



**VMware**

**Exam Questions 2V0-33.22**

VMware Cloud Professional

### NEW QUESTION 1

A cloud administrator wants to restrict Junior administrators to creating, deleting, and managing virtual machines in the Development folder In the VMware Cloud on AWS vCenter Server instance.

Which type of access should be granted to these junior administrators?

- A. CloudAdmin role and global permissions
- B. CloudAdmin role on the Development folder
- C. Administrator role on the Development folder
- D. Administrator role on the cloud vCenter Server instance

**Answer: B**

#### Explanation:

This role is designed to give administrators access to manage virtual machines, networks, and other settings within the folder. The CloudAdmin role will also give the junior administrators access to all global permissions that are associated with the Development folder.

"The CloudAdmin role is designed to give administrators access to manage a single folder. This role grants access to manage virtual machines, networks, and other settings within the folder. Additionally, this role grants access to all global permissions that are associated with the folder. Foreexample, if the folder has global permissions that allow users to create or delete virtual machines, the CloudAdmin role will grant access to those permissions within the folder."

The CloudAdmin user can grant other users or groups read-only access to VMware Cloud on AWS vCenter management objects such as the Mgmt-ResourcePool, Management VMs folder, Discovered Virtual Machines folder, vmc-hostswitch, and vsanDatastore. Because this read-only access does not propagate to management objects, you cannot grant it as a Global Permission and instead must explicitly grant it for each management object. VMware Cloud on AWS runs a script once a day that updates any newly-created management objects (such as objects in a new cluster) so that the CloudAdmin user and CloudAdminGroup SSO group have the updated role applied. The script itself does not grant additional access to any user or group, so you'll need to wait until it completes before the CloudAdmin can use this workflow to grant read-only access to those objects.

### NEW QUESTION 2

A cloud administrator is deploying a new software-defined data center (SDDC) in VMware Cloud on AWS. Long-term planning indicates that a minimum of 30 hosts are required.

What is a valid management network CIDR based on the requirements?

- A. 10.4.0.0/23
- B. 10.3.0.0/24
- C. 10.2.0.0/16
- D. 10.1.0.0/20

**Answer: D**

#### Explanation:

A valid management network CIDR based on the requirements is 10.1.0.0/20, as this provides a range of 4096 IP addresses, which is more than enough for 30 hosts. A /23 CIDR only provides 512 IP addresses, which is not enough for 30 hosts, while a /24 CIDR provides 256 IP addresses and a /16 CIDR provides 65,536 IP addresses, which is more than is needed for the 30 hosts.

<https://blogs.vmware.com/cloud/2019/10/03/selecting-ip-subnets-sddc/>

### NEW QUESTION 3

In VMware Cloud Disaster Recovery (VCDR), a protection group consists of which two components? (Choose two.)

- A. Members
- B. Policies for snapshots
- C. Virtual Machine File System (VMFS) datastores
- D. VM customizations
- E. Clusters

**Answer: AB**

#### Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Disaster-Recovery/services/vmware-cloud-disaster-recovery/GUID> A protection group in VMware Cloud Disaster Recovery (VCDR) consists of members (virtual machines or VMs) and policies for snapshots. These policies define the consistent point-in-time copies of the VMs, which are used for disaster recovery. The protection group also includes virtual machine file system (VMFS) datastores, which are used to store the copies of the VMs, and VM customizations, which are used to customize the VMs. Clusters are not part of a protection group in VCDR.

### NEW QUESTION 4

Which four steps must a cloud administrator take to deploy a new private cloud In Azure VMware Solution? (Choose four.)

- A. Identify the maximum number of hosts needed for future capacity.
- B. Identify the desired availability zone.
- C. Identify a management CIDR of size /22.
- D. Open a support request with Microsoft Azure requesting capacity.
- E. Identify a management CIDR of size /20.
- F. Identify the desired region.
- G. Identify the current number of hosts needed.

**Answer: BCDG**

#### Explanation:

➤ Identify the desired region. This determines where your private cloud will be deployed and which Azure services are available.

➤ Identify a management CIDR of size /22. This determines the IP address range for your private cloud management components such as vCenter Server, NSX Manager, etc.

- Open a support request with Microsoft Azure requesting capacity. This ensures that there are enough hosts available for your private cloud deployment.
  - Identify the current number of hosts needed. This determines how many hosts will be provisioned initially for your private cloud cluster.
- <https://vmc.techzone.vmware.com/resource/avs-planning-and-deployment-guide>

#### NEW QUESTION 5

An administrator is tasked with collecting a support bundle from a Tanzu Kubernetes cluster for a support case. How can the administrator collect this support bundle for the Tanzu Kubernetes cluster?

- A. Run the -tkc-support-bundler command.
- B. Run the kubact1 logs my-pod command
- C. Run a compression tool of the log files located in /var/log/vmware/wcp/.
- D. Run the vm-support command.

**Answer:** A

#### Explanation:

<https://kb.vmware.com/s/article/80949>

Tanzu Kubernetes Grid (TKG) provides a command line tool called tkg-support-bundler which can be used to collect the necessary information and logs for troubleshooting and support cases. The command can be run on the TKG CLI and it will gather all the necessary information and logs from the TKG control plane and worker nodes, and package them into a single compressed bundle file. This bundle file can then be provided to VMware support for further analysis.

#### NEW QUESTION 6

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)

**Answer:** D

#### Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Disaster-Recovery/services/vmware-cloud-dr-security-best-practic> 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-vmwar>

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

What is Network Virtualization? | VMware Glossary

<https://www.vmware.com/topics/glossary/content/network-virtualization.html>

#### NEW QUESTION 7

A cloud administrator is tasked with migrating workloads from an on-premises environment to a VMware Cloud on AWS software-defined datacenter (SDDC) with no downtime while retaining their IP Address. Which connectivity type should be used?

- A. Private policy-based IPsec VPN
- B. Private route-based IPsec VPN
- C. Open VPN
- D. Private Layer 2 VPN

**Answer:** D

#### Explanation:

Private L2 VPN: To migrate running VMs between SDDCs in different geographical locations.

You use a private layer 2 (L2) VPN to extend an on-premises network to your cloud SDDC. This extended network is a single subnet with a single broadcast domain.

You can use L2 VPNs to migrate VMs to and from your cloud SDDC, for disaster recovery, or for dynamic access to cloud computing resources (often called cloud bursting).

VM migrations across an L2 VPN support VLAN tagging and GENEVE frame encapsulation when migrating between a cloud SDDC to another SDDC.

