

1V0-701

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Exam A

QUESTION 1

Which is the main differentiator for VMware vSAN when compared to a Virtual Storage Appliance (VSA)?



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- A. VMware vSAN is integrated into the ESXi Kernel.
- B. VMware vSAN can be implemented with external storage.
- C. VMware vSAN is implemented as virtual Appliance.
- D. A VSA is tightly integrated with VMkernel.



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Which two statements about VMware Horizon View Administrator are true? (Choose two.)

- A. VMware Horizon View Administrator can be installed on a vCenter Server that manages virtual machines.
- B. VMware Horizon View Administrator is installed with the Horizon View Connection Server.
- C. VMware Horizon View Administrator is a software service that acts as a broker for client connections.
- D. VMware Horizon View Administrator allows administrators to manage Horizon View Connection Server instances from anywhere without having to install an application on their local computers.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-Horizon-7/7.0/com.vmware.horizon-view.planning.doc/GUID-925916AD-5891-4DF8-B20C-C22A2B2B0528.html>

QUESTION 3

Which feature of VMware vSphere will automate the process of migrating virtual machines to fewer hosts during times of low workloads?

- A. FT
- B. EVC
- C. DPM
- D. HA

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/Distributed-Power-Management-vSphere.pdf> (p. 3)

QUESTION 4

Which two statements are true for vRealize Business for Cloud? (Choose two.)

- A. It provides costing for non-vSphere workload by directly integrating with them.
- B. It provides public cloud costing, consumption analysis, and pricing.
- C. It collects performance data through the agents that are deployed in the cloud workloads.
- D. It provides costing for native services hosted on AWS and Azure cloud.
- E. It provides Automatic private cloud metering, costing, and pricing.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/products/vrealize-business-for-cloud.html>

QUESTION 5

VMware offers vRealize Suite in editions that provide different functionality at different points, making it easy to license VMware vRealize Suite to meet a customer's specific requirements and use cases.

Which three are vRealize Suite editions? (Choose three.)

- A. Enterprise Plus
- B. Foundations
- C. Advanced D. Enterprise
- E. Professional
- F. Standard

Correct Answer: CDF

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/products/vrealize-suite.html>

QUESTION 6

In which form does Virtual SAN store and manage data?

- A. Files
- B. Disks
- C. Objects
- D. Blocks

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Virtual SAN stores and manages data in the form of flexible data containers called objects. An object is a logical volume that has its data and metadata distributed and accessed across the entire cluster.

Reference: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.storage.doc/GUID-2B3B720F-0A7E-4B4B-883F-85A39C1A6C5A.html>

QUESTION 7

Which two are use cases for a VMware vSphere deployment. (Choose two.)

- A. A company wants higher availability in their data centers.
- B. A company wants to run all applications directly on bare metal servers.
- C. A company wants a mixed workload of public and private cloud.
- D. A company wants to run all workloads in the public cloud.
- E. A company wants to run all workloads on-premises.

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which two statements are true about the VMware Horizon Suite platform? (Choose two.)

- A. VMware Horizon Suite connects end users to their data and applications on any device.
- B. VMware Horizon Suite connects end users to their data and applications only from a single centralized device.
- C. VMware Horizon Suite is a secure platform for workforce mobility.
- D. Connecting end users using Horizon Suite is user-friendly but compromises on security and control.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which technology enables the Just-in-time Delivery feature of Horizon 7 which ensures rapid deployment of full-featured, personalized digital workspaces?

- A. Instant Clones
- B. ThinApp
- C. Blast Extreme
- D. Smart Policies

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Rapidly deploy full-featured, personalized digital workspaces leveraging JMP technologies, which include Instant Clones, App Volumes and User Environment Management

Reference <https://www.vmware.com/products/horizon.html>

QUESTION 10

A company wants to implement a software-defined network solution with minimal impact to the existing environment.

What additional hardware, if any, is required when implementing VMware NSX?

- A. A stateful inspection Firewall to take advantage of NSX's built in Firewall protection
- B. None. NSX is a completely non-disruptive solution.
- C. Special VLAN configurations for accessing NSX.
- D. At least two Layer 3 switches that must be converted to trunk mode.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

NSX is a completely non-disruptive solution which can be deployed on any IP network from any vendor – both existing traditional networking models and next generation fabric architectures. The physical network infrastructure already in place is all that is required to deploy a software-defined data center with NSX.

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

QUESTION 11

What are two key cloud challenges faces by customers? (Choose two.)

