

# VMware

## Exam Questions 2V0-33.22

VMware Cloud Professional



**NEW QUESTION 1**

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

**Answer: D**

**Explanation:**

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.

**NEW QUESTION 2**

A cloud administrator is asked to configure access to the VMware Cloud Services Console based on the following requirement:

- Groups and users should be synchronized from the internal Active Directory Which two options should the administrator configure to meet this requirement? (Choose two.)

- A. Workspace ONE Access connector
- B. Enterprise federation with dynamic (connectorless) authentication setup
- C. SAML 2.0 Identity Provider
- D. Enterprise federation with connector-based authentication setup
- E. Workspace ONE Assist

**Answer: AC**

**Explanation:**

The Workspace ONE Access connector is used to synchronize groups and users from the internal Active Directory to the VMware Cloud Services Console. Additionally, the administrator should configure a SAML 2.1 Identity Provider to enable single sign-on (SSO) capability and secure access to the VMware Cloud Services Console.

**NEW QUESTION 3**

Exhibit:

NEW FOLDER UPLOAD FILES UPLOAD FOLDERS REGISTERED VM DOWNLOAD DATE COPY to MOVE TO RENAME TO DELETE

Name	Size	Modified	Type	Path
dvsData	05/03/2022, 9.10.21 AM	Folder	[vsandatastore]	
.s dd.sf	05/03/2022, 9.10.21 AM	Folder	[vsandatastore]	
app02-000002.vmdk	05/03/2022, 9.10.21 AM	Folder	[vsandatastore]	app02-000003.vmdk 05/03/2022, 9.10.21 AM Folder [vsandatastore] app02-000002.hlog
05/03/2022, 9.10.21 AM Folder [vsandatastore]	app02-000002.vswap	05/03/2022, 9.10.21 AM Folder [vsandatastore]	app02-000002.vswap.lck	05/03/2022, 9.10.21 AM Folder [vsandatastore]

A cloud administrator is asked to troubleshoot a virtual machine (app02) that is performing slowly. The cloud Administrator noticed that app02 is consuming expected amount of disk space. As a first step, the cloud administrator uses VMware vCenter to check the snapshot manager for app02 and no snapshot -- cloud administrator then navigates to the app02 files on the datastore, and is presented with the information provided in the exhibits. Given the information provided, which task should the cloud administrator perform to resolve this issue?

- A. Migrate the virtual machine to a new datastore.
- B. Perform a snapshot consolidation.
- C. Power cycle the virtual machine.
- D. Execute a Delete All Snapshots task.

**Answer: D**

**NEW QUESTION 4**

Which VMware technology ensures availability of the VMs in your SDDC and uses multiple ESXi hosts to provide rapid recovery from outages and cost-effective high availability for applications? (Select one option)

- A. vSphere DRaaS
- B. vSphere HA
- C. vSphere DPM
- D. vSphere eDRS

**Answer: B**

**Explanation:**

The VMware technology that ensures availability of the VMs in your SDDC and uses multiple ESXi hosts to provide rapid recovery from outages and cost-effective high availability for applications is B.vSphere HA. vSphere HA is an agentless cluster-level availability solution that enables rapid recovery from outages and cost-effective high availability for applications. vSphere DRaaS, vSphere DPM, and vSphere eDRS are not suitable for this purpose.

**NEW QUESTION 5**

Which software development challenge can a cloud administrator address by adopting a cloud operating model?

- A. The length of time needed to provision the required infrastructure
- B. High operating expense (OPEX) spending due to software licenses
- C. The use of different programming languages by developers
- D. Lack of standardization of operating systems used by developers

**Answer:** A

**Explanation:**

<https://blogs.vmware.com/management/2021/10/introduction-to-vmware-cloud-operating-model.html>

**NEW QUESTION 6**

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 7**

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

**Answer:** ADE

**Explanation:**

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> What is Server Virtualization? | VMware Glossary

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

**NEW QUESTION 8**

Which two features of the VMware cloud on AWS platform are part of service management process? (Choose two.)