The L2 VPN tunnel extends layer 2 networks across geographic sites. VMs can move across sites (using vSphere vMotion) and keep the same IP addresses using an L2 VPN.

#### NEW QUESTION 8

Which three functions are provided by the components within the Kubernetes control plane? (Choose three.)

- A. Balances pods across the nodes within a Kubernetes cluster.
- B. Ensures that containers are running in a pod.
- C. Configures network rules to route traffic to containers within the Kubernetes cluster.
- D. Stores Kubernetes cluster data in a key-value data store.
- E. Watches the API for changes and responds with appropriate actions.
- F. Stores and distributes container images.

**Answer:** ADE

#### Explanation:

<https://kubernetes.io/docs/concepts/overview/components/#control-plane-components>

#### NEW QUESTION 9

An administrator wants to have a global view of all managed Tanzu Kubernetes clusters and manage the policies across them. Which solution would the administrator use?

- A. VMware Tanzu Mission Control
- B. VMware Tanzu Observability by Wavefront
- C. VMware Tanzu Service Mesh
- D. VMware Tanzu Kubernetes Grid

**Answer:** A

#### Explanation:

VMware Tanzu Mission Control provides a central platform to manage and view all Tanzu Kubernetes clusters and workloads running in the environment. It allows administrators to set policies across multiple clusters, set up cluster identities, monitor cluster health and performance, and much more. Tanzu Mission Control also provides access to a variety of cloud-native tools, such as Kubernetes Dashboard, Helm, and Kubeapps.

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

<https://www.vmware.com/pdf/techsupportguide.pdf>

Quick-Start Tutorial for VMware Dynamic Environment Manager ... [https://techzone.vmware.com/resource/quick-start-tutorial-vmware-dynamic-environment-](https://techzone.vmware.com/resource/quick-start-tutorial-vmware-dynamic-environment-manager)

manager "VMware Tanzu® Mission Control™ is a centralized management platform for consistently operating, managing, and securing Kubernetes infrastructure and modern applications across teams and clouds. It provides a global view of all of the Kubernetes clusters. You can use the resource hierarchy to manage and enforce consistent policies across Kubernetes clusters. "

#### NEW QUESTION 10

What are two key benefits of VMware's partnerships with hyperscalers? (Choose two.)

- A. Access to native public cloud services
- B. Automation of infrastructure operations in a single view
- C. Seamless workload migration across clouds
- D. One-click conversion to cloud native services
- E. Elimination of egress costs

**Answer:** AC

#### Explanation:

VMware's partnerships with hyperscalers, such as AWS and Google Cloud, provide customers with access to native public cloud services and the ability to easily and securely migrate workloads between clouds. This allows customers to take advantage of the best features of each cloud provider while managing their workloads in a single view. It also eliminates the need to pay egress costs when moving workloads between clouds.

#### NEW QUESTION 10

A cloud administrator is responsible for managing a VMware Cloud solution and would like to ensure that I/O-intensive workloads run in the most optimum way possible.

Which two steps should the administrator complete on I/O-intensive workloads to meet this requirement? (Choose two.)

- A. Ensure that the VMware hardware version is 7 or later.
- B. Enable the memory hot-add feature.
- C. Configure the LSI Logic Parallel SCSI controller.
- D. Configure the VMware Paravirtual SCSI (PVSCSI) adapter.
- E. Configure a maximum of two CPU cores per socket.

**Answer:** AD

#### Explanation:

The two steps that the cloud administrator should complete on I/O-intensive workloads to ensure the best performance possible are to configure the VMware Paravirtual SCSI (PVSCSI) adapter and to ensure that the VMware hardware version is 7 or later. The PVSCSI adapter provides improved performance and scalability compared to the LSI Logic Parallel SCSI controller. Additionally, the hardware version should be 7 or later to ensure that the virtual machine is able to take advantage of the latest features and enhancements. Enabling the memory hot-add feature and configuring a maximum of two CPU cores per socket will not improve the performance of I/O-intensive workloads.

Why does VMware refuse to educate their customers ... - VMware ... [https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-](https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-to-educate-their-c)  
to-educate-their-c 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>

#### LSI Logic Parallel, LSI Logic SAS, or VMware Paravirtual

For most guest operating systems, the default virtual storage adapter in VMware Cloud on AWS is either LSI Logic Parallel or LSI Logic SAS, depending on the guest operating system and the virtual hardware version.

However, VMware Cloud on AWS also includes a paravirtualized SCSI storage adapter, PVSCSI (also called VMware Paravirtual). The PVSCSI adapter offers a significant reduction in CPU utilization as well as potentially increased throughput compared to the default virtual storage adapters, and is thus the best choice for environments with very I/O-intensive guest applications.

In order to use PVSCSI, your VM must be using virtual hardware version 7 or later.

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-performance.pdf>



#### NEW QUESTION 12

A cloud administrator has a portion of its on-premises infrastructure hardware that is going to be again out of its support lifecycle later this year. Due to the regulatory requirement, the applications running on this hardware cannot be migrated to the public cloud, but the Administrator is also trying to reduce its operational expenses of managing and maintaining the hardware it owns and reduce capital expenditures. Which two solutions would achieve these goals? (Choose two.)

- A. VMware Cloud on AWS Outpost
- B. VMware Cloud on Dell EMC
- C. VMware Cloud Foundation
- D. Oracle Cloud VMware Solution
- E. VMware Cloud on AWS

**Answer:** BE

#### Explanation:

VMware Cloud on Dell EMC is a service that allows customers to deploy and manage VMware Cloud Foundation in their own data center, eliminating the need to buy and maintain their own hardware. This solution allows customers to reduce costs associated with maintaining their own hardware, as well as reduce capital expenditures by not needing to buy new hardware.

VMware Cloud on AWS is a fully managed service that allows customers to run their VMware-based workloads on the AWS Cloud. This solution allows customers to take advantage of the scalability and cost savings of the public cloud, while still being able to maintain regulatory compliance for their workloads.

According to VMware's official website, "VMware Cloud on AWS is an on-demand service that enables customers to run applications across vSphere-based cloud environments with access to a broad range of AWS services. Customers get the same architecture, features, and operational experience regardless of where you deploy applications – on-premises, in the cloud, or in a hybrid or multi-cloud configuration." [1]

[1] <https://www.vmware.com/products/vmware-cloud-on-aws.html>

#### NEW QUESTION 14

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.

**Answer:** B

#### Explanation:

<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>

#### NEW QUESTION 17

Which Tanzu Kubernetes Grid component provides authentication, ingress, logging and service discovery?