- A. Availability of organizational budget
- B. Cross-cloud management
- C. Availability of administrative personnel
- D. Connectivity and applying security across clouds
- E. Choice of services offered by different cloud providers is limited.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://itq.nl/vmware-going-hybrid-cloud-cross-cloud-architecture/>

QUESTION 12

Which feature of VMware vSphere will guarantee performance of virtual machine storage traffic during congestion?

- A. Virtual Volumes
- B. Storage DRS
- C. Storage I/O control



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- D. VMware vSAN

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/network-ioc-vsphere6-performance-evaluation-white-paper.pdf>

QUESTION 13

Which feature in VMware vSphere ensures zero downtime and prevents data loss when a physical server fails?

- A. vSphere Data Protection
- B. High Availability

- C. Fault Tolerance
- D. vSphere Replication

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

In the event of server failures, VMware vSphere Fault Tolerance (vSphere FT) provides continuous availability for applications with as many as four virtual CPUs. It does so by creating a live shadow instance of a VM that is always up to date with the primary VM. In the event of a hardware outage, vSphere FT automatically triggers failover, ensuring zero downtime and preventing data loss. Like vSphere HA, it protects against hardware failure but completely eliminates downtime with instantaneous cutover and recovery. After failover, vSphere FT automatically creates a new, secondary VM to deliver continuous protection for the application

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmware-vcenter-server-6-0-availability-guide-white-paper.pdf>

QUESTION 14

Which two components are necessary to build a VMware vSAN datastore? (Choose two.)

- A. Just one ESXi host
- B. At least one cache disk and one capacity disk per ESXi Host
- C. External storage system
- D. Certified Raid-Controller with RAID5 array
- E. VMware compatible X86 server hardware



Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which is the definition of VMware Cloud Foundation?

- A. A Unified Software-Defined Data Center platform that integrates VMware compute, storage, and network virtualization for private and public clouds.
- B. A non-profit organization promoting cloud computing using VMware Integrated OpenStack.
- C. A joint venture between VMware and public cloud service providers for seamless workload movement between clouds.
- D. A partnership with Amazon to provide the Software –Defined Data Center as a service.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/products/cloud-foundation.html>

QUESTION 16

What are the core components of VMware Cloud Foundation?

- A. VMware, vSphere, vSAN and NSX
- B. Database services, storage hardware, and network switches
- C. VMware vRealize Suite, Workspace One, and Horizon
- D. Routers, switches, and gateway appliances

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

The core components of VMware Cloud Foundation are VMware vSphere, Virtual SAN and NSX. VMware Cloud Foundation also comes with VMware SDDC Manager that automates the entire system lifecycle and simplifies software operations. In addition, it can be further integrated with VMware vRealize® Suite, VMware Horizon® and VMware Integrated OpenStack.

Reference: <https://media.zones.com/images/pdf/vmware-cloud-foundation-datasheet.pdf>

QUESTION 17

A supervisor wants to find a way for employees to access remote desktop applications without having to install any additional software other than a web browser.

Which aspect of Horizon 7 would be a solution?

- A. Horizon Client
- B. HTML Access
- C. vSphere Client
- D. VMware Tools

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

If you use the HTML Access feature, end users can open a remote desktop or application inside a browser, without having to install any client application on the client system or device.

Reference: <https://docs.vmware.com/en/VMware-Horizon-HTML-Access/4.6/html-access-installation/GUID-AD6BF5D5-92EA-4762-A8C7-6E30DC3B3908.html>

QUESTION 18

Which three choices are key objectives or deliverables for proposing a solution? (Choose three.)

- A. Design Requirements Workbook
- B. Backup Strategy
- C. Operating Procedures
- D. Implementation Guide
- E. Validation Procedures

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

What VMware product would address a customer's need for micro-segmentation?

- A. VMware vRealize Automation
- B. VMware vRealize Network Insight
- C. VMware ESXi
- D. VMware NSX

Correct Answer: D

Section: (none)

Explanation



Explanation/Reference:

Reference: <https://blogs.vmware.com/networkvirtualization/2016/06/micro-segmentation-defined-nsx-securing-anywhere.html/>

QUESTION 20

Which component is responsible for managing the distributed switching and routing modules in the hypervisor in an NSX architecture?

- A. ESXi hypervisor
- B. NSX controller cluster
- C. NSX manager
- D. vCenter Server

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

The controller cluster in the NSX platform is the control plane component responsible for managing the hypervisor switching and routing modules. The controller cluster consists of controller nodes that manage specific logical switches. The use of controller cluster in managing VXLAN based logical switches eliminates the need for multicast configuration at the physical layer for VXLAN overlay

Reference:

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf> (page 16)

QUESTION 21

Which vSphere component provides hypervisor-based virtual machine replication and recovery?