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

**Answer:** CE

**Explanation:**

Incident Management is responsible for handling customer incidents and ensuring customer satisfaction. Capacity Management is responsible for ensuring that the service is sized appropriately for customer needs and that the capacity is monitored to ensure that it meets customer requirements. VMware Tools management, Microsoft licensing management, and workload OS management are not part of the service management process.

What is a Hypervisor? | VMware Glossary <https://www.vmware.com/topics/glossary/content/hypervisor.html> VMware Cloud on AWS Operations Guide

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-operations.pdf> What is a Bare Metal Hypervisor? | VMware Glossary

<https://www.vmware.com/topics/glossary/content/bare-metal-hypervisor.html>

**NEW QUESTION 9**

Which two use cases can be met with VMware Cloud on Dell EMC and VMware Cloud on AWS Outposts? (Choose two.)

- A. Administrator rights in SDDC Manager to configure and operate the solution
- B. Ability to create public services
- C. Applications needing local data processing and/or low latency integrations
- D. Critical workloads that use restricted data
- E. On demand rapid scalability

**Answer:** CD

**Explanation:**

The two use cases that can be met with VMware Cloud on Dell EMC and VMware Cloud on AWS Outposts are Option C: Applications needing local data processing and/or low latency integrations, and Option D: Critical workloads that use restricted data.

VMware Cloud on Dell EMC and VMware Cloud on AWS Outposts both provide local data processing and low latency integrations, making them ideal for applications that require quick and efficient access to data. Additionally, the highly secure infrastructure of both solutions make them a great choice for critical workloads that use restricted data.

For more information, please refer to the official VMware documentation on VMware Cloud on Dell EMC: <https://www.vmware.com/products/vmware-cloud-on-dellemc.html> And the official VMware documentation on VMware Cloud on AWS

Outposts: <https://www.vmware.com/products/vmware-cloud-on-aws-outposts.html>

**NEW QUESTION 10**

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 10**

A cloud administrator is using VMware HCX to migrate application workloads between an on-premises data center and a VMware Public Cloud (UI!) capability of VMware HCX is being used to extend a number of on-premises network segments into the cloud to avoid IP re-addressing concerns. When the cloud administrator tries to extend a native layer 2 network segment from the cloud back into the on-premises data center. an error is encountered and the extension fails. What should the administrator do to enable network extension from the cloud side to on-premises in this scenario?

- A. Enable reverse L2E in the advanced configuration menu of HC
- B. Make the appropriate change and re-deploy the HCX Service Mesh.
- C. Ensure that the on-premises environment that has at minimum a VMware vSphere Distributed Switch with version 6.5 configured.
- D. Install VMware NSXT into the on-premise data center.
- E. Enable reverse L2E in the advanced configuration menu of HC
- F. Make the appropriate change, re-deploy the on-premise HCX Manager and re-pair the sites together.

**Answer:** B

**Explanation:**

The best solution for enabling network extension from the cloud side to the on-premises data center in this scenario is to ensure that the on-premises environment has at least a VMware vSphere Distributed Switch with version 6.5 configured. This will enable the reverse L2E feature, which is necessary for extending the native layer 2 network segment from the cloud back into the on-premises data center. For more information on how to configure reverse L2E and extend a network segment from the cloud to the on-premises data center, please refer to the official VMware documentation [here](#).

**NEW QUESTION 14**

How much throughput does a Google Cloud VMware Engine private cloud network provide?

- A. 25 Gbps
- B. 40 Gbps
- C. 100 Gbps
- D. 10 Gbps

**Answer:** C

**Explanation:**

The throughput provided by a Google Cloud VMware Engine private cloud network is 100 Gbps. This allows for a high level of performance and scalability, and supports a variety of services and applications. Additionally, the private cloud network is secure and reliable, providing support for different authentication methods and encryption standards.

