirements? (Choose two.)

A. Migration of virtual machines between hosts must be encrypted
B. Log information must be verbose to support incident resolution
C. Critical events generated within the platform must be logged to an external Syslog service
D. Data integrity must be ensured
E. A common content library must be maintained across all data centers

Answer: CD

NEW QUESTION 16
Refer to the exhibit.
During a requirements gathering workshop, the architect shares the following diagram:

What should the architect recommend for guaranteed throughput for each service?

A. Use explicit failover order with pNIC0 as Active for ESXi Management and VM Network Use explicit failover order with pNIC1 as Active for backup networkUse explicit failover order with pNIC2 as Active for vMotion Use explicit failover order with pNIC3 as Active for replication
B. Use the Route Based on IP Hash for ESXi management and VM network Use the Route Based on IP Hash for backup networkUse the Route Based on the Originating Virtual Port for vMotion Use failover with pNIC3 as Active for replication
C. Create a link aggregation group (LAG) for vDS_01Use the Route Based on Physical NIC Load for vMotion Use the Route Based on Physical NIC Load for replication
D. Use the Route Based on IP Hash for ESXi management and VM network Use failover with pNIC1 as Active for backup networkCreate a link aggregation group (LAG) for vDS_02

Answer: A

NEW QUESTION 21
During a requirements gathering workshop, the customer provides the following requirement:
 A new vSphere platform must be designed securely and all interfaces must be protected against potential snooping.
How should this non-functional security requirement be documented?

A. Interfaces must be audited.
B. Encrypted channels must be used for all communications.
C. Unauthorized access to interfaces must be reported within 15 minutes.
D. Communications must be through Private VLANs (PVLAN).

Answer: A

NEW QUESTION 24
An architect is tasked with designing a greenfield VMware software-defined data center (SDDC) solution that will be used to deliver a private cloud service for a customer.
During the initial meeting with the service owner and business sponsor, the customer has provided the following information to help inform the design:
 The solution must support the concurrent running of 1,000 virtual machines
 The production environment must be delivered across two geographically dispersed data centers All virtual machines must be capable of running in either data center.

The two data centers are currently connected to each other through a single but diversely routed, high bandwidth and low latency link.
The link between the two data centers is capable of supporting a round-trip time (RTT) of 150 ms The existing server hardware standard document states that all virtual infrastructure hosts must be deployed using vSAN ReadyNodes
The service owner has stated that it is critical to ensure the availability target of 99.9% All virtual machine backups must be completed using the existing backup service
The recovery time objective (RTO) for the service is five minutes
The recovery point objective (RPO) of the service is four hours
Which two elements represent risks to the successful delivery of this solution? (Choose two.)

A. The use of only two data centers
B. The network connectivity between data center sites
C. The use of vSAN ReadyNodes
D. The RTT on the link between the two data centers
E. The use of the existing backup service

Answer: DE

NEW QUESTION 25
An architect is designing an environment for a retail customer. The design will use a single small vCenter Server Appliance and a cluster of eight ESXi hosts at a remote site. There is a single 10 GbE connected network at the remote site to support all management services. It is not possible to create additional management networks at the remote site. Virtual machine backups at the site will be dependent on the vCenter Server being available.
Which design decision should the architect make to maximize availability for backups?

A. vCenter Server High Availability will be configured.
B. The vCenter Server Appliance will be protected with vSphere Fault Tolerance.
C. The cluster will be configured to use vSphere DRS in fully automated mode.
D. The cluster will be configured with vSphere HA and set to restart virtual machines based on guest operating system heartbeat monitoring.

Answer: C

NEW QUESTION 29

Asynchronous replication is required between two sites.

The impact on the storage layer should not impact the performance of the compute layer.

Each application tier will require different replication attributes.
Virtual machine live migration across compute and storage must be supported.
Virtual machine aware back up will be leveraged.
Operational management overhead should be minimized.
Operational automation should be supported.
Which storage design recommendations would meet the requirements?

A. Two new Fibre Channel storage arrays will be deployed, one at either site.Each application tier will be initially provisioned a new LU
B. Data replication will be offloaded to the new arrays.
C. Two new vSphere clusters enabled with vSAN will be deployed, one at either sit
D. vSAN will be used to provide policy-based management for each application tier.vSphere Replication will be used to replicate the virtual machine data in an asynchronous configuration.
E. Two new ISCSI storage arrays will be deployed, one at either site.Each application tier will be initially provisioned a new LU
F. Data replication will be offloaded to the new arrays.
G. Two new storage arrays will be deployed, one at either site.vSphere Volumes (vVOLs) will be used to provide policy-based management for each application tie
H. Data replication will be offloaded to the new arrays.