- A. VMware Site Recovery Manager
- B. VMware vSphere Data Protection
- C. VMware vSphere Replication
- D. VMware vSAN

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

VMware vSphere Replication is a hypervisor-based, asynchronous replication solution for vSphere virtual machines. It is fully integrated with VMware vCenter Server and the vSphere Web Client. vSphere Replication delivers flexible, reliable and cost-efficient replication to enable data protection and disaster recovery for all virtual machines in your environment.

QUESTION 22

Which are two ways of gathering business requirements and objectives from a customer? (Choose two.)

- A. Interview Executive- and Director-level resources to determine business objectives, problems, and opportunities for growth in their business.
- B. Discuss with the IT Management about which vendors they prefer, and when they are able to execute a Proof of Concept to show them the newest products and solutions available.
- C. Perform a GAP Analysis of the existing business and IT environment with business stakeholders, and discuss what is needed to accomplish the customer's objectives.
- D. List what the customer isn't using, ask the customer for its budget, and determine what is within that budget.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:



QUESTION 23

What are two benefits of VMware vSAN? (Choose two.)

- A. Integrate physical SAN
- B. Uses only magnetic disks
- C. Hardware-agnostic solution
- D. Software-agnostic solution
- E. Scale to future

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vsan/vmware-vsan-66-licensing-guide.pdf>

QUESTION 24

A company is starting a cloud deployment project. They have a requirement to provide one time and operational pricing for virtual machine provisioning by line of business.

Which two vRealize Suite products will meet the requirements?

- A. vRealize Automation
- B. vRealize Operations Manager
- C. vRealize Organizer
- D. vRealize Orchestrator
- E. vRealize Business

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/products/vrealize-automation.html>

QUESTION 25

Complete the sentence by selecting the correct option.

The VMware approach to SDDC leverage logical infrastructure services that are _____ the underlying physical hardware.

- A. removed by
- B. replaced with
- C. integrated with
- D. extracted from

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/technical-whitepaper-sddc-capabilities-itoutcomes-white-paper.pdf>

QUESTION 26

Which statement is true about vSAN datastore?

- A. VMware vSAN can be implemented on top of any other datastores.
- B. vSAN is similar to Raw Device Mapping.
- C. vSAN is a native Windows function.
- D. There is only one vSAN datastore per vSAN cluster.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A supervisor wants employees to seamlessly log into remote applications without having to enter their credentials multiple times. What is required to support true Single Sign On (SSO)?

- A. Horizon 7 and Windows Server 2016
- B. Horizon 7 and any Linux Operating System
- C. Only Horizon 7 is required
- D. Horizon 7 and Identity Manager

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-Horizon-7/7.3/horizon-architecture-planning/GUID-E8152572-1B10-42C2-B605-1EF738AC2D20.html>

QUESTION 28

Which two components are leveraged with VMware vSAN? (Choose two.)

- A. VMware vVols (virtual Volumes)
- B. Industry standard hardware
- C. VMware HCS (Hyper-Converged Software)
- D. VMware VSA (virtual Storage Appliance)
- E. Fabric switches

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Which vSphere component is used to manage multiple hosts in a cluster?

- A. ESXI
- B. vDS
- C. vCenter Server
- D. VUM

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Which feature of VMware vSphere will enable migration of powered-on virtual machines to another host in an ESXI environment?

- A. High Availability
- B. vMotion
- C. vSphere Replication
- D. Fault Tolerance

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Which component of the SDDC stack facilitates the use of traditional storage in a virtualized environment?

- A. vSphere Core Storage

- B. Virtual Volumes
- C. Site Recovery Manager
- D. VMware vSAN

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A customer requires a robust identity management solution to ensure that the right employees are using the right cloud-based applications, and to ensure that the licenses are utilized in correct way.

Which VMware solution will meet this customer requirement?

- A. vRealize Operations Manager
- B. Workspace One



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- C. NSX
- D. vRealize Business

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Which two statements about VMware Horizon View Composer are true? (Choose two.)

- A. If instant clones are provisioned, VMware Horizon View Composer does not need to be installed.
- B. VMware Horizon View Composer is a mandatory Horizon 7 component.
- C. A vCenter Server instance can be associated with multiple VMware Horizon View Composer servers.
- D. Although VMware Horizon View Composer can be installed on its own server host, a VMware Horizon View Composer service can operate with only one vCenter Server instance.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-Horizon-7/7.2/com.vmware.horizon-view.administration.doc/GUID-F20397F5-A0A1-4DF1-A4FB11F15E94331D.html>

QUESTION 34

Which VMware product would allow administrators to manage enterprise desktops with increased reliability, security, end-user hardware independence, and convenience?