**NEW QUESTION 16**

A cloud administrator is planning to migrate 1,000 VMs from their existing on-premises location into VMware Cloud on AWS. The migration will need to be completed as quickly as possible. Upon completion, the users will need the most reliable, lowest latency connection possible.

Which on-premises data center connectivity option will meet these requirements?

- A. Layer 2 VPN
- B. AWS Direct Connect
- C. VMware Transit Connect
- D. IPsec VPN

**Answer:** B

**Explanation:**

The best option to meet the requirements of quickly migrating 1,000 VMs with the lowest latency and most reliable connection possible is to use AWS Direct Connect. AWS Direct Connect provides a dedicated network connection between an on-premises data center and the Amazon Web Services (AWS) cloud, allowing for the transfer of data across the two locations. It is more reliable and has lower latency than other options such as Layer 2 VPN, VMware Transit Connect, and IPsec VPN. Additionally, AWS Direct Connect provides the highest performance and throughput of any of the on-premises data center connectivity options.

Why does VMware refuse to educate their customers ... - VMware ... <https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-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>

**NEW QUESTION 21**

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 26**

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 29**

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 33**

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 36**

A cloud administrator is notified by VMware that their VMware Cloud on AWS Instance will be updated in seven days. Which action does the cloud administrator need to take to allow the update?

- A. Add capacity.
- B. Select a date for the upgrade.
- C. Respond to the notification.
- D. Nothing needs to be done.

**Answer:** C

**Explanation:**

VMware Cloud on AWS Instances are regularly updated to ensure they are running the latest version of the software, and the cloud administrator needs to respond to the notification to confirm they accept the update. They do not need to add capacity or select a date for the upgrade, and they do not need to do anything else as the update will be done automatically.

**NEW QUESTION 41**

Which out-of-the-box role is required in order to create a content library In VMware Cloud on AWS?

- A. CloudGlobalAdmin
- B. CloudAdmin
- C. Active Directory ESXi Admin
- D. Administrator@vSphere
- E. local

**Answer:** B

**Explanation:**

The CloudAdmin role has the privileges necessary to create and manage SDDC workloads and related objects such as storage policies, content libraries, vSphere tags, and resource pools

**NEW QUESTION 46**

On VMware Cloud on AWS, which type of host do you use when you require high local storage requirements and additional cores for your workloads? (Select one option)

- A. ve-standard-72
- B. i3e
- C. metal
- D. i3.metal
- E. AV36

**Answer:** C

**Explanation:**

when you require high local storage requirements and additional cores for your workloads on VMware Cloud on AWS. i3.metal instances offer up to 4TB of local NVMe storage and up to 96 CPU cores, giving you the power and storage you need to handle large workloads. Additionally, i3.metal instances are great for applications that benefit from high CPU-to-memory ratios, like artificial intelligence, machine learning, big data analysis, and HPC workloads.

**NEW QUESTION 50**

A cloud administrator is managing a VMware Cloud on AWS environment. Currently, there is a single cluster consisting of four i3.metal hosts. Due to an increased demand, cluster capacity has to be expanded by 60 cores and 640 GB of memory.

What should the administrator do to meet the demand?

- A. Add 16 CPU cores to the existing hosts.
- B. Add three c4.metal hosts to the cluster.
- C. Add two i3.metal hosts to the cluster.
- D. Add one i3en.metal host to the cluster.

**Answer:** C

**Explanation:**

According to the VMware Cloud on AWS documentation, the minimum capacity of an i3.metal host is 8 vCPUs and 64 GB of memory. Therefore, to meet the demand of an additional 60 cores and 640 GB of memory, the administrator should add two i3.metal hosts to the cluster. For more information, please refer to the official VMware Cloud on AWS documentation at: <https://docs.vmware.com/en/VMware-Cloud-on-AWS/index.html>.

**NEW QUESTION 52**

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 55**

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 60**

Given what you know about cloud, which examples illustrate its benefits? Select all options that apply.

