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1V0-701

VMware Certified Associate - Digital Business Transformation Exam

Exam A

QUESTION 1

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.)



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

Correct Answer: CDF

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/vRealize-Suite/7.0/com.vmware.vrealizesuite.overview.doc/GUID-B65AFD87-05D9-4047-ABB3-0E9635E9B3D8.html>

QUESTION 2

Which are five key benefits of the VMware vRealize Suite cloud management platform? (Choose five.)

- A. Business/ IT Alignment
- B. Control
- C. Agility
- D. Security
- E. Optimize
- F. Configuration Management
- G. Efficiency



Correct Answer: BCEFG

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwiM1ru0seXWAhWLYVAKHeFwDAQQFggsMAE&url=https%3A%2F%2Fwww.vmware.com%2Fcontent%2Fdam%2Fdigitalmarketing%2Fvmware%2Fen%2Fpdf%2Fproducts%2Fvrealize-suite%2Fvmware_vrs_datasheet.pdf&usg=AOvVaw2tv-l6pAeO5_kJPF6tX5Hu

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QUESTION 3

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 4

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 5

How does VMware Cross-Cloud Architecture address incompatibility between clouds?

- A. VMware Cross-Cloud Architecture does not address incompatibility between clouds.
- B. By using network virtualization technology across clouds.
- C. By replacing public clouds.
- D. By replacing private clouds.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 6

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 my 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:

Answer: AC

The answer A is misinterpreted as "on my device" rather it should read as "on any device"

QUESTION 7

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 8

A customer would like to have an on-premises private cloud solution with a self-service portal for its users.

What VMware product would meet this requirement?

- A. VMware vRealize Automation
- B. VMware vRealize Orchestrator
- C. VMware vCenter Server
- D. VMware vRealize Operations

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

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 10

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 11

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:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/whitepaper/vsphere/vmw-white-paper-vsphr-whats-new-6-0-pltfm.pdf> (p.12)

QUESTION 12

What is VMware's network virtualization solution for the Software Defined Data Center (SDDC)?

- A. VMware NSX for vSphere
- B. vSphere Opaque Network
- C. vSphere Distributed Switch (vDS)
- D. vSphere Standard Switch (vSS)



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/solutions/software-defined-datacenter/in-depth.html>

QUESTION 13

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 14

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/content/dam/digitalmarketing/vmware/en/pdf/products/cloud-foundation/vmware-cloud-foundation-competitive-tco.pdf>

QUESTION 15

At which layer does VMware vSAN provide redundancy for Virtual Machine (VM) files?

- A. At host storage controller (RAID) only.
- B. In VMware vSAN only.
- C. In VMware vSAN and virtual machine (VM) storage policies.
- D. At host storage controller (RAID) and VMware vSAN.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

<https://docs.vmware.com/en/VMware-Validated-Design/4.0/com.vmware.vvd.sddc-design.doc/GUID-6F009138-C06B-4CF0-89A4-9FFECA22F7FE.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:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/datasheet/products/vmware-cloud-foundation-faq.pdf> (p.1)

QUESTION 17

A system administrator needs to run a Microsoft Windows 2000 server but the hardware provider doesn't have the drivers for this operating system.

What could the system administrator do to be able to run this server?

- A. Install the operating system from a USB drive.
- B. Use drivers for a newer version of the operating system/
- C. Install it on vSphere Integrated Containers (VIC).
- D. Install VMware vSphere and use it as a virtual machine.



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference:

https://www.vmware.com/resources/compatibility/detail.php?deviceCategory=software&testConfig=16&productid=11014&releaseid=367&supRel=367.&deviceCategory=software&details=1&releases=367&operatingSystems=50&productNames=15&page=1&display_interval=10&sortColumn=Partner&sortOrder=Asc&testConfig=16

QUESTION 18

Which two benefits are delivered through VMware Software Defined Data Center (SDDC)? (Choose two.)

- A. Complex architecture

- B. IT driven policies
- C. Comprehensive management
- D. Flexible cloud delivery
- E. Increased administrative cost

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/solutions/software-defined-datacenter.html>

QUESTION 19

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:

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

QUESTION 20

DRAG DROP

Match the Horizon 7 components with their appropriate descriptions.