- A. Tanzu Supervisor cluster
- B. Tanzu CU
- C. Tanzu Kubernetes cluster
- D. Tanzu Kubernetes Grid extensions

**Answer:** C

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-4D0D375F-C001-4F1D-> <https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-4D0D375F-C001-4F1D->

#### NEW QUESTION 19

VMware Engine cloud administrator is tasked with ensuring that a dedicated, secure, high-speed, and low-latency connection exists between an on-premises VMware Engine. Which two options are available for Google Cloud VMware Engine? (Choose two.)

- A. Partner Interconnect
- B. Global Reach
- C. Dedicated Interconnect
- D. ExpressRoute
- E. Direct Connect

**Answer:** AC

#### Explanation:

<https://cloud.google.com/architecture/private-cloud-networking-for-vmware-engine>

Dedicated Interconnect provides a private[1][2], dedicated connection between your on-premises network and Google's network. It offers low latency, high bandwidth, and a secure connection. Partner Interconnect provides a connection to Google Cloud Platform through a partner's network, such as a service provider or a carrier. It offers the same low latency, high bandwidth, and secure connection, but is slightly slower than Dedicated Interconnect.

References: [1] <https://cloud.google.com/interconnect/docs/concepts/types> [2] <https://docs.vmware.com/en/VMware-Cloud-on>

#### NEW QUESTION 24

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 a 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%

**Answer:** AE

**Explanation:**

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-961C4>

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-961C4>

#### NEW QUESTION 26

A cloud administrator wants to deploy a VMware Cloud software-defined data center (SDDC) on a cloud provider and requires a consistent 4.5 Gbps bandwidth from applications to communicate from on-premises to the SDDC. Which type of connection should be used for this type of traffic?

- A. Policy-based virtual private network (VPN)
- B. Private L2 virtual private network (VPN)
- C. Route-based virtual private network (VPN)
- D. Private line

**Answer:** C

**Explanation:**

The best option for a cloud administrator who wants to deploy a VMware Cloud software-defined data center (SDDC) on a cloud provider and requires a consistent 4.5 Gbps bandwidth from applications to communicate from on-premises to the SDDC is a Route-Based Virtual Private Network (VPN). This type of connection offers enhanced performance [1][2], flexibility, scalability, and security compared to other options, such as Policy-Based Virtual Private Network (VPN), Private L2 Virtual Private Network (VPN), or Private Line.

According to the VMware official site, "Route-based VPN enables a secure connection between two or more sites, or between a site and a mobile user, and provides better performance and scalability than a policy-based VPN. Route-based VPNs are also more secure than policy-based VPNs, because the traffic is encrypted with a unique encryption key for each tunnel, rather than relying on a shared key for all tunnels. This allows for secure and reliable connections for devices and applications located in different physical locations." [1]

[1] <https://docs.vmware.com/en/VMware-NSX-Data-Center/2.4/com.vmware.nsx.admin.doc/GUID-D6B7B9E>

#### NEW QUESTION 29

What is the purpose of the VMware Cloud on AWS Compute Gateway (CGW)?

- A. A Tier-1 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined data center (SDDC)
- B. A Tier-1 router that handles workload traffic that is connected to routed compute network segments
- C. A Tier-0 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined data center (SDDC)
- D. A Tier-0 router that handles workload traffic that is connected to routed compute network segments

**Answer:** B

**Explanation:**

Compute Gateway (CGW) The CGW is a Tier 1 router that handles network traffic for workload VMs connected to routed compute network segments. Compute gateway firewall rules, along with NAT rules, run on the Tier 0 router. In the default configuration, these rules block all traffic to and from compute network segments (see Configure Compute Gateway Networking and Security).

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-on-aws-networking-security.pdf>

#### NEW QUESTION 33

A customer is looking to leverage a VMware Public Cloud solution to provide them with additional compute capacity as seasonal demand increases for their online business.

The current on-premises data center is configured as follows:

- VMware vSphere 7.0
- VMware vSphere Distributed Switch (vDS) 7.0
- Management and Server network - 172.18.0.0/16
- vMotion network - 192.168.120.0/24
- 250 application servers

Given the information in the scenario, which capability of VMware HCX will the customer not be able to utilize?

- A. Cold migration
- B. Layer 2 extension
- C. Bulk migration
- D. WAN optimization

**Answer:** B

**Explanation:**

According to the VMware official guide, VMware Tanzu Service Mesh is a cloud-native service mesh platform that simplifies the secure communication between microservices running in Kubernetes clusters. It provides secure and consistent network communication between services and enables policy-driven authorization and observability. With its distributed tracing capabilities, Tanzu Service Mesh can help administrators easily monitor and troubleshoot their applications. It also provides a unified platform to manage the lifecycle of Tanzu Kubernetes clusters, including provisioning, upgrades, patching, and more.

#### NEW QUESTION 37

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

**Answer:** A

#### Explanation:

<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.

#### NEW QUESTION 40

A virtual machine running in VMware Cloud on AWS is experiencing poor CPU performance. What are two steps the cloud administrator can take to troubleshoot this issue? (Choose two.)

- A. Physically access the console of the VMware ESXi host where the virtual machine resides and use the command line to review the logs.
- B. Use the Troubleshooting Workbench in VMware vRealize Operations Cloud to look for potential evidence.
- C. Set the power management policy on the VMware ESXi host to "High Performance."
- D. Log in to the VMware ESXi host using SSH and run 'esxtop' to examine CPU statistics.
- E. Use the VMware vSphere Client to connect to the VMware vCenter which manages the virtual machine and examine its performance statistics.

**Answer:** BE

#### Explanation:

"It is a good idea to periodically monitor the CPU usage of the host. This can be done through the vSphere Client, using the VMware vRealize Operations management suite, or by using resxtop. Below we describe how to interpret resxtop"<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-performance.pdf>

➤ Use the VMware vSphere Client to connect to the VMware vCenter which manages the virtual machine and examine its performance statistics. You can use charts, alarms, and events to identify CPU bottlenecks or contention.

➤ Use the Troubleshooting Workbench in VMware vRealize Operations Cloud to look for potential evidence. You can use dashboards, alerts, metrics, logs, and recommendations to diagnose and resolve CPU performance issues.

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-performance.pdf>

#### NEW QUESTION 42

Which two steps should an administrator take to allow HTTPS access to a specific virtual machine (VM) through the public Internet for VMware Cloud on AWS? (Choose two.)