- A. An organization requires fewer developers when it uses the cloud.
- B. An organization manages its cloud resources by using different cloud providers that are separate and isolated from each other.
- C. A business stores infrequently accessed data in the cloud to benefit from reduced on-premises storage costs.
- D. An organization manages its cloud resources by using different cloud providers that are separate and isolated from each other.
- E. A developer codes an application in a cloud-based environment, and, with a few simple commands, deploys the application on the business website.
- F. In seconds, you receive a large amount of storage using a cloud option.

**Answer:** BCEF

**Explanation:**

Example B illustrates the benefit of cloud computing where an organization can manage its cloud resources by using different cloud providers that are separate and isolated from each other. This allows the organization to make use of features and services offered by different cloud providers in order to benefit from the best of different services.

Example C illustrates the benefit of cloud computing where a business can store infrequently accessed data in the cloud in order to benefit from reduced on-premises storage costs, as cloud storage is usually cheaper than on-premise storage.

Example E illustrates the benefit of cloud computing where a developer can code an application in a cloud-based environment, and, with a few simple commands, deploy the application on the business website. This eliminates the need for the developer to set up and manage the application on their own, as the cloud platform handles the deployment and hosting of the application.

Example F illustrates the benefit of cloud computing where a large amount of storage can be made available in seconds using a cloud option. This is useful for businesses that require a large amount of storage but don't have the resources to set up and manage their own storage solution.

For more information on the benefits of cloud computing, see the VMware official documentation at <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.getting-started/GUID-F>

**NEW QUESTION 65**

A customer identifies consumption-based ransomware protection as a primary business requirement. Which VMware solution offers long-term immutable point-in-time recovery options?

- A. VMware vSphere Replication
- B. VMware Site Recovery
- C. VMware Cloud Disaster Recovery
- D. VMware vSphere Data Protection

**Answer:** C

**Explanation:**

The VMware solution that offers long-term immutable point-in-time recovery options is VMware Cloud Disaster Recovery (CDR). CDR offers continuous data protection and point-in-time recovery options with up to 30 days of retention. It also provides a secure and immutable copy of your data that is stored in the cloud and can be used to recover from ransomware attacks.

**NEW QUESTION 68**

Which statement most accurately describes the service features of VMware Cloud on Dell EMC? (Select one option)

- A. Dell technicians perform all software maintenance, as well as hardware fixes.
- B. When an onsite response is required to fix a problem related to a host, a Dell technician must arrive onsite within 24 hours.
- C. An SDDC includes a minimum of one rack with three host
- D. You can add hosts to the rack, up to the maximum supported by the rack.
- E. VMwareSite Recovery is included as part of the initial service offering.

**Answer:** C

**Explanation:**

The statement that most accurately describes the service features of VMware Cloud on Dell EMC is C. An SDDC includes a minimum of one rack with three hosts. You can add hosts to the rack, up to the maximum supported by the rack. An SDDC consists of a rack with a minimum of three hosts, which can then be expanded up to the maximum supported by the rack. VMware Site Recovery is not included as part of the initial service offering. VMware Cloud on Dell EMC provides a service that enables customers to run their VMware-based workloads on Dell EMC's hardware, in a jointly-engineered and fully-supported environment. The service allows customers to deploy a fully-configured VMware SDDC on Dell EMC VxRail or VxRack SDDC systems, with the option to add more hosts to the rack as needed.

**NEW QUESTION 71**

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 vRealizeOperations 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 73**

Which two service management tasks In VMware Cloud on AWS are performed by VMware? (Choose two.)

- A. Capacity management of the cloud software-defined data centers (SDDCs)
- B. Updates to VMware hardware compatibility
- C. Notifications sent before a regular update
- D. Updates to the software-defined data center (SDDC) software
- E. Creation and configuration of VPC during the software-defined data center (SDDC) deployment

**Answer:** AD

**Explanation:**

As per the official guide from VMware, VMware is responsible for managing the capacity of the cloud software-defined data centers (SDDCs) and for updating the software-defined data center (SDDC) software. This includes managing the underlying infrastructure, such as the hosts, storage, and networking, and ensuring that the SDDCs are running the latest version of the software.

