

2V0-33.22 Dumps

VMware Cloud Professional

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NEW QUESTION 1

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

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

Answer: C

Explanation:

https://docs.vmware.com/en/VMware-Workspace-ONE-Access/20.10/workspace_one_access_install/GUID-E81 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 2

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

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

Answer: CE

Explanation:

Compatible top of rack switches are necessary to ensure that the data center is able to support the VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts deployments [1]. The switches must support 10GE and 25GE ports, as well as Layer 3 routing protocols such as OSPF and BGP.

Dedicated subnets for SDDC management network are also needed for the deployment of VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts [1].

The SDDC management network will be used for communication between the VMware Cloud components and the data center, and must be isolated from the customer network.

NEW QUESTION 3

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 4

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

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

Answer: C

Explanation:

An extended network segment is required for a cloud administrator to create a virtual machine that requires layer 2 connectivity to an on-premises workload.

Extended networks allow for the virtual machines to communicate directly with the on-premises workload while remaining isolated from the public cloud. This allows for the virtual machines to access the same services and workloads as the on-premises workloads while still remaining secure.

NEW QUESTION 5

Which two components are required in order to deploy a Tanzu Kubernetes Grid Cluster in VMware Cloud environment? (Choose two)

- A. Tanzu CLI
- B. Supervisor namespace
- C. vSphere VM folder

- D. vSphere resource pool
- E. YAML manifest file

Answer: CD

Explanation:

<https://docs.vmware.com/en/VMware-Tanzu-Kubernetes-Grid/1.6/air-gap-reference-architecture/GUID-deploy>m

NEW QUESTION 6

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 7

A cloud administrator needs to provide the security team with the ability to query and audit events and provide custom real-time alerts for the VMware NSX firewall running in VMware Cloud on AWS.

Which solution would the administrator use to accomplish this goal?

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

Answer: B

Explanation:

VMware vRealize Log Insight Cloud is a cloud-based log management and analytics solution that provides real-time visibility and analytics for VMware Cloud on AWS [1]. It allows security teams to query and audit events and set up custom real-time alerts. Additionally, it provides detailed insights into the activity of the VMware NSX firewall, allowing administrators to quickly identify suspicious activity and take action.

NEW QUESTION 8

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

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

Answer: DEF

Explanation:

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

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

NEW QUESTION 9

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

- A. The versions of VMware vSphere need to match between the on-premises data center and the cloud SDDC.
- B. A Layer 2 connection is configured between the on-premises data center and the cloud SDDC.
- C. AWS Direct Connect is configured between the on-premises data center and the cloud SDDC.

- D. IPsec VPN is configured between the on-premises data center and the cloud SDDC.
E. Cluster-level Enhanced vMotion Compatibility (EVC) is configured in the on-premises data center and the cloud SDDC.

Answer: CD

Explanation:

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

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

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

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

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

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

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

See Using AWS Direct Connect with VMware Cloud on AWS.

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

See "Hybrid Linked Mode" in Managing the VMware Cloud on AWS Data Center.

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

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

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

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

- Virtual machine hardware version 9 or later is required for migration with vMotion from the on-premises data center to the cloud SDDC.
 - EVC is not supported in the VMware Cloud on AWS SDDC.
 - VMs that are created in the cloud SDDC or that have been power-cycled after migration to the cloud SDDC can't be migrated back to the on-premises data center with vMotion unless the on-premises EVC baseline is Broadwell. You can relocate these VMs after powering them off, as long as their virtual machine hardware version is compatible with the on-premises data center.
 - Migration of VMs with DRS or HA VM overrides is not supported. For more information on VM overrides, see Customize an Individual Virtual Machine.
- Important: Source switch configurations (including NIOC, spoofguard, distributed firewall, and Switch Security) and runtime state are not applied at the destination as part of migration in either direction. Before you initiate vMotion, apply the source switch configuration to the destination network.
- In order for a virtual machine to be migrated using VMware vSphere vMotion, the versions of VMware vSphere need to match between the on-premises data center and the cloud SDDC, and a Layer 2 connection needs to be configured between them. Additionally, cluster-level Enhanced vMotion Compatibility (EVC) must be configured in both the on-premises data center and the cloud SDDC. IPsec VPN and AWS Direct Connect do not need to be configured for the migration to occur.

NEW QUESTION 10

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 10

A cloud administrator is tasked with creating a new network segment in the software-defined data center that utilizes the corporate DHCP server to provide IP addresses.