- A. Create a custom service called HTTPS using port 443.
- B. Configure AWS Direct Connect.
- C. Configure a SNAT rule translating an internal IP address to a public IP address.
- D. Request a public IP address in the VMware Cloud console.
- E. Configure a DNAT rule translating a public IP address to an internal IP address.

**Answer:** AD

#### Explanation:

To allow HTTPS access to a specific VM through the public Internet for VMware Cloud on AWS, the administrator must first create a custom service called HTTPS using port 443. They must then request a public IP address in the VMware Cloud console.

#### NEW QUESTION 43

A cloud administrator is managing a container environment. The application team has complained that they need to manually restart containers in the event of a failure.

Which solution can the administrator implement to solve this issue?

- A. Kubernetes
- B. VMware vSphere High Availability
- C. VMware vSphere Fault Tolerance
- D. Prometheus

**Answer:** A

#### Explanation:

Kubernetes is an open-source container orchestration system that provides automated deployment, scaling, and management of containers. It can be used to set up an automated restart policy for containers in the event of a failure, ensuring that containers are automatically restarted when they fail.

VMware Stage Manager User's Guide [https://www.vmware.com/pdf/stagemanager1\\_Users\\_Guide.pdf](https://www.vmware.com/pdf/stagemanager1_Users_Guide.pdf)

#### NEW QUESTION 46

Refer to the exhibit.



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

**Answer:** A

**Explanation:**

<https://www.nakivo.com/blog/vmware-snapshots-vsphere-how-to/#title-12> Follow these recommendations to get the best performance when using snapshots:

- 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. The guest applications fully recover performance after snapshots are deleted.
- 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.
- 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.

**NEW QUESTION 48**

A customer is concerned about threats propagating out to their cloud disaster recovery site. Which VMware Cloud solution offers the capability for an operational air-gap to stop ransomware?

- A. VMware Cloud Disaster Recovery
- B. VMware Hybrid Cloud Extension
- C. VMware Site Recovery
- D. VMware Secure Access Service Edge

**Answer:** A

**Explanation:**

<https://blogs.vmware.com/virtualblocks/2021/09/28/operational-air-gaps/>

Operational isolation (operational “air-gapping”) is critical to DR. VMware Cloud DR was designed from the very beginning for its systems and repository to be operationally isolated and for instantiating isolated recovery environments.

**NEW QUESTION 51**

If a company connects their data center to a VMware Cloud on AWS software-defined data center (SDDC) Instance through a virtual private network (VPN) and advertises a 0.0.0.0/0 route, what is the expected behavior of the SDDC compute network traffic?

- A. All compute and management traffic will egress to the data center.
- B. All compute network traffic destined for the data center will egress through the VPN but all Internet traffic will egress through the cloud provider Internet gateway.
- C. All compute network traffic will egress through the cloud provider Internet gateway.
- D. All compute network traffic will egress to the data center.

**Answer:** D

**Explanation:**

When a VPN is established between the data center and the SDDC Instance, it allows the organization to create a private and secure connection between their on-premises infrastructure and their workloads running in the cloud. By advertising a 0.0.0.0/0 route, the organization is essentially routing all traffic to the VPN tunnel, which means that all traffic including traffic destined for the data center and internet traffic, will be sent through the VPN tunnel to the company's data center. It is important to note that this configuration depends on the company's network architecture and security policies, and that there may be other alternatives that better fit the organization's needs.

**NEW QUESTION 52**

What are two incident management services included in the VMware Cloud on AWS service management process? (Choose two)

- A. VMware Tools management
- B. Incident Management
- C. Microsoft License management
- D. Capacity management
- E. Workload OS management



**Answer:** BD

**Explanation:**

The two incident management services included in the VMware Cloud on AWS Service Management process are Incident Management and Capacity Management.

Incident Management is responsible for detecting, classifying, and resolving incidents quickly and effectively. It includes monitoring and alerting, incident response, and problem management. Capacity Management is responsible for predicting, measuring, and managing the capacity of the infrastructure. It includes capacity planning, performance analysis, and resource optimization.

References:

[1] <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/cloud-management/vmware-cloud-o>

**NEW QUESTION 56**

Which two Tanzu Kubernetes Grid service component must an administrator configure within VMware Cloud to enable to deploy a namespace or their Kubernetes Application developments? (Choose two)

- A. Tanzu Service Mesh
- B. Tanzu Application Platform
- C. Tanzu Kubernetes Cluster
- D. Management cluster
- E. Tanzu Observability by Wavefront

**Answer:** CD

**Explanation:**

Tanzu Kubernetes Grid is a service from VMware Cloud that enables customers to deploy and manage Kubernetes applications in the cloud. In order to deploy a namespace or their Kubernetes Application developments, an administrator must configure a Tanzu Kubernetes Cluster and a Management Cluster.

A Tanzu Kubernetes Cluster is a cluster of nodes that are used to run applications and services. The nodes are connected to the Management Cluster, where administrators can manage and monitor deployments.

The Management Cluster is a cluster of nodes that are used to manage and monitor the Tanzu Kubernetes Cluster nodes. It provides the tools to manage and monitor deployments, as well as to configure and maintain the Tanzu Kubernetes Cluster nodes.

According to VMware's official website, "Tanzu Kubernetes Grid is a service that provides a simplified way to deploy and manage Kubernetes applications in the cloud. It provides a single control plane for managing multiple Kubernetes clusters, allowing customers to easily deploy and manage their applications across multiple clusters and environments." [1]

[1] <https://www.vmware.com/products/tanzu-kubernetes-grid.html>

**NEW QUESTION 58**

As per company policy, all administrator level accounts need to have their password changed on a regular basis. The cloudadmin@vmc.local account password is changed by an administrator from the vSphere Client.

Another administrator is using the credentials in the VMware Cloud console and gets an 'access denied' error. What could be the problem?

- A. The password change email confirmation has NOT been approved by the organization owner.
- B. The password should only be changed through the VMware Cloud console.
- C. The new password is NOT synchronized with the password that is displayed for the Default vCenter user account.
- D. The password should be changed by escalation of privileges.

**Answer:** C

**Explanation:**

The problem could be that the new password is not synchronized with the password that is displayed for the Default vCenter user account. The administrator must make sure that the same password is used in both the vSphere Client and the VMware Cloud console in order for the user to access the account. Changing the password in one place does not automatically change it in the other, so this must be done manually.

**NEW QUESTION 61**

Which two key components are required in every instance in the VMware Cloud software-defined datacenter (SDDC)? (Choose two.)

