

Exam Questions 3V0-21.23

VMware vSphere 8.x Advanced Design

<https://www.2passeasy.com/dumps/3V0-21.23/>



NEW QUESTION 1

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 2

A customer requests a review of its current vSphere platform design.

The following information is noted:

- There are three different workload profiles for the virtual machines:
- Tier-1 virtual machines operate resource-intensive applications and require dedicated allocations for CPU and RAM.
- Tier-2 virtual machines operate internet-facing applications and require access to externally facing networks.
- Tier-3 virtual machines operate platform management tools such as vCenter Server and have different lifecycle management requirements.
- Tier-1, Tier-2 and Tier-3 virtual machines are all hosted on a single large vSphere cluster.
- The Chief Information Security Officer (CISO) has raised concerns that hosting externally facing applications alongside management tools does not meet internal compliance standards.
- The Operations team has raised concerns about Tier-1 virtual machines negatively impacting the performance of vCenter Server.
- The Operations lead has stated that management changes have consistently been rejected by application teams.

As a result of the review, which recommendation should the architect make regarding the design of this platform?

- A. Separate Tier-1, Tier-2 and Tier-3 virtual machines using dedicated distributed virtual switches (DVS)
- B. Separate Tier-2 virtual machines onto a dedicated cluster
- C. Separate Tier-1, Tier-2 and Tier-3 virtual machines onto dedicated clusters
- D. Separate Tier-1, Tier-2 and Tier-3 virtual machines using resource pools and shares

Answer: C

NEW QUESTION 3

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 4

During a transformation project kick-off meeting, an architect highlights specific areas on which to focus while developing the new conceptual design.

Which two of the listed statements are business requirements? (Choose two.)

- A. The project should use the existing storage devices within the data center
- B. Sites must support a network latency of less than 12 ms round-trip time (RTT)
- C. The solution must allow data replication between sites
- D. There is no budget specifically assigned for disaster recovery
- E. There must not be a single point of failure for the virtual infrastructure

Answer: CE

NEW QUESTION 5

An architect is designing the expansion of an existing vSphere 7 environment. The customer is requesting a design for a new cluster to support the anticipated future business growth. The requirements specified for the existing environment design must be considered when designing the new cluster.

The existing design has the following requirements:

- REQ01 The environment has an availability target of 99.5% for all infrastructure.
- REQ02 The recovery time objective (RTO) for Tier 1 virtual machines is one hour.
- REQ03 Windows and Linux virtual machines must reside on separate clusters.
- REQ04 Access to the management cluster within the environment must be controlled. Which of the listed requirements would be classified as a functional requirement?

- A. The environment has an availability target of 99.5% for all infrastructure
- B. The recovery time objective (RTO) for Tier 1 virtual machines is one hour
- C. Access to the management cluster within the environment must be controlled
- D. Windows and Linux virtual machines must reside on separate clusters

Answer: D

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

An architect is designing a new greenfield environment that will install ESXi on local disks. There is a requirement to streamline initial and future installations of ESXi hosts.

Which configuration option should the architect recommend for installing ESXi hosts to meet these requirements?