**NEW QUESTION 75**

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

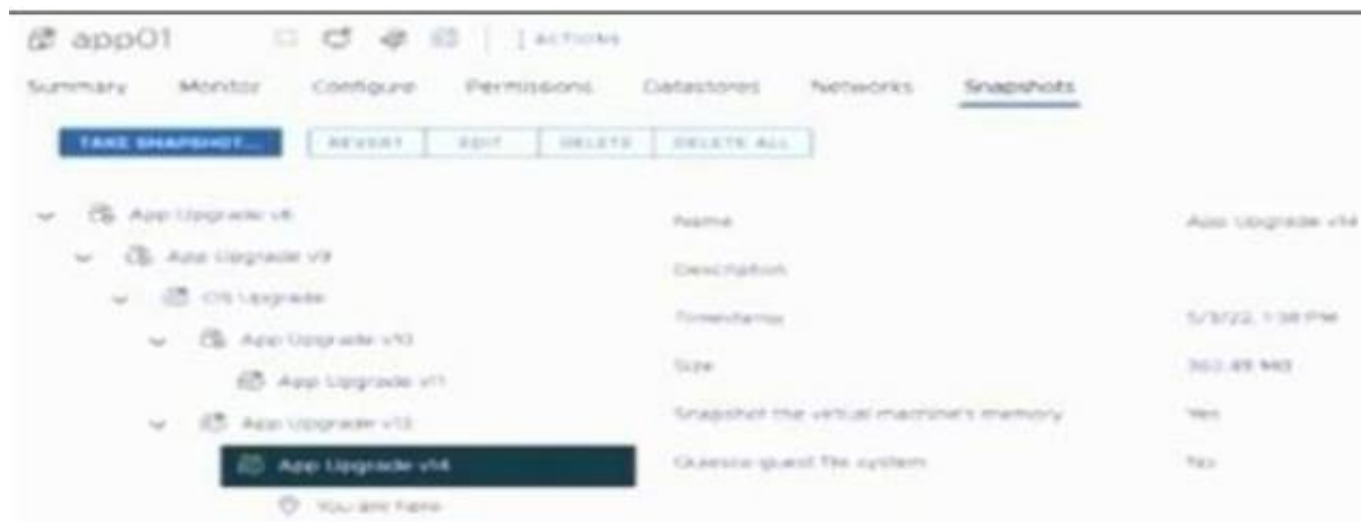
**Explanation:**

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 78**

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 82**

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 83**

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.

**Answer:** A

**NEW QUESTION 87**

A cloud administrator with an existing virtual private cloud (VPC) needs to create a dedicated connection to VMware Cloud on AWS. Which connection type would meet this requirement?

- A. Public virtual interface
- B. AWS Direct Connect
- C. Transit virtual interface
- D. Private virtual interface

**Answer:** B

**Explanation:**

The best option to meet the requirements of creating a dedicated connection to VMware Cloud on AWS is to use AWS Direct Connect. AWS Direct Connect

provides a dedicated network connection between an on-premises data center and the Amazon Web Services (AWS) cloud, allowing for the transfer of data across the two locations. It is more reliable and has lower latency than other options such as public virtual interface, transit virtual interface, and private virtual interface. Additionally, AWS Direct Connect provides the highest performance and throughput of any of the on-premises data center connectivity options.

Why does VMware refuse to educate their customers ... - VMware ... <https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-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>

## NEW QUESTION 88

What is a prerequisite step to adding additional users to a Google Cloud VMware Engine's vCenter (GCVE)?

- A. Change the default administrator password.
- B. Add a user in Google Cloud Platform Identity and Access Management.
- C. Open a support ticket to escalate VMware vSphere privileges.
- D. Escalate VMware vSphere privileges In the GCVE portal.

**Answer: B**

### Explanation:

The prerequisite step to adding additional users to a Google Cloud VMware Engine's vCenter (GCVE) is to add a user in Google Cloud Platform Identity and Access Management. This will allow for the user to be added to the vCenter and properly authenticated.

