VMware VCA-DBT Certification 1V0-701 Exam

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➢ **Vendor: VMware**

➢ **Exam Code: 1V0-701**

➢ **Exam Name: VMware Certified Associate - Digital Business**

Transformation (VCA-DBT) Exam

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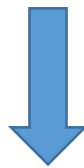
QUESTION 1
Which feature in VMware vSphere ensures zero downtime and prevents data loss when a physical server fails?

A. vSphere Data Protection
B. High Availability
C. Fault Tolerance
D. vSphere Replication

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

QUESTION 2
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.

Answer: CE

QUESTION 3
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

Answer: BD

QUESTION 4
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.

Answer: C

QUESTION 5
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.

Answer: B

QUESTION 6
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.

Answer: BE
Explanation:
https://www.vmware.com/products/vrealize-business-for-cloud.html

QUESTION 7
Which is the definition of VMware Cloud Foundation?

A. A Unified Software-Defined Data Center platform that integrates VMware compute, storage, and network visualization 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.

Answer: A
Explanation:
https://www.vmware.com/products/cloud-foundation.html

QUESTION 8
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

Answer: D

QUESTION 9
Which three choices are design principles? (Choose three.)

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

Answer: ACD

QUESTION 10
Which VMware solution provides the highest availability?

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

Answer: C
Explanation:
https://www.vmware.com/pdf/vmware_ha_wp.pdf

QUESTION 11
An architect is tasked with working with the Line of Businesses 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 Suit products provide this functionality? (Choose two.)

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

Answer: BE
Explanation:
https://www.vmware.com/products/vrealize-operations.html

QUESTION 12
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

Answer: A
Explanation:
Rapidly deploy full-featured, personalized digital workspaces leveraging JMP technologies, which include Instant Clones, App Volumes and User Environment Management. Easily monitor performance, set up alerts and remediate issues to improve the user experience.
https://www.vmware.com/products/horizon.html

QUESTION 13
Drag and Drop
Match the requirement to the appropriate VMware solution.

Requirement		Solution
Microsegmentation		NSX
Centralized management of desktops and application		Horizon
Manage and Secure Applications in the cloud		Cross Cloud Architecture
Fully Automated Datacenter		SDDC

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QUESTION 14
Drag and Drop
Each edition of vRealize Suite 7.0 is targeted at a specific initiative. Match the initiatives with the correct editions.

Initiative		Edition
Intelligent Operations		Standard
Automated IT to IaaS (Infrastructure as a Service)		Advanced
DevOps-Ready IT		Enterprise

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QUESTION 15
Which is the main differentiator for VMware vSAN when compared to a Virtual Storage Appliance (VSA)?

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

Answer: D
Explanation:
https://blogs.vmware.com/vsphere/2013/08/comparing-vmware-vsa-vmware-virtual-san.html

QUESTION 16
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 a 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.

Answer: B

Explanation:
https://pubs.vmware.com/NSX-6/index.jsp?topic=%2Fcom.vmware.nsx.admin.doc%2FGUID-69010816-CADD-4BEB-8915-8C8E2C044E0B.html

QUESTION 17
How does the 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.

Answer: B

QUESTION 18
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.

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

QUESTION 19
What are two key cloud challenges faced 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

Answer: DE

QUESTION 20
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 RAIDS array
E. VMware compatible X86 server hardware

Answer: AB

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

Answer: BC

QUESTION 22
What are the three vRealize Suite editions offered by VMware?

A. Standard, Advanced, Enterprise
B. Standard, Enterprise, Enterprise Plus
C. Foundation, Standard, Enterprise
D. Advanced, Enterprise, Enterprise Plus

Answer: A
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.
https://www.vmware.com/products/vrealize-suite.html

QUESTION 23
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

Answer: ABCEG
Explanation:
https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vrealize-suite/vmware_vrs_datasheet.pdf

QUESTION 24
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.

Answer: AB

QUESTION 25
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

Answer: ABD

QUESTION 26
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

Answer: D
Explanation:
https://blogs.vmware.com/consulting/tag/horizon-mirage

QUESTION 27
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

Answer: B

QUESTION 28
VMware vRealize Suite Cloud Management Platform reduces the complexity of provisioning machines running on which ptatform(s)?

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

Answer: A

QUESTION 29

What are the components of VMware HCS (Hyper-Converged Software)?

A. VMware vCenter Server, vSphere and vSAN
B. X86 Server Hardware only
C. VMware VSA (virtual Storage Appliance)
D. VMware vSAN only

Answer: A

QUESTION 30
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

Answer: ABCE
Explanation:
https://www.vmware.com/techpapers/2014/application-delivery-options-in-vmware-horizon-10430.html
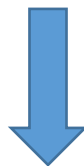https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/horizon/vmware-horizon-7-datasheet.pdf

QUESTION 31
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.

Answer: ......

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