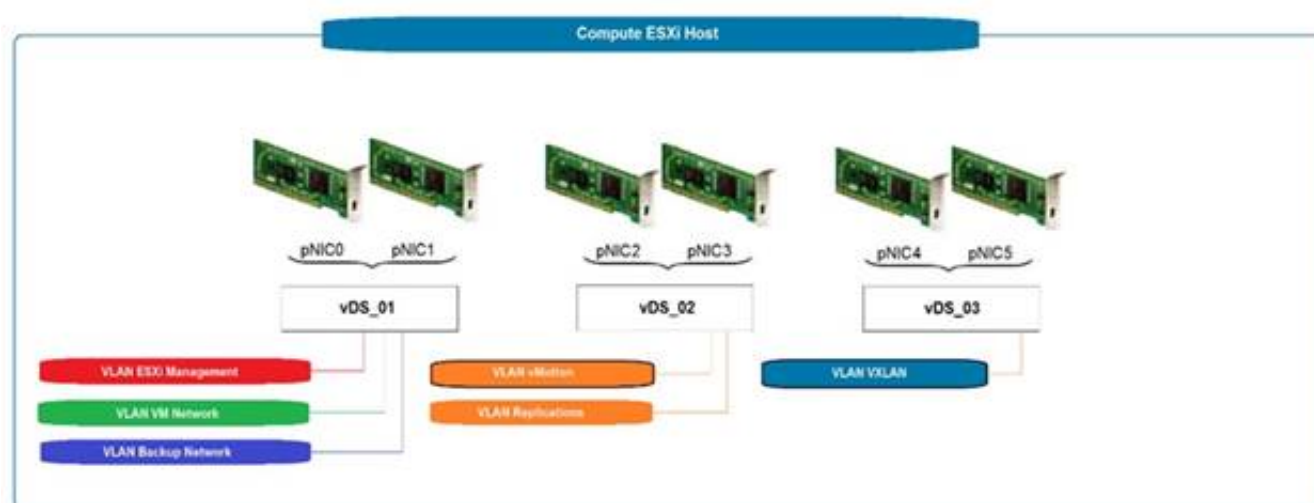
- A. Installation with kick start script
- B. Auto Deploy with stateless caching mode
- C. Manual installation using boot from SAN
- D. Auto Deploy with stateful install mode

Answer: D

NEW QUESTION 9

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 10

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 10

Which design decision must be included in a design to allow for the deployment of a minimum supported configuration of vCenter High Availability (HA)?

- A. A new subnet will be provisioned for vCenter HA services
- B. A vSphere cluster will consist of more than three nodes
- C. The deployed vCenter Server will be Tiny
- D. The vCenter HA network will support a latency of less than 50 ms

Answer: A

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-8FD87389-8CC9-429>

NEW QUESTION 14

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 17

In a meeting to discuss the minimum viable product (MVP) deployment of a new customer-facing application, the key stakeholder shares details of the application components and the application administrators share details of performance and integrity tests for the application.

The application will be made up of the following components:

➤ A web server

-Steps to confirm the web server is operating correctly will take 15 minutes after the application server is online.

➤ An application server

-Steps to confirm application server integrity will take 15 minutes after the database is online.

➤ A database server

-The database server will be managed by a database administrator, with an agreed service-level agreement (SLA) to restore and validate database services within one hour.

The existing VMware infrastructure offers a recovery point objective (RPO) of 5 minutes and recovery time objective (RTO) of 15 minutes through a combination of backups and replication.

In the event of an outage impacting all three application components, how long will it take for the application to recover and complete all checks?

- A. 15 minutes
- B. 60 minutes
- C. 105 minutes
- D. 90 minutes

Answer: C

Explanation:

15 restore VMs + 60 restore and test DB + 15 test app server + 15 test web server

NEW QUESTION 22

An architect is designing storage for a new vSphere environment to meet the following requirements: ➤ 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 26

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
- Virtual machines should be automatically restarted in the event of host failure if resources are available
- Automated initial virtual machine placement

Virtual Machine Resource Profile 2

- Memory sharing techniques can be used
- Virtual machines should be protected from any host hardware failures
- 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: BD

NEW QUESTION 29

An architect is preparing a design for a company planning digital transformation. During the requirements gathering workshop, the following requirements (REQ) and constraints (CON) are identified:

- REQ01 The platform must host different types of workloads including applications that must be compliant with internal security standard.
- REQ02 The infrastructure must initially run 100 virtual machines.
- REQ03 Ten of the virtual machines must be compliant with internal security standard.
- CON01 The customer has already purchased the licenses as part of another project.
- CON02 The customer has five physical servers that must be reused.

Additionally, based on resource requirements, four physical servers will be enough to run all workloads. Which recommendation should the architect make to meet requirements while minimizing project costs?

- A. Use Network I/O Control to ensure the internal security zone has higher share value
- B. Purchase additional servers and plan separate, isolated clusters for workloads that must be compliant with internal security
- C. Use a single cluster and ensure that different security zones are separated at least with dedicated VLANs and firewall
- D. Use a single cluster and configure DRS anti-affinity rules to ensure internal security compliant virtual machines cannot migrate between ESXi hosts.

Answer: C

NEW QUESTION 30

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 35

The storage team at an organization is planning to migrate from an older Fibre Channel storage environment to a new environment using IP-based storage. Which two switch features or characteristics are appropriate for IP storage networks? (Choose two.)