Select and Place:

Answer Area		
<u>Horizon 7 Components</u>		<u>Description</u>
Horizon Agent	<input type="text"/>	Acts as a broker for client connections by authenticating and then directing incoming user requests to the appropriate virtual machine, physical system, or RDS host.
Horizon Client	<input type="text"/>	A software service that is installed on all guest virtual machines, physical systems, or RDS hosts to allow them to be managed by Horizon 7.
View Connection Server	<input type="text"/>	Enables administrators to configure View Connection Server, deploy desktop and application pools, manage machines, control user authentication, initiate and examine system events, and perform analytical activities.
Horizon Administrator	<input type="text"/>	Communicates with View Connection Server to enable users to connect to their desktops.

Correct Answer:

<u>Horizon 7 Components</u>	<u>Answer Area</u>	<u>Description</u>
	View Connection Server	Acts as a broker for client connections by authenticating and then directing incoming user requests to the appropriate virtual machine, physical system, or RDS host.
	Horizon Agent	A software service that is installed on all guest virtual machines, physical systems, or RDS hosts to allow them to be managed by Horizon 7.
	Horizon Administrator	Enables administrators to configure View Connection Server, deploy desktop and application pools, manage machines, control user authentication, initiate and examine system events, and perform analytical activities.
	Horizon Client	Communicates with View Connection Server to enable users to connect to their desktops.

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Which server sits in the DMZ and allows external devices to connect to the Horizon Mirage service?

- A. Mirage Server
- B. Mirage Branch Reflector
- C. Mirage Management Server

D. Mirage Gateway Server

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://pubs.vmware.com/mirage-58/topic/com.vmware.ICbase/PDF/mirage-installation-guide.pdf> (p.8)

QUESTION 22

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



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D. VMware vSAN

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

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

QUESTION 23

Which component in VMware NSX provides L2 bridging from the logical networking space VXLAN to the physical space?

- A. NSX virtual switch

- B. Logical Router control VM
- C. Logical router
- D. NSX Edge virtual appliance

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://code.vmware.com/nsx-for-vsphere/nsx-components>

QUESTION 24

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 25

Which three choices are design principles? (Choose three.)

- A. Manageability
- B. Constraints
- C. Performance
- D. Requirements
- E. Availability

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

What advantage does VMware vSphere provide to an organization?

- A. Decreased business efficiency
- B. Simplified data center monitoring
- C. Lower server availability
- D. Increased data center efficiency

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

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:

QUESTION 28

What is a compelling reason for adopting NSX?



- A. NSX can operate at all layers of the OSI model.
- B. NSX can be installed directly on top of existing networking devices in the place of the original firmware.
- C. NSX programmatically creates, snapshots, deletes, and restores software-based virtual networks.
- D. NSX eliminates the need for networking hardware between physical ESXi hosts.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-NSX-for-vSphere/6.2/com.vmware.nsx-cross-vcenter-install.doc/GUID-10944155-28FF-46AA-AF567357E2F20AF4.html>

QUESTION 29

An architect is tasked with working with the Line of Business to understand their requirements for monitoring. One requirement is to analyze both structured and unstructured data and provide 360-degree visibility for the cloud infrastructure.

Which two vRealize Suite products provide this functionality. (Choose two.)

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



Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

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:

QUESTION 31

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 32

Which two are primary use cases for VMware vSphere? (Choose two.)

- A. Centralized Storage
- B. Cloud Automation
- C. Containerized Modern Apps
- D. Distributed Networking
- E. Virtualized Big Data

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

What is the role of the NSX Controller?

- A. It provides network edge security and gateway services to isolate a virtualized network.
- B. It is an advanced distributed state management system that controls virtual networks and overlay transport tunnels.
- C. It is centralized network management component of NSX.
- D. It is software that operates in server hypervisors to form a software abstraction layer between servers and the physical network.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/NSX-61/topic/com.vmware.nsx.install.doc/GUID-4E0FEE83-CF2C-45E0-B0E6-177161C3D67C.html>



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