## NEW QUESTION 91

A cloud administrator needs to create an isolated network segment for use in disaster recovery test. Which type of network segment is required?

- A. Private
- B. Routed
- C. Extended
- D. Disconnected

**Answer: A**

### Explanation:

A private network segment is an isolated network segment that is used for disaster recovery testing. Private network segments provide a secure and isolated environment for testing, allowing administrators to test their disaster recovery plans without risking the stability of their production environment. Private network segments also provide additional security, as they are not connected to the public internet, making them less vulnerable to external attacks. [1]  
<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-64>

## NEW QUESTION 92

Refer to the exhibit.



A cloud administrator is deploying a new VMware Cloud on AWS virtual private cloud (VPC). After clicking on deploy, the screen refreshes and displays the information that is provided in the exhibit.

What is the issue with the management CIDR that is causing the deployment to fail?

- A. It overlaps with the AWS subnet.
- B. It overlaps with the AWS VPC CIDR.
- C. It is part of the reserved CIDRs.
- D. It is an invalid size.

**Answer: A**

### Explanation:

<https://docs.aws.amazon.com/whitepapers/latest/sddc-deployment-and-best-practices/deploying-vmware-cloud-on-aws> must be a RFC1918 private address space (10.0.0.0/8, 172.16.0.0/12, or 192.168.0.0/16) with CIDR block sizes of /16, /20, or /23. The management CIDR block cannot be changed after the SDDC is deployed. Choose a range of IP addresses that does not overlap with the AWS subnet you are connecting to. If you plan to connect the SDDC to an on-premises DC or another environment, the IP subnet must be unique within your enterprise network infrastructure. Choose a CIDR that will give you future scalability.

## NEW QUESTION 93

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 98**

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 100**

Which statement accurately describes vSphere distributed switches? (Select one option)

- A. A distributed switch is a virtual switch that is configured for a single ESXi host.
- B. A standard switch is different from a distributed switch in that standard switches contain VMkernel ports.
- C. Each ESXi host can have only one distributed switch configured at any time.
- D. A distributed switch is managed by vCenter Server for all ESXi hosts associated with the distributed switch.

**Answer:** D

**Explanation:**

A distributed switch is managed by vCenter Server for all ESXi hosts associated with the distributed switch. A standard switch is different from a distributed switch in that standard switches contain VMkernel ports, but the entire configuration is managed by each ESXi host. A distributed switch is managed by vCenter Server for all ESXi hosts associated with the distributed switch and can contain multiple VMkernel ports. Each ESXi host can have multiple distributed switches configured at any time.

**NEW QUESTION 105**

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 109**

A cloud administrator needs to extend a network and requires that routing be handled at the source. Which network segment type does VMware HCX Network Extension create in the VMware Cloud software-defined data center (SDDC) when extending the network?

- A. Extended
- B. Routed
- C. Private
- D. Disconnected

**Answer:** B

**Explanation:**

<https://docs.vmware.com/en/VMware-Validated-Design/services/sddc-extending-to-vmware-cloud-on-aws/GUI> <https://docs.vmware.com/en/VMware-HCX/4.5/hcx->

user-guide/GUID-4052AC3F-9FFC-4FA2-ACB4-18B296

VMware HCX Network Extension creates a routed network segment type in the VMware Cloud

software-defined data center (SDDC) when extending the network. This routed segment is used to connect the on-premises environment with the VMware Cloud SDDC, allowing traffic to flow between the two. The other options (extended, private, and disconnected segments) are not created by Network Extension.

#### NEW QUESTION 114

Which two steps does a cloud administrator need to take when protecting a VMware Cloud on AWS software-defined data center (SDDC) with VMware Site Recovery? (Choose Two.)

- A. Deploy the vSphere Replication virtual appliance.
- B. Deploy the Site Recovery manager virtual Appliance.
- C. Connect the Site Recovery manager instance on the protected recovery site.
- D. Register the vSphere Replication appliance with vCenter Single Sign-On
- E. Set the NSX-T Edge management gateway firewall rules.

