

## 2V0-33.22 Dumps

### VMware Cloud Professional

<https://www.certleader.com/2V0-33.22-dumps.html>



**NEW QUESTION 1**

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 2**

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 3**

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

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

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

**Answer: B**

**Explanation:**

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

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

**NEW QUESTION 4**

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 5**

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 6**

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

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

**Answer:** ACF

**Explanation:**

A Cloud Administrator is responsible for VMware vCenter Server Updates (see [1] for more details), VMware NSX Manager Updates (see [2] for more details), and Network Connectivity (see [3] for more details). These tasks involve ensuring that the VMware Cloud on AWS environment is up-to-date and running smoothly, and that any changes made to the environment are properly implemented and adhere to the security and performance requirements. Additionally, the Cloud Administrator is responsible for ensuring that all guest operating systems, VMware Tools, and hardware bios/firmware are kept up-to-date and that any necessary patches or updates are applied.

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

**NEW QUESTION 7**

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 8**

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 9**

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 10**

The VMware Cloud on Dell EMC subscription entitles companies to services and support In addition to the server and rack hardware and SDDC software. Which two services are Included In the subscription? (Choose two.)

- A. Onsite support for hardware break-fix within four hours
- B. Remote lifecycle management of the SDDC software
- C. Automated capacity forecasting and expansion
- D. Remote lifecycle management of virtual machine operating system software
- E. Professional services assistance with application migration

**Answer:** AB

**Explanation:**

VMware Cloud on Dell EMC is a fully managed VMware Cloud Service which includes a physical Dell VxRail hyper-converged infrastructure built to a customer's capacity needs and is delivered onsite preloaded with VMware vSphere®, VMware NSX®, and VMware vSAN™ software. Included with this service is full management of the hardware infrastructure, including monitoring, software patching and upgrades, security updates, lifecycle management, and break-fix service in the event of a hard failure. This service is backed by an Enterprise-grade Service Level Agreement (SLA). Figure 1 shows the VMware Cloud on Dell EMC infrastructure in greater detail, including all hardware necessary to deploy the infrastructure quickly right out of the crate.

**NEW QUESTION 10**

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 14**

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 16**

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 19**

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 20**

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 24**

Refer to the exhibit.

The screenshot shows the AWS Management Console interface for configuring a VMware Cloud on AWS deployment. The first step, 'Specify the VPC and the subnet to connect to your AWS account', is active. It displays a form where the 'VPC' is set to 'vpc-0a68f813ac72739' and the 'Subnet' is set to 'Subnet-1'. A diagram on the right illustrates the network architecture, showing a VPC with subnets and a management subnet. Below the form, the 'Configure Network' step is visible, showing a 'Management Subnet' field set to '10.0.0.0/24'.

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 27**

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]

[1]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-64>

**NEW QUESTION 30**

A cloud administrator is managing a VMware Cloud on AWS environment containing of a single cluster with three hosts. Which acts recovery site for the on-premises environment. The on-premises environment consists of eight hosts. what should the cloud administrator configure to optimize scaling for full disaster recovery?

- A. Configure an Elastic DRS policy and set the maximum cluster Size to 8.
- B. No Additional configuration is required Default Elastic DRS will fulfill the requirement
- C. Configure an Elastic DRS policy and select 'Optimize for Rapid scale-out'.
- D. Configure an Elastic DRS policy and set minimum cluster size to 8.

**Answer:** C

**Explanation:**

According to the VMware official documentation, in order to optimize scaling for full disaster recovery in a VMware Cloud on AWS environment, it is necessary to configure an Elastic DRS policy and select 'Optimize for Rapid scale-out' as the policy type. This option allows for a rapid increase in the number of hosts within the cluster, which is necessary for full disaster recovery. For more information, please refer to the VMware Cloud on AWS Disaster Recovery Guide, which can be found

here:<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/VMware-Cloud-on-AWS-Disaster-Recover>

**NEW QUESTION 32**

A cloud administrator is looking for a unified solution to collect and analyze security events for troubleshooting from: VMware vSphere Windows Operating Systems Physical servers Web servers Database servers Amazon Web Services Which VMware Cloud service can meet this requirement?

- A. VMware vRealize Automation Cloud
- B. CloudHealth Secure State
- C. VMware vRealize Log Insight Cloud
- D. VMware vRealize Network Insight Cloud

**Answer:** C

**Explanation:**

<https://blogs.vmware.com/management/2022/08/forwarding-vsphere-audit-and-authentication-events-from-vreal>

**NEW QUESTION 34**

A customer needs additional capacity to handle seasonal spikes and decides to use a VMware Public cloud provider the extra capacity. Which use case describes this customer scenario?

- A. Disaster recovery
- B. Data center extension
- C. Cloud migrations
- D. Modernizing applications

**Answer:** B

**Explanation:**

This customer scenario describes a use case of extending the capacity of an existing data center with a public cloud provider, such as VMware Cloud. This allows the customer to extend their capacity to handle seasonal spikes in demand, without having to invest in additional physical infrastructure or make significant changes to their existing setup.

According to VMware's official website, "VMware Cloud enables customers to extend their data centers to the public cloud and dynamically scale capacity up or down with the same tools, processes, and policies they use today in their private cloud or data center environments." [1]

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

**NEW QUESTION 38**

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 41**

What is a key driver behind the multi-cloud journey?