- A. VMware vSphere
- B. VMware vRealize Operations
- C. VMware Tanzu Kubernetes Grid
- D. VMware NSX-T
- E. CloudHealth by VMWare

**Answer:** AD

**Explanation:**

The correct answers are A and D. Every instance in the VMware Cloud software-defined datacenter (SDDC) requires VMware vSphere and VMware NSX-T.

VMware vSphere is a virtualization platform that allows customers to manage, deploy, and configure virtual machines and other related components. VMware NSX-T is a network virtualization platform that provides security and networking services to virtualized environments.

**NEW QUESTION 66**

A Cloud administrator is starting to plan a workload migration and wants to estimate the cost of running those workloads on VMware Cloud. Which VMware Cloud service should the administrator use to achieve this goal?

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

**Answer:** B

**Explanation:**

Managing Costs:

With its capacity and cost management features, vRealize Operations Cloud can predict future demand and provide actionable recommendations to help in managing costs.

Reclamation of Existing Resources:

Assess workload status and resource contention in data centers across your environment:

- Determine the time remaining until CPU, memory, or storage resources run out.
- Realize cost savings when underutilized VMs are identified and reclaimed to be deployed more effectively.

Future Infrastructure Requirements

Run what-if scenarios:

- Identify how much capacity remains after you add or remove VMs or hosts.
- Add hyperconverged infrastructure (HCI) nodes.
- Get a recommendation based on the cost relative to workload placement on different hosts, clusters, data centers, and even different clouds.

Cloud Migration Planning:

Migration planning shows you the capacity and cost information after the migration to a cloud-based infrastructure.

Cost Overview

vRealize Operations Cloud supports costing for private clouds, public clouds, and VMware Cloud infrastructure.

You can track expenses for a single virtual machine, and identify how these expenses attribute to the overall cost associated with your private cloud accounts and VMware Cloud infrastructure accounts.

On the Cost Overview

home page in vRealize Operations Cloud, you can find details about the costs

associated with your VMware Cloud infrastructure accounts, public cloud accounts, and your private cloud accounts.



You can view the Total Cost of Ownership, Potential Savings, and Realized Savings for your VMware Cloud infrastructure cloud accounts and vSphere private cloud accounts, and Total Cost of Ownership for your private cloud accounts.

**NEW QUESTION 68**

When configuring Hybrid Linked Mode, what is the maximum supported latency between an on-premises environment and a VMware Cloud on AWS software-defined data center (SDDC)?

- A. 200 milliseconds round trip
- B. 250 milliseconds round trip
- C. 150 milliseconds round trip
- D. 100 milliseconds round trip

**Answer:** D

**Explanation:**

Hybrid Linked Mode can tolerate a time skew of up to ten minutes between the on-premises data center and the cloud SDDC. The maximum latency between your cloud SDDC and on-premises data center cannot exceed 100 msec roundtrip.

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vsphere.vmc-aws-manage-data-cen>

**NEW QUESTION 69**

What is the purpose of the VMware cloud on AWS management gateway (MGW)?

- A. A Tier-0 router that handles network traffic for workload virtual machines connected to routed computer network segments
- B. A Tier-0 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined datacenter (SDDC).
- C. A Tier-1 router that handles network traffic for workload virtual machines connected to routes compute network segments
- D. A Tier-1 router handles routing and firewalling for the VMware vCenter Server and Other management appliances running in the software-defined datacenter (SDDC).

**Answer:** D

**Explanation:**

Management Gateway (MGW) The MGW is a Tier 1 router that handles routing and firewalling for vCenter Server and other management appliances running in the SDDC. Management gateway firewall rules run on the MGW and control access to management VMs. In a new SDDC, the Internet connection is labelled Not Connected in the Overview tab and remains blocked until you create a Management Gateway Firewall rule allowing access from a trusted source.

**NEW QUESTION 70**

Which Tanzu Kubernetes Grid component is used to create, scale, upgrade and delete workload clusters?

- A. Tanzu Kubernetes cluster
- B. Tanzu CLI
- C. Tanzu Supervisor cluster
- D. Tanzu Kubernetes Grid extensions

**Answer:** B

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-4D0D375F-C001-4F1D>

Tanzu CLI is a command-line interface used to create, scale, upgrade, and delete workload clusters that are part of the Tanzu Kubernetes Grid [1]. Tanzu CLI also allows you to manage the components of the Tanzu Kubernetes Grid [1], such as the Tanzu Kubernetes cluster and the Tanzu Supervisor cluster. It also provides access to the Tanzu Kubernetes Grid extensions [1], which allow you to extend the functionality of the Tanzu Kubernetes cluster.

#### NEW QUESTION 71

Which hyperscaler partner is best suited for customers who need 100 GB bandwidth between SDDCs in the cloud? (Select one option)

- A. VMware Cloud on AWS
- B. Azure VMware Solution
- C. Oracle Cloud VMware Solution
- D. Google Cloud VMware Engine

**Answer:** A

#### Explanation:

VMware Cloud on AWS provides the highest level of performance, reliability, and scalability for customers who need to move large amounts of data between their SDDCs in the cloud. It is also the only hyperscaler partner that has the ability to quickly and easily provision entire SDDCs in the cloud. In addition, VMware Cloud on AWS offers the most comprehensive enterprise-grade features, such as automated backups and disaster recovery, which provide customers with peace of mind that their data is always secure and protected.

#### NEW QUESTION 72

Which three types of gateways can be found in VMware cloud on AWS (Choose three?)

- A. Distributed Tier-1
- B. Standard Tier-1
- C. Tire-0
- D. Compute Tier-1
- E. Management Tire-1
- F. Management Tire-0

**Answer:** ABD

#### Explanation:

The three types of gateways that can be found in VMware Cloud on AWS are Option A: Distributed Tier-1, Option B: Standard Tier-1, and Option D: Compute Tier-1.

Distributed Tier-1 gateways are used for secure access between on-premises networks and the VMware Cloud on AWS SDDC network. Standard Tier-1 gateways are used for secure access between the VMware Cloud on AWS SDDC network and the public internet. Compute Tier-1 gateways are used for secure access between the workloads running on the VMware Cloud on AWS SDDC and the public internet.

For more information, please refer to the official VMware documentation on VMware Cloud on AWS Gateways: <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GU>

#### NEW QUESTION 73

A cloud administrator is asked to evaluate a number of disaster recovery solutions for the business. The current on-premises environment is built around the latest version of VMware vSphere 7.0.

The following requirements must be met:

- Follow an on-demand cloud consumption model
- Must be a managed offering
- Deliver a recovery point objective (RPO) of no more than 30 minutes
- Rapid power-on of recovered virtual machines/ assuming cloud capacity availability
- Must accommodate for single region failure Which solution would meet these requirements?

