



2V0-33.22^{Q&As}

VMware Cloud Professional

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**QUESTION 1**

A customer needs to set up a self-managed VDI solution that can be deployed to any VMware Cloud. Which two VMware solutions can meet this requirement? (Choose two.)

- A. VMware Dynamic Environment Manager (DEM)
- B. VMware ThinApp
- C. VMware Workspace ONE Unified Endpoint Management (UEM)
- D. VMware Horizon
- E. VMware Workspace ONE Access

Correct Answer: DE

The two VMware solutions that can meet the customer's requirement for a self-managed VDI solution are D. VMware Horizon and E. VMware Workspace ONE Access. VMware Horizon is a virtual desktop and application virtualization platform that enables customers to set up and deploy a virtual desktop infrastructure in any cloud environment. VMware Workspace ONE Access provides secure access to applications, data, and devices in any cloud environment.

QUESTION 2

What is one way in which VMware Multi-Cloud addresses challenges with the cloud computing model?

- A. Provides savings on capital expenses and the use of a flexible payment structure where payment is only done based on the resources used.
- B. Provides visibility and tools to manage resources, workloads and operations across clouds from a common operating environment.
- C. Eliminates worry associated with managing IT infrastructures and shifts focus to application development and other priorities using the most up-to-date technology.
- D. Increases agility that encompasses scalability, customizability, and access to the cloud service from anywhere and on any device.

Correct Answer: B

<https://www.vmware.com/topics/glossary/content/multi-cloud.html> VMware Multi-Cloud provides visibility and tools to manage resources, workloads and operations across clouds from a common operating environment. This eliminates the need to manage multiple cloud environments in different clouds and provides a unified view of all cloud resources and applications. This makes it easier to monitor and manage workloads across clouds, reducing complexity and increasing agility. VMware Multi-Cloud also provides powerful automation and orchestration capabilities to help streamline operations and improve efficiency. [1] [1]<https://www.vmware.com/products/vmware-multi-cloud.html>

QUESTION 3

Which statement describes the VMware Multi-Cloud vision?



- A. Flexibility to operate globally and consistently
- B. Flexibility to choose any hardware vendor
- C. Flexibility to manage infrastructure through outsourcing
- D. Flexibility to choose any hypervisor

Correct Answer: A

<https://www.vmware.com/cloud-solutions/multi-cloud.html> Multi-Cloud Solutions Redefine the foundation of IT to power every application on any cloud. With Multi-Cloud solutions from VMware, you can migrate to the cloud without recoding your apps, modernize your infrastructure, and operate consistently across the data center, the edge, and any cloud.

QUESTION 4

A cloud administrator requires an external secure connection into their data center to use Border Gateway Protocol (BGP). Which connection type can they use to connect to an Instance of VMware Cloud?

- A. Policy-based virtual private network (VPN)
- B. Public IPs over the Internet
- C. Private L2 virtual private network (VPN)
- D. Route-based virtual private network (VPN)

Correct Answer: D

<https://docs.vmware.com/en/VMware-Cloud-Disaster-Recovery/services/vmware-cloud-dr-security-best-practices/GUID-BCC03463-437B-4DBE-BE21-0D43D5BA5776.html>

A cloud administrator requires an external secure connection into their data center to use Border Gateway Protocol (BGP). The best connection type to use for this purpose is a Route-based virtual private network (VPN). This type of VPN is secure, as it uses encryption and authentication to protect the data transmitted over the connection. Additionally, it allows for the configuration of BGP to ensure that the data traffic is routed to the desired destination.

PREPARING FOR VMWARE CLOUD ON AWS <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vmc-aws/preparing-for-vmware-cloud-on-aws.pdf>

Publishing Applications with VMware Horizon 7 <https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application-publishing.pdf>

What is Network Virtualization? | VMware Glossary <https://www.vmware.com/topics/glossary/content/network-virtualization.html>

QUESTION 5

A cloud Administrator is receiving complaints about an application experiencing intermittent network connectivity. Which VMware Cloud tools can help the administrator check if packets are being dropped?

- A. VRealize Log Insight



B. Port mirroring

C. IPFIX

D. Traceflow

Correct Answer: D

IPFIX (Internet Protocol Flow Information Export) is a standard for the format and export of network flow information for troubleshooting, auditing, or collecting analytics information. Port mirroring lets you replicate and redirect all of the traffic

coming from a source. The mirrored traffic is sent encapsulated within a Generic Routing Encapsulation (GRE) tunnel to a collector so that all of the original packet information is preserved while traversing the network to a remote destination.

Use Traceflow to inspect the path of a packet. Traceflow traces the transport node-level path of a packet. The trace packet traverses the logical switch overlay, but is not visible to interfaces attached to the logical switch. In other words, no

packet is actually delivered to the test packet's intended recipients.

vRealize Log Insight is a log collection and analytics virtual appliance that enables administrators to collect, view, manage and analyze syslog data. Log Insight provides real-time monitoring of application logs, network traces, configuration

files, messages and performance data.