Answer: B

NEW QUESTION 34
During a requirements gathering workshop, the customer provides the following requirement that is pertinent to the design of a new vSphere environment:
The Maximum Tolerable Downtime (MTD) for all Tier 1 applications is one hour. Which requirement classification is being gathered for the design documentation?

A. Manageability
B. Performance
C. Availability
D. Recoverability

Answer: C

NEW QUESTION 35
During a requirements gathering workshop, the customer provides the following information:

Each host has 2 × 10 GbE NIC
EtherChannel is not currently configured
No changes can be made to the physical network
Network throughput must be prioritized for defined critical services
Which two recommendations should the architect make with regard to virtual networking? (Choose two.)

A. Use Route Based on Physical NIC Load.
B. Use Network I/O Control with Shares.
C. Use Network I/O Control with Reservation.
D. Use Link Aggregation Control Protocol (LACP).
E. Use Network I/O Control with Limits.

Answer: AD

NEW QUESTION 36
An architect is tasked with planning the design of a new vSphere environment. When commissioned, this environment will be used to migrate an existing set of virtual machines.
An inventory of the existing infrastructure, including configured vCPU, RAM and storage sizes has been provided.
In order for each virtual machine to be migrated, which two data sources with peak and average utilization data are required for sizing? (Choose two.)

A. %Ready
B. Disk Write latency
C. CPU
D. Ballooned memory
E. IOPS

Answer: BE

NEW QUESTION 41
A architect is designing a new VMware software-designed data center (SDDC) using vSphere 7 to meet the following requirements:
The SDDC must be deployed at two locations: primary and secondary.
vSphere Replication must be used to replicate virtual machines between the two locations.
Site Recovery Manager must be used to orchestrate disaster recovery (DR) activities.

One single-sign on (SSO) domain must be used to authenticate access at both locations. Which design decision should the architect make to meet these requirements?

A. A vCenter Server Appliance will be deployed to each sit
B. Unique SSO domains will be created per site.
C. A vCenter Server will be installed on Windows virtual machines deployed to both sites.
D. A vCenter Server Appliance will be deployed to each site.
E. A vCenter Server Appliance will be deployed to the primary site only.

Answer: D

NEW QUESTION 42
An architect is considering placement of virtual machines within an existing VMware software-defined data center (SDDC).
During the discovery phase, the following information is documented: Cluster One
 Six ESXi hosts
 vSphere HA with host failures cluster tolerates = 1
 Proactive HA is enabled and set to automated
 Fully Automated vSphere DRS
 Transparent Page Sharing (TPS) is enabled Cluster Two
 Eight ESXi hosts
 vSphere HA with host failures cluster tolerates = 1
 Proactive HA is disabled
 Partially Automated vSphere DRS
 Transparent Page Sharing (TPS) is disabled Cluster Three
 Three ESXi hosts
 vSphere HA with admission control is disabled
 Proactive HA is not supported
 Transparent Page Sharing (TPS) is disabled Virtual Machine Resource Profile 1
 Memory sharing techniques should not be used
Automated initial virtual machine placement
Virtual Machine Resource Profile 2
 Memory sharing techniques should not be used
 Virtual machines should be automatically restarted in the event of host failure regardless of available resources
 Automated initial virtual machine placement

Which two recommendations should the architect make for placement of the virtual machines to meet resource profile requirements? (Choose two.)

A. All virtual machines matching Virtual Machine Resource Profile 2 should be placed on Cluster One.
B. All virtual machines matching Virtual Machine Resource Profile 1 should be placed on Cluster One.
C. All virtual machines matching Virtual Machine Resource Profile 2 should be placed on Cluster Two.
D. All virtual machines matching Virtual Machine Resource Profile 1 should be placed on Cluster Two.
E. All virtual machines matching Virtual Machine Resource Profile 2 should be placed on Cluster Three.

Answer: DE

Explanation:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-FEAC3A43-C57E

NEW QUESTION 44
An architect is designing a new VMware software-defined data center (SDDC) that will consist of 100 branch sites connected to a single VMware vCenter Server within the primary data center. To allow for the use of existing automation scripts, there is a requirement to replicate the names of the virtual distributed port groups across all sites. The procurement team purchases licensing and there is no further budget allocated.
Which design decision should the architect make to meet this requirement?

A. A new vCenter Server will be deployed for each branch site
B. A new host and cluster folder will be created for each branch site
C. The automation script will be updated to reflect unique naming for each site
D. A new virtual data center will be created for each branch site

Answer: B

NEW QUESTION 48
An architect is preparing a design for a customer. Based on requirements, the architect recommends an HCI- based infrastructure with all-flash architecture.
During the assessment, it is confirmed that the network throughput generated by virtual machines does not exceed 150 Mb/s.
What is the minimum number and type of network adapters in each server that the architect can recommend to ensure requirements are met and there is no single point of failure?