- A. Facilitate disaster recovery
- B. Application modernization
- C. Digital transformation
- D. Cost savings

**Answer:** C

**Explanation:**

A key driver behind the multi-cloud journey is digital transformation, which is the process of using technology to optimize existing processes and systems in order to improve customer experiences, increase operational efficiency, and accelerate business growth. Multi-cloud solutions can help organizations modernize their applications and services, reduce costs, increase agility, and support digital transformation initiatives. 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 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 44**

A cloud administrator needs to create a secure connection over the Internet between an on-premises data center and a VMware Cloud software-defined data center (SDDC).

Which solution can accomplish this goal?

- A. VMware Site Recovery Manager
- B. VMware vRealize Network Insight
- C. VMware NSX
- D. VMware Cloud Director

**Answer:** C

**Explanation:**

VMware NSX is a network virtualization and security platform that provides a range of features for creating and managing virtual networks, including the ability to create secure connections over the Internet between on-premises data centers and VMware Cloud software-defined data centers (SDDCs). NSX allows you to create logical networks that are isolated from the underlying physical infrastructure, providing enhanced security and flexibility. With NSX, you can create secure, encrypted connections between your on-premises data center and your VMware Cloud SDDC, allowing you to easily and securely connect your workloads and applications running in the cloud to your on-premises resources.

**NEW QUESTION 48**

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 52**

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 54**

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 57**

A cloud administrator is tasked with deploying two virtual machines (APP01 and APP02) to a software-defined data center (SDDC) with multiple clusters hosted in VMware Cloud on AWS based on the following requirements:

- APP01 and APP02 should NOT run on the same host.
- Only three hosts in the SDDC are entitled to run the software installed on these servers.
- All entitled hosts are in cluster 1.

Which two actions should the administrator take to meet these requirements? (Choose two)

- A. Create a Disable DRS vMotion policy.
- B. Create a VM-VM anti-affinity policy.
- C. Deploy APP01 to Cluster 1 and APP02 to cluster 2.
- D. Create a VM-Host anti-affinity policy.

**Answer:** BD

**Explanation:**

**VM-VM Anti-Affinity**

A VM-VM anti-affinity policy describes a relationship between members of a category of VMs.

Use case:

When you want to place VMs running critical workloads on separate hosts so that the failure of one host does not affect other VMs in the category

Graphical user interface, text, application, email Description automatically generated

**VM-Host Affinity**

A VM-Host affinity policy describes a relationship between a category of VMs and a category of hosts.

Use cases:

- When host-based licensing requires that VMs running certain applications be placed on hosts that are licensed to run those applications
- When VMs with workload-specific configurations require placement on hosts that have certain characteristics



**NEW QUESTION 62**

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 65**

What must a cloud administrator configure in order to allow a company's on-premises data center to access the VMware Cloud on AWS vCenter Server.

- A. Management network segment
- B. Compute gateway firewall
- C. Management gateway firewall
- D. Compute network segment

**Answer:** C

**Explanation:**

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

**NEW QUESTION 68**

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 70**

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 75**

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-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 76**

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 81**

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 85**

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>  
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<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 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 87

A cloud administrator needs to configure a VM storage policy for virtual machines that will host a business critical application. The environment consists of a single cluster with six hosts. The application is storage I/O intensive and redundancy must be provided at the highest level possible. Which VM storage policy settings should the administrator configure to meet these requirements?

- A. RAID-1 FTT = 3
- B. RAID-1 FTT = 2
- C. RAID-5
- D. RAID-6

**Answer: B**

#### Explanation:

RAID-1 is a mirror configuration that provides high availability by creating multiple copies of a VMDK. RAID-5 and RAID-6 are erasure coding configurations that provide fault tolerance by distributing data and parity across multiple hosts.

The number of failures to tolerate (FTT) determines how many copies or parity blocks are created for each VMDK. For example, RAID-1 FTT = 2 means that there are three copies of each VMDK.

Therefore, based on your requirements, a possible VM storage policy setting could be RAID-1 FTT = 2, which would provide redundancy at the highest level possible with six hosts.

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

#### NEW QUESTION 91

A Cloud Administrator is tasked with choosing a correct Elastic DRS policy. The existing VMware Cloud on AWS environment consists of a single cluster with two hosts.

The following guidelines regarding the expected performance must be met:

- The cluster should be able to scale automatically when additional resources are required.
- Application performance should NOT be affected when the cluster scaling operation is being performed.

Which Elastic DRS policy should the cloud administrator Select?

- A. Optimize for Best Performances
- B. Elastic DRS Baseline
- C. Optimize for Rapid Scale-Out
- D. Optimize for Lowest Cost

**Answer: B**

#### Explanation:

Based on the given guidelines, the cloud administrator should select the Elastic DRS Baseline policy[1]. This policy is designed to scale the cluster automatically when additional resources are required, while also ensuring that application performance is not affected during the scaling operation. The Elastic DRS Baseline policy also ensures that resources are allocated efficiently and optimally[1], to minimize cost while ensuring that performance requirements are met.

For more information on the Elastic DRS Baseline policy[1], see the VMware official documentation at <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.sddc-management/GUI>

#### NEW QUESTION 92

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 96

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 101**

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 102**

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 105**

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 110**

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