- A. NSX
- B. vRealize Operations
- C. Horizon
- D. vCenter

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A customer wants to build a testing environment where they can deploy and recycle servers rapidly. Which solution should they choose?

- A. Bare metal servers

- B. VMware Workspace One
- C. VMware Horizon View
- D. VMware vSphere

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

In which plane of VMware NSX does actual traffic flow?

- A. Data plane
- B. Automation plane
- C. Management plan
- D. Control plane

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.educationalcentre.co.uk/revision-notes-vmware-network-virtualization-fundamentals-course/>

QUESTION 37

Select the vSphere component that provides:

- Central point for configuration, provisioning, and managing virtualized IT environments
- Essential access control, performance monitoring, and alert management services

- A. vSphere DRS
- B. vSphere Update Manager
- C. ESXi
- D. VMware vCenter Server

Correct Answer: D



Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.vmware.com/pdf/vc_datasheet.pdf

QUESTION 38

What is the foundational building block for all VMware SDDC solutions?

- A. VMware Cloud Foundation
- B. VMware NSX
- C. vRealize Suite
- D. VMware vSphere

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 39

Which offering from VMware enables cross-cloud architecture?

- A. VMware Cloud Foundation
- B. VMware Horizon
- C. VMware Integrated OpenStack
- D. Workspace One

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

A customer would like to implement a holistic monitoring solution in its environment.
What VMware product would meet this particular requirement?

- A. VMware vRealize Operations Manager
- B. VMware vRealize Network Insight
- C. VMware vRealize Log Insight
- D. VMware vRealize Automation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

A company wants to decrease the cost of data center cooling.

Which solution should they implement so the data center runs on fewer physical servers?

- A. VMware Workstation
- B. VMware vSphere
- C. VMware NSX
- D. VMware Horizon View



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

Which NSX feature could increase the network security posture of an organization?

- A. Desktop virtualization
- B. Increased network traffic speeds between ESXi hosts
- C. Guest Operating System virtualization
- D. Distributed Logical Stateful Firewall engine

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

Which three requirements should be gathered during a design workshop? (Choose three.)

- A. Constraints
- B. Recoverability
- C. Manageability
- D. Risks
- E. Requirements

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:



QUESTION 44

A large bank wants to automate their infrastructure provisioning. They need a portal which provides the ability to check the health of a virtual machine and perform day-two actions, such as power-on and power-off.

Which product in the vRealize Suite offers this functionality?

- A. vRealize Orchestrator
- B. vRealize Operations Manager
- C. vRealize Automation
- D. vRealize Business

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

The primary focus of the VMware Horizon Suite is:

- A. Desktop and Application Virtualization
- B. Networking and Security Virtualization
- C. Cloud Infrastructure Virtualization
- D. Data Center Virtualization

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

Which two types of storage does virtual volumes support? (Choose two.)

- A. CIFS
- B. vSAN
- C. DAS
- D. NAS
- E. SAN

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

Which three features are common across all VMware vRealize Suite Cloud Management Platform editions? (Choose three.)

- A. vRealize Chargeback
- B. vRealize Automation Advanced
- C. vRealize Operations Advanced
- D. vRealize Log Insight



E. vRealize Business for Cloud Standard

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/vRealize-Suite/2017/vrealize-suite-2017-overview.pdf>

QUESTION 48

Which two statements about Horizon Agent are true? (Choose two.)

- A. The Horizon Agent cannot be installed with an option for single sign-on.
- B. Install the Horizon Agent service on all virtual machines, physical systems, and Microsoft RDS hosts that are used as sources for remote desktops and applications.
- C. If the desktop source is a virtual machine, install the Horizon Agent service on that virtual machine and then use the virtual machine as a template or as a parent of linked clones.
- D. On virtual machines, the Horizon Agent communicates with View Connection Server to provide features such as three-factor authentication, ransomware protection, anti-virus, and access to locally connected FireWire devices.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

A customer wants to ensure that management cluster storage does not impact production cluster storage performance. What VMware product would meet this requirement?

- A. VMware Storage DRS
- B. VMware vCenter Server
- C. VMware vSAN
- D. VMware Virtual Volumes

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

What solution enables a system administrator to move servers between two data centers without downtime?

- A. VMware App Volumes
- B. VMware Horizon View
- C. VMware vSphere
- D. VMware NSX

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



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