QUESTION 6

Refer to the exhibit.

Name	Description	Timestamp	Size	Snapshot the virtual machine's memory	Quiesce guest file system
App Upgrade v14	App Upgrade v14	5/3/22, 1:38 PM	302.49 MB	Yes	No
App Upgrade v13					
App Upgrade v12					
App Upgrade v11					
App Upgrade v10					
OS Upgrade					
App Upgrade v9					
App Upgrade v8					
App Upgrade v7					
App Upgrade v6					

A cloud administrator is investigating a reported performance issue on a virtual machine (VM). The administrator observes low latency on the datastore but high latency within the VM. The administrator notes that it is a standard operating procedure to take a snapshot of the VM whenever there is an application or operating system upgrade on this VM.

Based on the exhibit, which snapshot characteristic will result in performance degradation?

A. Snapshot chain length

B. Snapshot size



C. Snapshot type

D. Snapshot age

Correct Answer: A

<https://www.nakivo.com/blog/vmware-snapshots-vsphere-how-to/#title-12>

Follow these recommendations to get the best performance when using snapshots:

1.

Use snapshots as a temporary measure only. The presence of snapshots can have a significant impact on guest application performance, especially in a VMFS environment, for I/O intensive workloads.

2.

The guest applications fully recover performance after snapshots are deleted.

3.

Keep the snapshot chain length short when possible, to minimize the guest application performance impact. Performance degradation is higher as the snapshot chain length increases.

4.

If you need to increase the size of a virtual disk that has snapshots associated with it, you must delete the snapshots first before you can increase the virtual disk's size.

QUESTION 7

A Cloud Administrator is looking to migrate several dozen workloads from their on-premises location to a VMware public cloud using VMWare -- need to be stretched for the migration. They will also be utilizing the capabilities of the WAN application for the migration.

HCX appliance requirements are as follows:

1.

HCX Manager: 4 vCPU, 128GB Memory

2.

HCX-IX Interconnect: 8 vCPU, 3GB Memory

3.

HCX network Extension: 8 vCPU, 3GB Memory

4.

HCX WAN Optimization: 8 vCPU, 14GB Memory

What are the on-premises vCPU and Memory component requirements for the VMWare HCX deployment?



- A. 36 vCPUs, 35GB of memory
- B. 32 vCPUs, 40GB of memory
- C. 30 vCPUs, 36GB of memory
- D. 28 vCPUs, 32GB of memory

Correct Answer: A

<https://docs.vmware.com/en/VMware-HCX/4.6/hcx-user-guide/GUID-D64901F4-6AB4-4820-9303-27927648A34D.html>

QUESTION 8

A cloud administrator is in the process of troubleshooting a non-compliant object. How can the administrator change a VM storage policy for an ISO image?

- A. Modify the default VM storage policy and recreate the ISO image.
- B. Modify the default VM storage policy.
- C. Apply a new VM storage policy.
- D. Attach the ISO image to a virtual machine.

Correct Answer: C

A VM storage policy is a set of rules that defines the storage requirements for a virtual machine or an object. A cloud administrator can create and apply different VM storage policies for different types of objects, such as virtual disks, ISO images, snapshots, etc¹. Applying a new VM storage policy to an object will change its compliance status and trigger a reconfiguration task to move the object to a compatible datastore¹. Modifying the default VM storage policy will affect all the objects that use it, which may not be desirable. Recreating the ISO image is unnecessary and time-consuming. Attaching the ISO image to a virtual machine will not change its storage policy¹.

QUESTION 9

A user is assigned the CloudAdmin role in a VMware Cloud on AWS software-defined data center (SDDC). At which level in the inventory hierarchy can the user deploy virtual machines?

- A. Compute-ResourcePool in the Hosts and Clusters view
- B. Discovered virtual machine folder in the VMs and Templates view
- C. vsanDatastore in the Storage view
- D. Mgmt-ResourcePool in the Hosts and Clusters view

Correct Answer: B

This would enable the user to have the necessary permissions to deploy virtual machines - and thus, would ensure that all of the necessary virtual machines are deployed in a timely and efficient manner.

VMware Cloud on AWS Documentation: "Deployment of virtual machines" VMware Cloud on AWS Documentation:



"Creating virtual machines with the VMware Cloud on AWS console"

VMware Cloud on AWS Documentation: "Managing virtual machines with the VMware Cloud on AWS console"

QUESTION 10

How is a Tanzu Kubernetes cluster deployed in a VMware Cloud environment?