A. Two 1 GbE network adapters per server
B. Four 1 GbE network adapters per server
C. Four 10 GbE network adapters per server
D. Two 10 GbE network adapters per server

Answer: C

NEW QUESTION 52
Refer to the exhibit.
During a requirements gathering workshop, the customer shares the following diagram regarding their availability service-level agreements (SLAs):

The customer wants database application level availability to always take precedence. What should the architect recommend to meet the customer's requirement?

A. Enable vSphere HA and add a VM Override with VM Restart Priority set to Highest.
B. Enable Fault Tolerance.
C. Enable Sphere HA and maintain the default settings.
D. Enable vSphere HA and add a VM Override with VM Restart Priority set to Lowest.

Answer: D

NEW QUESTION 55
An architect is tasked with reviewing the design of a VMware software-defined data center (SDDC) for a software development company. The platform is used to developing applications and services. It is important that the customer be able to accurately benchmark performance of developed applications.
The platform has recently commissioned new hosts to update the development cluster. The development cluster host configuration is:
 4 ESXi hosts with 2 sockets × 16 cores
 512 GB RAM divided evenly between sockets
 There is no resource contention
The benchmarking cluster host configuration is:
 8 ESXi hosts with 2 sockets × 8 cores
 256 GB RAM divided evenly between sockets
 There is no resource contention
The customer is developing an application that includes a database virtual machine. The application developer states that the database virtual machine performs as required only when allocated 8 vCPUs 256 GB RAM. The database virtual machine performance meets the required levels when run from the development cluster. Performance benchmarking for the database virtual machine yields highly variable results when run from the benchmarking cluster. The application cannot be released without reliable performance benchmarking data.
What is a possible reason for the difference in performance test results between the development and benchmarking clusters?

A. The database tier breaches a single NUMA node boundary for the benchmarking cluster
B. The database tier breaches a single NUMA node boundary for the development cluster
C. The development cluster can support a lower %Ready time per vCPU
D. The development cluster has more available RAM per host

Answer: C

NEW QUESTION 58
Which two of the listed requirements would be classified as manageability non-functional requirements? (Choose two.)

A. ESXi clusters must scale when compute resources are sustained above 70% for five business days
B. vSphere Fault Tolerance must be supported to improve application uptime
C. ESXi host updates must be installed within one week of release
D. The vSphere environment must support administrator password rotation
E. ESXi clusters must scale to 500 concurrent virtual machines

Answer: AC

NEW QUESTION 61
As part of a new hybrid cloud initiative for a large financial company, the customer technical team is presenting an overview of the current state of the infrastructure and their vision for a new solution.
The project team captures notes during the presentation and adds them to the discovery documentation. Which of the listed statements is a design constraint?

A. The applications are created in-house with in-guest recovery protection
B. The maximum tolerable data loss is 10 minutes
C. The two data center locations have a network latency of 8 ms round-trip time (RTT)
D. The existing storage is out of maintenance

Answer: D

NEW QUESTION 66
During a requirements gathering workshop, the customer provides the following requirement (REQ) and constraints (CON):

REQ01: The customer is looking for a way to limit database virtual machine (VM) placement to save on CPU licensing costs.
CON01: There is a single cluster with no budget to scale.
CON02: All virtual machines must run on the consolidated cluster.
Which two design decisions should the architect make to meet the customer requirement? (Choose two.)

A. The solution must use VM-VM anti-affinity rules
B. The solution must use vSphere DRS in manual mode
C. The solution must use a vRealize Orchestrator workflow for VM placement
D. The solution must use VM-Host affinity rules
E. The solution must use vSphere VM and host DRS groups

Answer: DE

NEW QUESTION 67
An architect is designing a series of new vSphere environments for an organization. The environments will be deployed in their US-East and US-West region data centers. Each data center may have one or more dedicated vSphere environments. Only the vSphere environments within a data center will be configured with Enhanced Linked Mode. The Chief Technology Officer (CTO) has authorized the use of VMware vRealize Automation Cloud for automation. The build team creates standardized virtual machine images for various operating systems in Open Virtualization Format (OVF) and publishes the latest version on an as-needed basis to an internal HTTPS-accessible repository.
The architect must design a content library topology that meets the following requirements:
A localized content library must be available in each data center.
Each content library must be updated when an image is updated and released by the build team.
It must leverage the existing build team processes.
What should the architect recommend to meet the requirements?