- A. VMware Cloud Disaster Recovery
- B. VMware Cloud on AWS Stretched Cluster
- C. VMware vSphere Replication
- D. VMware Site Recovery Manager

**Answer:** A

#### Explanation:

VMware Cloud Disaster Recovery is a managed disaster recovery-as-a-service offering that is built on the latest version of VMware vSphere 7.0. It provides an on-demand cloud consumption model, allowing administrators to rapidly power-on recovered virtual machines in the cloud, assuming cloud capacity availability. Additionally, VMware Cloud Disaster Recovery delivers a recovery point objective (RPO) of no more than 30 minutes, and can accommodate for single region failure.

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

<https://www.vmware.com/pdf/techsupportguide.pdf>

Quick-Start Tutorial for VMware Dynamic Environment Manager ... <https://techzone.vmware.com/resource/quick-start-tutorial-vmware-dynamic-environment-manager>

VMware Cloud Disaster Recovery ----- \* Protect your workloads

running on VMware Cloud on AWS SDDC using high-frequency snapshots to achieve RPOs as low as 30

minutes. \* Availability Zone Failure

Handling <https://docs.vmware.com/en/VMware-Cloud-Disaster-Recovery/services/vmware-cloud-disaster-recov>

<https://docs.vmware.com/en/VMware-Cloud-Disaster-Recovery/services/rn/vmware-cloud-disaster-recovery-rel>

#### NEW QUESTION 76

A cloud administrator is tasked with improving the way that containers are scaled and managed in the environment. There is a currently no container orchestration solution implemented. Which solution can the administrator leverage to achieve this?

- A. VMware NSX Container Plugin

- B. Kubernetes
- C. VMware vRealize Suite Lifecycle Manager
- D. etcd

**Answer:** B

**Explanation:**

Kubernetes is an open-source container orchestration system for automating application deployment, scaling, and management, which provides features such as self-healing, auto-scaling, and service discovery. With Kubernetes, cloud administrators are able to easily scale and manage containers across multiple clusters and nodes, allowing them to more effectively manage container-based applications. Additionally, Kubernetes provides advanced features such as container scheduling, resource management, and service discovery, which are all essential for managing container-based applications in a production environment. For more information on Kubernetes, you can refer to the official VMware documentation [here](#).r is encount

**NEW QUESTION 81**

A cloud administrator is establishing connectivity between their on-premises data center and VMware Cloud. The Administrator wants to leverage Border gateway Protocol (BGP) to Dynamically learn when new networks are created. Which type of VPN should the administrator configure to accomplish this?

- A. Layer 2 VPN
- B. SSL VPN
- C. Policy-based IPsec VPN
- D. Route-based IPsec VPN

**Answer:** D

**Explanation:**

Route-based IPsec VPNs provide the flexibility to dynamically learn when new networks are created, making them the ideal choice for establishing connectivity between an on-premises data center and VMware Cloud. Route-based IPsec VPNs use the Border Gateway Protocol (BGP) to dynamically learn and propagate routes over the VPN tunnel, allowing for scalable and secure connectivity. [1]

[1]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-ED>

**NEW QUESTION 85**

What are two Incident management services included in the VMware Cloud on AWS service management process? (Choose two.)

- A. Email notifications for pending upgrades
- B. Return to service
- C. Severity classification
- D. SDDC upgrades
- E. Workload incident management

**Answer:** BC

**Explanation:**

Incident and Problem Management: VMware will provide incident and problem management services (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to availability of the Service Offering. VMware is responsible for incident and problem management (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to all virtual machines that you have deployed in your SDDC.

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/support/vmw-cloud-aws-service-descrip>

**NEW QUESTION 90**

When preparing to deploy VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts In a data center, which two physical constraints must be considered? (Choose two.)

- A. Having enough existing rack space for the components
- B. Distance between loading dock and datacenter
- C. Size of the doorways between loading dock and datacenter
- D. Having enough people to carry the equipment
- E. Floor and elevator weight capacity between loading dock and datacenter

**Answer:** AE

**Explanation:**

<https://aws.amazon.com/vmware/outposts/faqs/>

When deploying VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts in a data center, it is important to consider the amount of existing rack space available for the components, as well as the floor and elevator weight capacity between the loading dock and the data center. The distance between the loading dock and the data center, the size of the doorways between the loading dock and the data center, and the number of people available to carry the equipment are not relevant factors to consider.

**NEW QUESTION 93**

Which types of networks are available when creating a segment in VMware Cloud on AWS?

- A. Routed, Extended, Disconnected
- B. Advertised, Extended, Isolated
- C. Routed, Stretched, Disconnected
- D. Advertised, Stretched, Isolated

**Answer:** A

**Explanation:**

VMware Cloud on AWS GovCloud supports three types of network segments: routed, extended and disconnected.



**Routed networks:** Routed networks allow you to route traffic between the on-premises data center and the VMware Cloud on AWS environment using a VPN or AWS Direct Connect.

**Extended networks:** Extended networks allow you to extend the on-premises network to the VMware Cloud on AWS environment using VXLAN. This type of network allows you to extend the on-premises VLANs to the cloud environment, providing a seamless network extension.

**Disconnected networks:** Disconnected networks are used when there is no direct connectivity between the on-premises data center and the VMware Cloud on AWS environment. This type of network allows you to create isolated networks in the cloud environment for specific use cases, such as disaster recovery or testing.

[https://docs.vmware.com/en/VMware-Cloud-on-AWS-GovCloud-\(US\)/services/vmc-govcloud-networking-secu](https://docs.vmware.com/en/VMware-Cloud-on-AWS-GovCloud-(US)/services/vmc-govcloud-networking-secu)

#### NEW QUESTION 97

Which three factors should a cloud administrator consider when sizing a new VMware Cloud software-defined data center (SDDC) to support the migration of workloads from an on-premises SDDC? (Choose three.)

- A. Total number of 10Gb network ports required
- B. Host hardware type in the target VMware Cloud
- C. Total number of on-premises hosts
- D. Total number of workloads
- E. Total amount of available storage across all on-premises datastores
- F. Average size of workload resources (CPU & RAM)

**Answer:** DEF

#### Explanation:

- Total number of workloads. This determines how many hosts are needed in the VMware Cloud SDDC cluster.
- Total amount of available storage across all on-premises datastores. This determines how much storage capacity is needed in the VMware Cloud SDDC cluster.
- Average size of workload resources (CPU & RAM). This determines how much compute capacity is needed in the VMware Cloud SDDC cluster.