**Answer:** AC

#### Explanation:

A cloud administrator needs to deploy the vSphere Replication virtual appliance and the Site Recovery manager virtual appliance when protecting a VMware Cloud on AWS software-defined data center (SDDC) with VMware Site Recovery.

The vSphere Replication virtual appliance is responsible for replicating the virtual machines from the source to the target site. Site Recovery Manager virtual appliance acts as the central management and orchestration platform for the entire disaster recovery process.

#### NEW QUESTION 115

A cloud administrator is developing a new Private cloud in Google VMware Engine and wants to allow for Maximum growth. What are two valid subnet sizes that meets the requirement for the VMware vSphere/vSAN subnet? (Choose two.)

- A. /21
- B. /24
- C. /22
- D. /23
- E. /20

**Answer:** AE

#### Explanation:

<https://cloud.google.com/vmware-engine/docs/concepts-vlans-subnets>

#### NEW QUESTION 118

A cloud administrator is managing a Google Cloud VMware Engine environment with a single cluster consisting of 28 Hosts. The Administrator and, based on estimates from the application team, requires seven additional hosts. What should the administrator do?

- A. Add seven hosts to the existing cluster.
- B. Provision a new private cloud.
- C. Provision a new cluster.
- D. Nothing; the cluster will scale automatically.

**Answer:** C

#### Explanation:

<https://cloud.google.com/vmware-engine/docs/concepts-vmware-components> Node Considerations

You can specify the number of hosts to add or remove to or from their cluster. Private cloud initial setup happens in ~30 minutes.

Additional hosts can be added in ~15 minutes.

A three-node cluster is the minimum for production.

You can have up to 32 hosts per cluster.

You can have up to 64 hosts per private cloud.

#### NEW QUESTION 121

Which statements accurately describe gateway firewalls and distributed firewalls? (Select two options)

- A. Gateway firewalls and distributed firewalls can share the same sets of rules and policies.
- B. Only gateway firewalls use stateful rules.
- C. A distributed firewall controls the I/O path to and from a VM's virtual NIC.
- D. A gateway firewall protects north-south traffic.

**Answer:** BD

#### Explanation:

Gateway firewalls are used to protect east-west traffic, while distributed firewalls control the I/O path to and from a VM's virtual NIC. Furthermore, gateway firewalls and distributed firewalls cannot share the same sets of rules and policies.

#### NEW QUESTION 126

Which two statements depict the VMWare Multi-cloud Vision? (Choose two)

- A. Deliver a consistent management and operations layer across any cloud
- B. Run the workloads in the cloud to eliminate security issues.
- C. Standardize at the DevSecOps and infrastructure level.
- D. Reduce the number of developers to increase productivity



E. Modernize applications in the cloud of choice using the cloud-native services of that cloud provider

**Answer:** AE

**Explanation:**

VMware Multi-Cloud Vision enables customers to deliver a consistent management and operations layer across any cloud, and to modernize applications in the cloud of choice using the cloud-native services of that cloud provider. It does not run workloads in the cloud to eliminate security issues, standardize at the DevSecOps and infrastructure level, or reduce the number of developers to increase productivity.

**NEW QUESTION 129**

What is a benefit of public cloud computing?

- A. Full control over physical data location
- B. Full control over software versions and software lifecycle
- C. Highly customizable and configurable hardware options
- D. Cost savings on capital hardware expenses

**Answer:** D

**Explanation:**

One benefit of public cloud computing is cost savings on capital hardware expenses. Since the cloud provider owns and manages the hardware, the customer does not need to invest in the purchase and maintenance of physical hardware, resulting in significant cost savings. Additionally, public cloud services often provide scalability and can be accessed from anywhere with an internet connection.

**NEW QUESTION 131**

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, 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.

**NEW QUESTION 132**

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 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. ldaps/636
- B. http/80
- C. https/443
- D. ldap/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 141**

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