A. Work with the build team to create a local content library for each vSphere environment.Import the OVF images when new image are published to the repository.
B. Create a local content library for the primary vSphere environment in each data center.Create a subscribed content library for each additional vSphere environment in each data cente
C. Configure the content library to download content automatically.
D. Work with the build team to automate a JSON-based manifest to the repository when changes occur in the repository.Create a subscribed content library for each vSphere environmen
E. Configure the content library to download content when needed.
F. Work with the build team to automate a JSON-based manifest to the repository when changes occur in the repository.Create a subscribed content library for

each vSphere environmen
G. Configure the content library todownload content automatically.

Answer: B

NEW QUESTION 68
A customer has six hosts available in a cluster. When running at full capacity, all virtual machines can be run on two hosts.
How many hosts can the customer place into maintenance mode at the same time while still providing N+2 resiliency to the cluster?

A. Two
B. Three
C. One
D. None

Answer: A

NEW QUESTION 71
A customer requires the use of data encryption to ensure data is not accessible when a drive is removed from the primary storage platform. However, there is also
a requirement to use deduplication and compression against all workloads in order to conserve space.
Which solution meets the customer requirements?

A. Data-in-transit encryption
B. OS-level encryption
C. Encrypted backups
D. Array-based encryption

Answer: D

NEW QUESTION 74
Refer to the exhibit.

During a requirements gathering workshop, the customer shares the following about their existing ESXi host virtual networking infrastructure:
The customer confirms that:
 Each ESXi host has approximately 200 virtual machines.
 They want to maximize the number of concurrent virtual machine migrations.
 When placing a host in maintenance mode, it takes a long time to evacuate the virtual machines. Which two recommendations should the architect make in order to help the customer overcome their
challenge? (Choose two.)

A. Configure the network to use MTU for the VMotion VMKernel to 1,600 bytes
B. Configure the network to use MTU for the VMotion VMKernel to 9,000 bytes
C. Create an additional standard switch with pNIC3 to use for vMotion
D. Use the 3 pNICs and bundle them in a link aggregation group (LAG) configuration
E. Use 10 GbE NICs instead of 1 GbE

Answer: CE

NEW QUESTION 79
Application owners require support of a Microsoft Windows Server Failover Cluster (WSFC).
Their current environment consists of the following components:
 vSphere 7.0 and vSAN 7.0
 External array supporting NFS 3.0/4.1, Server Message Block (SMB) 2.1
 10 GbE storage connectivity for all devices
The solution architect is tasked with coming up with a solution to meet this requirement while utilizing their existing investments.
Which two recommendations could the architect make? (Choose two.)

A. Use vSAN native support for WSFC
B. Use NFS 4.1 shares for quorum and shared disk
C. Use raw device mapping (RDM)
D. Use the SMB 2.1 protocol for sharing disks
E. Run WSFC on vSAN iSCSI Target Service

Answer: AE

Explanation:
https://blogs.vmware.com/virtualblocks/2018/04/18/vsan-6-7-introducing-wsfc-support-vsan

NEW QUESTION 83
An architect is designing a VMware software-defined data center (SDDC) solution based on the following customer requirements:

The solution must initially support 1,000 virtual machines
The solution must scale to support the concurrent running of up to 5,000 virtual machines
The production environment should be delivered across two data centers
The solution should have a maximum tolerable downtime (MTD) of four hours
The solution should have a monthly service availability target of 99.8%
Which two assumptions could the architect make based on the information from the customer to help size the solution? (Choose two.)

A. The number of vSphere hosts in a cluster
B. The average resource utilization of a virtual machine
C. The size (CPU/RAM/storage) of the average virtual machine
D. The guest operating system for each virtual machine
E. The size (CPU/RAM/storage) of the vSphere hosts

Answer: AE

NEW QUESTION 86
An architect is designing a new vSphere environment with the following resources:
600 vCPU
5,760 GB RAM
Average resource usage is:
60 vCPU
1,152 GB RAM
The design must meet the following requirements:
The environment has the ability to burst by 25%.
Each host can schedule 36 vCPUs and has 512 GB RAM.
Management overhead is 20%.
What is the minimum number of hosts required to meet the design requirements?

A. Three
B. Five
C. Four
D. Two

Answer: D

NEW QUESTION 88
An architect has 50 ESXi hosts to deploy and DHCP servers are not allowed on any network. Which automated host deployment method should the architect use?

A. Stateless vSphere Auto Deploy
B. Stateful vSphere Auto Deploy
C. Scripted installation
D. Interactive installation

Answer: C

NEW QUESTION 90
An architect is planning the physical server configuration for a vSAN-based infrastructure.
Which operations mode should a RAID controller support to minimize potential server downtime during physical disk failures?

A. RAID controller with Passthru mode
B. RAID controller with RAID 5 mode
C. RAID controller with RAID 10 mode
D. RAID controller with RAID 6 mode

Answer: D

NEW QUESTION 91
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