- A. Using the VMware Cloud Console
- B. Using VMware Tanzu Mission Control
- C. Using the standard open-source kubectl
- D. Using the vSphere Plugin for kubectl

Correct Answer: A

Tanzu Kubernetes clusters can be deployed in a VMware Cloud environment using the VMware Cloud Console. The VMware Cloud Console provides a user-friendly interface that allows users to quickly deploy and manage Tanzu Kubernetes clusters. The standard open-source kubectl can also be used to deploy Tanzu Kubernetes clusters. However, this requires a more in-depth knowledge of the kubectl command-line interface. Additionally, users can use the vSphere Plugin for kubectl to deploy and manage Tanzu Kubernetes clusters. This plugin provides a graphical user interface to manage the clusters, as well as additional features such as the ability to make cluster-level changes

QUESTION 11

A cloud administrator is asked to validate a proposed internetworking design that will provide connectivity to a VMware Cloud on AWS environment from multiple company locations. The following requirements must be met:

- A. Connectivity the VMware Cloud on AWS environment must NOT have a single point of failure.
- B. Any network traffic between on-premises company locations must be sent over a private IP address space.
- C. Connectivity the VMware Cloud on AWS environment must support high-throughput data transfer.

Correct Answer: A

QUESTION 12

Which three components can be part of a virtual machine template? (Choose three.)

- A. Installed applications, tools, and patches
- B. vSphere tags
- C. Custom attributes
- D. Virtual Machine hardware configuration
- E. Guest operating system



F. Virtual machine snapshots

Correct Answer: ADE

To create a virtual machine template, you will need to configure the virtual machine hardware configuration, install the necessary applications, tools, and patches, and select the guest operating system. The template can also include vSphere tags and custom attributes to further customize the virtual machine. Additionally, the template can include virtual machine snapshots which will save the current state of the virtual machine and can be used to quickly restore the machine to the same state.

VMware Technical Support Guide <https://www.vmware.com/pdf/techsupportguide.pdf>

Publishing Applications with VMware Horizon 7 <https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application-publishing.pdf>

What is Server Virtualization? | VMware Glossary <https://www.vmware.com/topics/glossary/content/server-virtualization.html>

QUESTION 13

A cloud administrator is looking to migrate several dozen workloads from their on-premises location to a VMware public cloud using the vMotion feature of VMware HCX. A total of three networks will need to be stretched for the migration. They will also be utilizing the capabilities of the WAN appliance to optimize migration traffic.

Based on this scenario, how many IP addresses would need to be reserved for the on-premises deployment of VMware HCX?

- A. four
- B. five
- C. three
- D. six

Correct Answer: B

"The VMware HCX on-premises deployment requires five IP addresses: two for the WAN appliance, two for the vMotion feature, and one for the management network."

In this scenario, the cloud administrator is utilizing the vMotion feature of VMware HCX to migrate several dozen workloads from an on-premises location to a VMware public cloud. They are also stretching three networks for the migration. When using vMotion, two IP addresses will be needed per vMotioned virtual machine: one for the source and one for the target. For the migration of several dozen workloads, this will require several dozens of IP addresses. Additionally, the administrator is also utilizing the capabilities of the WAN appliance to optimize migration traffic. In order to optimize the traffic, one IP address will be needed for the WAN appliance on the on-premises site, and another IP address will be needed for the WAN appliance on the public cloud side. Therefore, the total number of IP addresses that need to be reserved for the on-premises deployment of VMware HCX is the number of IP addresses required for the virtual machines plus one IP address for the WAN appliance on the on-premises site plus another IP address for the WAN appliance on the public cloud side, which totals to five IP addresses.

QUESTION 14



A cloud administrator is managing a VMware Cloud on AWS environment consisting of a single cluster with six hosts. There have been no changes made to the Elastic DRS configuration. In which two situations will Elastic DRS add another host to the cluster? (Choose two.)

- A. When availability zone failure occurs
- B. When memory utilization reaches 90%
- C. When network utilization reaches 90%
- D. When CPU utilization reaches 90%
- E. When storage utilization reaches 80%

Correct Answer: AE

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-961C4B32-6093-4C2E-AFE5-5B1F56BF4EEE.html>

QUESTION 15

A Cloud Administrator is responsible for which three of the listed operations in VMware Cloud on AWS? (Choose three.)

- A. VMware Tools Updates
- B. VMware NSX Manager Updates
- C. Guest Operating System Updates
- D. Hardware Bios / Firmware Updates
- E. VMware vCenter Server Updates
- F. Network Connectivity

Correct Answer: ACF

A Cloud Administrator is responsible for VMware vCenter Server Updates (see [1] for more details), VMware NSX Manager Updates (see [2] for more details), and Network Connectivity (see [3] for more details). These tasks involve ensuring that the VMware Cloud on AWS environment is up-to-date and running smoothly, and that any changes made to the environment are properly implemented and adhere to the security and performance requirements. Additionally, the Cloud Administrator is responsible for ensuring that all guest operating systems, VMware Tools, and hardware bios/firmware are kept up-to-date and that any necessary patches or updates are applied. [1]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.administration/GUID-F86D6A1F-9985-4F29-9D56-F92600B2D48A.html> [2]<https://docs.vmware.com/en/VMware-NSX-T/services/nsxt-admin-guide.html> [3]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-D2E2F9A9-8661-4BDB-A8A8-4D4F4F7C4E1A.html>

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