- A. Fabric extending devices
- B. Spanning Tree Protocol (STP)
- C. 2:1 or greater bandwidth oversubscription for 10 GbE switches
- D. Non-blocking switch
- E. Deep or ultra buffered switches

Answer: DE

Explanation:

<https://www.arista.com/en/solutions/ip-storage-network-infrastructures>

NEW QUESTION 37

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 38

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 43

An architect is tasked with recommending a solution for a company that is running out of VLANs. Currently the company is running two separate data centers based on vSphere including an Enterprise Plus license. In the first data center, the problem was solved by using VMware NSX and overlay network. In the second data center, there is currently no VMware NSX implementation in place and no budget for additional licenses.

What should the architect recommend as a potential solution to provide support for additional VLANs?

- A. Separate Distributed Virtual Switches (DVS)
- B. Private VLANs (PVLAN)
- C. Virtual Guest Tagging (VGT)
- D. vSwitch VLAN Tagging (VST)

Answer: A

NEW QUESTION 45

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 46

Which requirement would be classified as a functional requirement within the application design documentation?

- A. The application must be hosted with redundancy levels of N+1 or better.
- B. Penetration testing must be executed quarterly with a pass rate of 80% or higher.
- C. The application must be capable of handling 200 transactions per second.
- D. Administrators must monitor the network traffic of the desired systems.

Answer: C

NEW QUESTION 48

A customer has a database cluster with 40/60 read/write ratio and a high IOPs requirement with no contention on an all-flash vSAN cluster. Which two storage settings should be configured for best performance? (Choose two.)

- A. IOPs limits enabled
- B. RAID 1
- C. Deduplication and Compression disabled
- D. RAID 5/6
- E. Deduplication and Compression enabled

Answer: AB

NEW QUESTION 51

There is a request for approved virtual machine applications through a new vSphere platform's integrated automation portal. The platform was built following all provided company security guidelines and has been assessed against Sarbanes-Oxley Act of 2002 (SOX) regulations.

The platform has the following characteristics:

- > vRealize Operations is being used to monitor all clusters.
- > There is a dedicated ESXi cluster, supporting all management services.
- > All network traffic is via distributed virtual switches (DVS). There is a dedicated ESXi cluster for all line-of-business applications.
- > Network traffic is serviced by NSX-T.

There is a dedicated ESXi cluster for virtual desktop infrastructure (VDI).

- > Network traffic is serviced by NSX-T.

The application owner is requesting approval to install a new service that must be protected as per the Payment Card Industry (PCI) Data Security Standard.

Which additional non-functional requirement should the architect include in the design to support the new service?

- A. The vSphere hosting platform and all PCI application virtual machines must be assessed against Payment Card Industry (PCI) Data Security Standard compliance.
- B. The vSphere hosting platform and all PCI application virtual machines must be assessed for SOX compliance.
- C. The vSphere hosting platform and all PCI application virtual machine network traffic must be routed via NSX-T.
- D. The vSphere hosting platform and all PCI application virtual machines must be monitored using the vRealize Operations Compliance Pack for Payment Card Industry.

Answer: A

NEW QUESTION 53

An architect is creating a network design for a new vSphere environment.

Based on customer requirements, the environment must support the following types of traffic:

- > Management
- > vMotion
- > vSAN
- > Fault Tolerance
- > Virtual machine traffic, which cannot be impacted by other types of traffic

Which design recommendation can the architect make for a resilient infrastructure with vSphere network service tiering?

- A. Use different logical networks to ensure traffic is isolated with separate VLANs
- B. Use Network I/O Control and ensure appropriate share value is defined for different types of traffic giving priority to the virtual machines traffic
- C. Use two dedicated virtual switches with a single adapter each, dedicating one virtual switch for Management, vMotion, vSAN and Fault Tolerance traffic, and the second one for virtual machine traffic
- D. Use a NIC teaming policy based on the physical NIC load

Answer: A

NEW QUESTION 56

Which of the listed requirements would be classified as a recoverability non-functional requirement?

- A. The platform must be integrated with existing change control policies.
- B. The platform must be able to support a maximum tolerable downtime (MTD) of 30 minutes.

