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1v0-701

VMware Certified Associate - Digital Business Transformation Exam

Exam A

QUESTION 1

Which four application services are delivered by VMware Horizon 7? (Choose four.)

- A. Packaged apps with VMware ThinApp
- B. Virtualized apps from Citrix
- C. SaaS apps
- D. Helpdesk ticketing system
- E. RDS hosted apps
- F. Anti-virus services

Correct Answer: ABCE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/techpapers/2014/application-delivery-options-in-vmware-horizon-10430.html>

QUESTION 2

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



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- 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 3**

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 4

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 5

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: ABCEG

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

QUESTION 6

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 7

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 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

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



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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 10

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 11

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 12

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://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/datasheet/products/vmware-cloud-foundation-datasheet.pdf>

QUESTION 13

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 14

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 15

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 16

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 17

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 18

Which VMware solution provides the highest availability?

- A. VMware Update Manager
- B. VMware vMotion
- C. VMware vCenter HA
- D. VMware DRS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

**QUESTION 19**

What are the three vRealize Suite editions offered by VMware?



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- A. Standard, Advanced, Enterprise
- B. Standard, Enterprise, Enterprise Plus

- C. Foundation, Standard, Enterprise
- D. Advanced, Enterprise, Enterprise Plus

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

VMware vRealize Suite cloud management platform is available in three editions: Standard, Advanced and Enterprise. New portable licensing allows customers to manage multi-vendor private and public clouds with common licensing. Reference: <https://www.vmware.com/products/vrealize-suite.html>

QUESTION 20

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 21

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 22

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>

QUESTION 23

Which NSX feature can configure a network capable of routing traffic between multiple VLANs without a Layer 3 switch or physical router?

- A. Site-to-Site and remote-access VPN capabilities.
- B. Dynamic routing between virtual networks performed in the hypervisor.
- C. Distributed stateful firewalling embedded in the hypervisor kernel.
- D. Layer 4-7 load balancer with SSL offload and pass-through.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

DLR – Distributed Logical Router, performs routing

References:

<http://blog.bertello.org/2015/02/nsx-for-newbies-part-6-distributed-logical-router-dlr/>

QUESTION 24

VMware vRealize Suite Cloud Management Platform reduces the complexity of provisioning machines running on which platform(s)?

- A. virtual, cloud, and physical
- B. cloud
- C. physical
- D. virtual and cloud
- E. virtual

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation: VMware vRealize Automation Datasheet

Multi-vendor hypervisor, physical endpoint and public cloud support



QUESTION 25

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 26

Which SDDC solution leverages vSphere to provide server virtualization and consolidation as a service?

- A. vSphere with Operations Management
- B. vCloud Air
- C. vRealize Suite
- D. VMware Horizon

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.vmware.com/solutions/consolidation.html>

QUESTION 27

Which three VM objects are stored on a vSAN datastore? (Choose three.)

- A. Memory objects
- B. VMDK files
- C. ISO files
- D. VMware tools
- E. Host profiles
- F. VM Home Namespace



Correct Answer: BDF

Section: (none)

Explanation

Explanation/Reference:

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 VMware Cross-Cloud Architecture component can speed up and improve IT service delivery, improve IT operations, and deliver end-user choice with control across heterogeneous and multi-cloud environments?

- A. VMware Workspace One
- B. VMware vRealize Suite
- C. VMware Airwatch
- D. VMware Cloud Connector

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation: VMware vRealize Suite delivers a comprehensive enterprise-ready cloud management platform (CMP) that can speed up IT service delivery, improves IT operations, and delivers end-user choice with control, across heterogeneous, multi-cloud environments (vSphere and non-vSphere).

Reference: <http://ir.vmware.com/overview/press-releases/press-release-details/2016/VMware-Unveils-New-Cross-Cloud-ArchitectureTM-to-Give-Customers-Cloud-Freedom-and-Control/default.aspx>

QUESTION 30

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 31

Which VMware product provides centralized management of desktop environments, a single platform to deliver desktops and applications alike, and improves its return on investment over time?

- A. VMware VSAN
- B. VMware IT Business Management
- C. VMware Cross Cloud Architecture
- D. VMware Horizon

Correct Answer: D

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
- 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

VMware vSuite Cloud Management Platform can solve which three demanding business use cases? (Choose three.)

- A. Intelligent Operations Management
- B. DevOps-Ready IT

- C. IT Automating IT
- D. Cost Management
- E. Configuration Management

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

What are three valid vSAN editions? (Choose three.)

- A. Enterprise
- B. Enterprise Plus
- C. Foundation
- D. Advanced



<https://www.vceplus.com/>

- E. Standard

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

Explanation: Licensing Editions Let's start with the Virtual SAN licensing editions. They are Standard, Advanced, Enterprise, and Remote Office/Branch Office (ROBO).

Reference: <https://www.vmware.com/files/pdf/products/vsan/vmware-vsan-62-licensing-guide.pdf>

QUESTION 37

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 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

Which two statements about VMware Cross-Cloud Architecture are true? (Choose two.)

- A. Deployment of services across clouds is manual.
- B. Works only on certain underlying clouds or hypervisors.
- C. Provides the ability to run, manage, connect and secure applications across clouds.
- D. Provides cloud freedom, but not control.
- E. Provides the freedom to innovate across both private clouds and public clouds.

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Which are the three components of the control plane in VMware NSX architecture? (Choose three.)

- A. NSX Edge Service Gateway
- B. User World Agent
- C. NSX controller cluster
- D. NSX Logical router control VM
- E. Message Bus Agent

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

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

QUESTION 42

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 43

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 44

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 45

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 46

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 47

Which unit of physical storage capacity on a host and a group of physical devices provides performance and capacity to the Virtual SAN cluster?

- A. Disk Group
- B. Disk
- C. Device Group
- D. Host Group

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.virtualsan.doc/GUID-1D8956A2-3F46-49C8-9231-38F3A9D09A0F.html>



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