<https://docs.vmware.com/en/VMware-Cloud/services/vmc-cloud-sizer-user/GUID-7CECF719-E56B-4830-84E>

#### NEW QUESTION 102

A cloud administrator wants to migrate a virtual machine using VMware vSphere vMotion from their on-premises data center to their VMware Cloud on AWS software-defined data center (SDDC), using an existing private line to the cloud SDDC. Which two requirements must be met before the migration can occur? (Choose two.)

- A. The versions of VMware vSphere need to match between the on-premises data center and the cloud SDDC.
- B. A Layer 2 connection is configured between the on-premises data center and the cloud SDDC.
- C. AWS Direct Connect is configured between the on-premises data center and the cloud SDDC.
- D. IPsec VPN is configured between the on-premises data center and the cloud SDDC.
- E. Cluster-level Enhanced vMotion Compatibility (EVC) is configured in the on-premises data center and the cloud SDDC.

**Answer:** CD

#### Explanation:

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-1A175> Requirements for SDDCs With NSX: Networking speed and latency: Migration with vMotion requires sustained minimum bandwidth of 250 Mbps between source and destination vMotion vMkernel interfaces, and a maximum latency of 100 ms round trip between source and destination.

On-premises vSphere version: Your on-premises vSphere installation must be vSphere 6.7U2 or higher. See VMware Knowledge Base article 56991 for more information.

On-premises DVS version: 6.0 or higher. On-premises NSX version: any

Note: SDDCs configured with NSX do not support hot vMotion to or from on-premises VXLAN encapsulated networks (NSX for vSphere) or Geneve Datacenter Overlay networks (NSX).

IPsec VPN: Configure an IPsec VPN for the management gateway.

See [Configure a VPN Connection Between Your SDDC and On-Premises Data Center](#) in the VMware Cloud on AWS Networking and Security guide.

Direct Connect: Direct Connect over a private virtual interface between your on-premise data center and your VMware Cloud on AWS SDDC is required for migration with vMotion.

See [Using AWS Direct Connect with VMware Cloud on AWS](#).

Hybrid Linked Mode: Hybrid Linked Mode is required to initiate migration from the vSphere Client. It is not required to initiate migration using the API or PowerCLI.

See "Hybrid Linked Mode" in [Managing the VMware Cloud on AWS Data Center](#).

L2 VPN: Configure a Layer 2 VPN to extend virtual machine networks between your on-premises data center and cloud SDDC. Routed networks are not supported. See [VMware Cloud on AWS Networking and Security](#).

VMware Cloud on AWS firewall rules Ensure that you have created the necessary firewall rules as described in [Required Firewall Rules for vMotion](#).

On-premises firewall rules: Ensure that you have created the necessary firewall rules as described in [Require Firewall Rules for vMotion](#).

Virtual machine hardware and settings: Ensure that these requirements are met for virtual machine hardware.

- Virtual machine hardware version 9 or later is required for migration with vMotion from the on-premises data center to the cloud SDDC.
- EVC is not supported in the VMware Cloud on AWS SDDC.
- VMs that are created in the cloud SDDC or that have been power-cycled after migration to the cloud SDDC can't be migrated back to the on-premises data center with vMotion unless the on-premises EVC baseline is Broadwell. You can relocate these VMs after powering them off, as long as their virtual machine hardware version is compatible with the on-premises data center.

- Migration of VMs with DRS or HA VM overrides is not supported. For more information on VM overrides, see [Customize an Individual Virtual Machine](#).

Important: Source switch configurations (including NIOC, spoofguard, distributed firewall, and Switch Security) and runtime state are not applied at the destination as part of migration in either direction. Before you initiate vMotion, apply the source switch configuration to the destination network.

In order for a virtual machine to be migrated using VMware vSphere vMotion, the versions of VMware vSphere need to match between the on-premises data center and the cloud SDDC, and a Layer 2 connection needs to be configured between them. Additionally, cluster-level Enhanced vMotion Compatibility (EVC) must be configured in both the on-premises data center and the cloud SDDC. IPsec VPN and AWS Direct Connect do not need to be configured for the migration to occur.

#### NEW QUESTION 105

A cloud administrator is managing a VMware Cloud on AWS environment connected to an on-premises data center using IPsec VPN connection. The administrator is informed of performance issues with applications replicating data between VMware Cloud and the on-premises data center. The total bandwidth

used by this replication is 3.8 Gbps.  
What should the administrator do to improve application performance?

- A. Deploy VMware HCX.
- B. Deploy AWS Direct Connect.
- C. Deploy a layer 2 VPN connection.
- D. Contact VMware support to request more bandwidth for IPSec VPN connection.

**Answer: B**

**Explanation:**

AWS Direct Connect is a service that establishes a dedicated network connection between an on-premises data center and an AWS region. This can improve network performance, reduce costs, and increase security for applications that require high bandwidth and low latency.

A layer 2 VPN connection would not improve performance as it still relies on the public internet. VMware HCX is a service that simplifies workload migration and mobility between different clouds, but it does not address network performance issues. Contacting VMware support to request more bandwidth for IPSec VPN connection is unlikely to be effective as IPSec VPN has inherent limitations such as encryption overhead and packet fragmentation.

**NEW QUESTION 109**

A cloud administrator is trying to increase the disk size of a virtual machine (VM) within a VMware Cloud solution. The VM is on a datastore with sufficient space, but they are unable to complete the task.

Which file is preventing the administrator from completing this task?

- A. The .nvram file
- B. The .vmtx file
- C. The .vmdk file
- D. The .vmsn file

**Answer: C**

**Explanation:**

The .vmdk file contains the virtual machine's hard disk configuration and is preventing the administrator from increasing the disk size. The .vmdk file must be edited to allow the administrator to increase the disk size. More specifically, the administrator must edit the descriptor file within the .vmdk file to change the capacity of the disk.

**NEW QUESTION 110**

What is the key difference between configuring Hybrid Linked Mode from the Cloud Gateway Appliance and the VMware vSphere Client?

- A. The on-premises VMware vSphere version must be vSphere 6.5 or later.
- B. VMware Cloud on AWS software-defined data center (SDDC) does NOT reveal the on-premises inventory.
- C. Minimal overhead is required in the on-premises data center.
- D. Centralized administration is available through the VMware vSphere Client.