- C. Maintenance windows must be scheduled to take place monthly during an established overnight period.
- D. The platform must be available 24 hours a day, 7 days a week with the exception of scheduled downtime.

Answer: A

NEW QUESTION 61

An architect is tasked with designing a new VMware software-defined data center (SDDC) solution for an online retail customer who has a primary and secondary data center as well as 10 distribution hubs.

The customer has provided the following business requirements to help inform the design:

- The solution must support the running of up to 1,000 concurrent virtual machines across the primary and secondary data center.
- The solution must support the running of up to 20 concurrent virtual machines in each distribution hub.
- The solution must support the separation of management and lines-of-business application virtual machines.
- All management components (including directory services, backup, automation, operations and logging) must be deployed to the primary data center.
- All virtual infrastructure components must have redundancy of N+1.
- The solution should support a monthly uptime target of 99.9%.
- The recovery time objective (RTO) for the solution must be four hours.
- The recovery point objective (RPO) for the solution must be 24 hours.

Given the information from the customer, which assumption should the architect include in the design?

- A. All business application virtual machines can be deployed into a single cluster within the primary data center.
- B. Each distribution hub should be configured with a backup device.
- C. The wide area network has sufficient bandwidth to support centralized management.
- D. Each cluster will have a minimum of four hosts.

Answer: B

NEW QUESTION 64

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 center.
- 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 environment.
- 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 environment.
- G. Configure the content library to download content automatically.

Answer: B

NEW QUESTION 67

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 68

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 72

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 75

An architect is finalizing the design for a new vCenter Server High Availability deployment. What is one thing the architect must document in the design?

- A. The load balancing algorithm used by the Management Distributed Virtual Switches (DVS)
- B. The SSH configuration settings for the vCenter Server's active node
- C. The vCenter Management Network IPv4 addresses for the witness node vCenter Server
- D. The details of each of the vCenter Server licenses for active, passive and witness nodes

Answer: C

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-9B176C8A-4EEE-4A>

NEW QUESTION 80

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 81

An architect is tasked with designing a new VMware software-defined data center (SDDC) using VMware vSAN. The architect uses a storage assessment tool to determine the storage requirements for the new vSAN cluster. The new SDDC is going to be deployed into the existing data center and must be connected to a shared core network switch.

The architect decides to use vSAN ReadyNodes with the following configuration:

- > Two disk groups with:
- > Write Intensive NVMe 800 GB drive for cache
- > Four 3.84 TB Mixed Use NVMe for capacity
- > Four 10 GbE ports

Which element represents a risk that should be included in this design?

- A. The number of 10 GbE capable ports in the vSAN ReadyNode
- B. The use of vSAN ReadyNodes
- C. The existing network is 10 GbE capable
- D. The use of NVMe drives for cache and capacity

Answer: C

NEW QUESTION 83

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 84

A VMware Service Provider is tasked with delivering a solution for continuous availability for a subset of Tier 1 virtual machines (VMs) and vApps running in their vSAN environment. The VMs make up a mission-critical application and there can be no data loss in the event of an outage at their primary data center. In the event of a regional outage, they have established a 10-minute recovery point objective (RPO). Failover/failback to the third site must be automated.

They have the following in place:

- > Two local data centers (primary and secondary) connected with 100 Gb dedicated fiber
- > 2ms round-trip time (RTT) latency between the sites A third data center located on another power grid
- > 70ms latency between the primary and secondary data centers
- > Matching storage arrays at all locations

Which two solutions could be used to meet the requirements? (Choose two.)

- A. Site Recovery Manager
- B. Snapshots
- C. vSAN Metro Cluster
- D. vSphere Data Protection
- E. vStorage APIs for Array Integration (VAAI)

Answer: BC

NEW QUESTION 85

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 89

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 3V0-21.23 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 3V0-21.23 Product From:

<https://www.2passeasy.com/dumps/3V0-21.23/>

Money Back Guarantee

3V0-21.23 Practice Exam Features:

- * 3V0-21.23 Questions and Answers Updated Frequently
- * 3V0-21.23 Practice Questions Verified by Expert Senior Certified Staff
- * 3V0-21.23 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 3V0-21.23 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year