**Answer: A**

**Explanation:**

The key difference between configuring Hybrid Linked Mode from the Cloud Gateway Appliance and the VMware vSphere Client is that the Cloud Gateway Appliance reveals the on-premises inventory while the VMware vSphere Client does not reveal the on-premises inventory. With the Cloud Gateway Appliance, a VMware Cloud on AWS software-defined data center (SDDC) is able to communicate with the on-premises vCenter Server, allowing the on-premises inventory to be visible in the VMware Cloud on AWS console. With the VMware vSphere Client, the on-premises inventory is not revealed and is not accessible from the vSphere Client.

**NEW QUESTION 115**

A cloud administrator would like the VMware Cloud on AWS cluster to automatically scale-out and scale-in based on resource demand. Which two Elastic DRS policies can be configured to meet this requirement? (Choose two.)

- A. Elastic DRS Baseline policy
- B. Optimize for Best Performance policy
- C. Optimize for Lowest Cost policy
- D. Custom Elastic DRS policy
- E. Optimize for Rapid Scale-Out policy

**Answer: DE**

**Explanation:**

The two Elastic DRS policies that can be configured to meet the requirement of automatically scaling out and in based on resource demand are the Custom Elastic DRS policy and the Optimize for Rapid Scale-Out policy. The Custom Elastic DRS policy allows you to configure the cluster to scale out when certain resource utilization thresholds are met, while the Optimize for Rapid Scale-Out policy allows you to configure the cluster to scale out when resource utilization is high and scale in when utilization is low.

Elastic DRS is a feature of VMware Cloud on AWS that enables automatic scaling of the cluster based on resource demand. To meet the requirement of automatic scaling, the administrator can configure a custom Elastic DRS policy or the Optimize for Rapid Scale-Out policy. Custom Elastic DRS policy allows administrator to define the custom rules for scale-out and scale-in based on resource utilization thresholds. Optimize for Rapid Scale-Out policy automatically scales-out the cluster when resource utilization threshold is met.

**NEW QUESTION 118**

A cloud administrator needs to create a virtual machine that requires layer 2 connectivity to an on-premises workload. Which type of network segment is required?

- A. Existing
- B. Outbound
- C. Extended

D. Routed

**Answer:** C

**Explanation:**

An extended network segment is required for a cloud administrator to create a virtual machine that requires layer 2 connectivity to an on-premises workload. Extended networks allow for the virtual machines to communicate directly with the on-premises workload while remaining isolated from the public cloud. This allows for the virtual machines to access the same services and workloads as the on-premises workloads while still remaining secure.

**NEW QUESTION 119**

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

**Answer:** DE

**Explanation:**

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.

**NEW QUESTION 122**

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.

**Answer:** C

**Explanation:**

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, etc. 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 datastore. 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 policy.

**NEW QUESTION 127**

A cloud administrator establishes a VPN connection to the VMware Cloud data center but is unable to access the VMware Cloud vCenter. Which step can the administrator take to resolve this?

- A. Modify the default vCenter management network to participate in the on-premises IP space.
- B. Create a segment in the VMware Cloud data center for connection to the vCenter.
- C. Establish a layer 2 connection between the on-premises data center and the VMware Cloud data center.
- D. Create an NSX firewall rule in the VMware Cloud data center allowing access to the vCenter from the on-premises data center.

**Answer:** D

**Explanation:**

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-ED8B8> By default, the management gateway firewall is set to deny all traffic between the internet and vCenter Server. Verify that the appropriate firewall rules are in place. The administrator can create an NSX firewall rule in the VMware Cloud data center that allows access to the vCenter from the on-premises data center. This would allow the VPN connection to connect to the vCenter, allowing the administrator to access and manage the VMware Cloud environment.

**NEW QUESTION 132**

With which solution is the cloud administrator interfacing when defining storage policies in a VMware Cloud software-defined data center (SDDC)?

- A. VMware Virtual Volumes (vVols)
- B. VMware vSAN
- C. iSCSI
- D. VMware Virtual Machine File System (VMFS)

**Answer:** B

**Explanation:**

VMware vSAN is a distributed storage platform that is integrated into the VMware Cloud software-defined data center (SDDC). It provides policy-based storage management, allowing cloud administrators to define storage policies that can be applied to virtual machines and other workloads. These policies govern how data is stored, replicated, and secured, and are used to ensure that data is stored in a consistent and compliant manner.  
<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vsphere.vmc-aws-manage-data-cen>

#### NEW QUESTION 134

When preparing to deploy VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts in a data center, which two networking constraints must be considered? (Choose two.)

- A. Fiber Channel connectivity
- B. Creating a direct connect to the nearest AWS Region
- C. Compatible top of rack switches
- D. Uplinks for local network connectivity
- E. Dedicated subnets for SDDC management network

**Answer:** CE

#### Explanation:

Compatible top of rack switches are necessary to ensure that the data center is able to support the VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts deployments [1]. The switches must support 10GE and 25GE ports, as well as Layer 3 routing protocols such as OSPF and BGP. Dedicated subnets for SDDC management network are also needed for the deployment of VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts [1]. The SDDC management network will be used for communication between the VMware Cloud components and the data center, and must be isolated from the customer network.

#### NEW QUESTION 136

A cloud administrator wants to enable administrator wants to enable Enterprise Federation to the Cloud Services Portal in order to be able to authenticate with the on-premises Active Directory. The Administrator Already deployed the on-premises VMware Workspace One Access Connector. Through which port does the Cloud Service Portal communicate with Workspace ONE Access Connector?

- A. Idaps/636
- B. http/80
- C. https/443
- D. Idap/389

**Answer:** C

#### Explanation:

[https://docs.vmware.com/en/VMware-Workspace-ONE-Access/20.10/workspace\\_one\\_access\\_install/GUID-E81](https://docs.vmware.com/en/VMware-Workspace-ONE-Access/20.10/workspace_one_access_install/GUID-E81) The Cloud Services Portal communicates with the Workspace ONE Access Connector via port 443 (HTTPS).

According to the VMware documentation [1], the Cloud Services Portal connects to the Access Connector on port 443 to authenticate users and authorize access to the cloud service. The Access Connector listens on port 443 and communicates with the Active Directory using LDAP over TLS (LDAPS) on port 636.

Reference: <https://docs.vmware.com/en/VMware-Workspace-ONE-Access/services/com.vmware.access.admi>

#### NEW QUESTION 140

.....



## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

### 2V0-33.22 Practice Exam Features:

- \* 2V0-33.22 Questions and Answers Updated Frequently
- \* 2V0-33.22 Practice Questions Verified by Expert Senior Certified Staff
- \* 2V0-33.22 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 2V0-33.22 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The 2V0-33.22 Practice Test Here](#)**