What is the proper sequence to create the required network segments?

- A. * 1- Create a new segment attached to the Tier-0 gateway* 2. Configure the segment DHCP Ip-helper
B. * 1. Create a DHCP server profile* 2. Create a new segment attached to the Tier-0 gateway* 3. Configure the segment DHCP config to utilize the new DHCP server profile
C. * 1. Create a new segment attached to the Tier-1 gateway* 2. Configure the segment DHCP ip-helper
D. * 1. Create a DHCP relay profile* 2. Create a new segment attached to the Tier-1 gateway* 3. Configure the segment DHCP config to utilize the new DHCP relay profile

Answer: B

Explanation:

<https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.1/administration/GUID-BF536EEF-7AC3-47D0-B> According to the VMware Exam Guide for Cloud Professional Exam

(https://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=45954), "To create a new network segment that utilizes the corporate DHCP server to provide IP addresses, the following sequence should be used: Create a DHCP server profile, create a new segment attached to the Tier-0 gateway, and configure the segment DHCP config to utilize the new DHCP server profile."

NEW QUESTION 13

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 17

A cloud administrator wants to view and manage workloads across both an on-premises environment and a VMware Cloud on AWS software-defined data center (SDDC).

Which solution meets this requirement?

- A. Enhanced Linked Mode
- B. VMware HCX
- C. vCenter Single Sign-On
- D. Hybrid Linked Mode

Answer: B

Explanation:

VMware HCX is a cloud migration and workload mobility solution that allows you to view and manage workloads across both an on-premises environment and a VMware Cloud on AWS software-defined data center (SDDC). It provides a secure[1], cross-cloud network bridge between your on-premises environment and VMware Cloud on AWS, allowing you to move workloads between the two environments with minimal effort. It also provides a unified view of both environments, allowing administrators to monitor and manage workloads across clouds from a single pane of glass. [1]

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

NEW QUESTION 22

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 27

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 29

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 33

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

HCX appliance requirements are as follows:

- HCX Manager: 4 vCPU, 128GB Memory
- HCX-IX Interconnect: 8 vCPU, 3GB Memory
- HCX network Extension: 8 vCPU, 3GB Memory
- HCX WAN Optimization: 8 vCPU, 14GB Memory

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

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

Answer: A

Explanation:

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

NEW QUESTION 38

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

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

Answer: D

Explanation:

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

NEW QUESTION 43

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

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

Answer: A

Explanation:

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

NEW QUESTION 45

Refer to the exhibit.

Specify the VPC and the subnet to connect to your AWS account

Choose the VPC and subnet from your AWS account where you have or may want to deploy AWS EC2 workloads to work with resources in your SDDC. You will only be able to choose subnets that are in the same availability zone as where the SDDC SDDC hosts are deployed.

What is an AWS VPC and subnet?

What is an Availability Zone?

VPC:

Subnet:

Configure Network Management Subnet (optional)

- Specify a private subnet range (CIDR block) to be used for vCenter, NSX Manager, and ESXi hosts.
- Choose a range that will not overlap with other subnets or CIDR blocks in your VPC that connect to this SDDC.
- Maximum CIDR size: /28 for up to 254 hosts, /29 for up to 254 hosts, /30 for up to 4096 hosts.
- Reserved CIDRs: 10.0.0.0/8, 172.16.0.0/12, 192.168.0.0/16.

Management Subnet:

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 48

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

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

Answer: B

Explanation:

Managing Costs:

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

Reclamation of Existing Resources:

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

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

Future Infrastructure Requirements

Run what-if scenarios:

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

Cloud Migration Planning:

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

Cost Overview

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

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

On the Cost Overview

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

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



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

NEW QUESTION 52

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 55

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 56

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

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

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

Answer: C

Explanation:

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

NEW QUESTION 58

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 61

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 63

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 66

Which use cases apply to NSX logical routing? (Select two options)

- A. You must provide external connectivity to VMs and containers.
- B. Your organization must provide connectivity between VMs and containers that are connected to different segments.
- C. You want to provide layer 2 connectivity between VMs and microservices.
- D. You require intrinsic security for VMs connected to different segments.

Answer: AB

Explanation:

The two use cases that apply to NSX logical routing are A. You must provide external connectivity to VMs and containers, and B. Your organization must provide connectivity between VMs and containers that are connected to different segments. NSX logical routing allows you to provide external connectivity to VMs and containers, and to provide layer 3 connectivity between VMs and containers that are connected to different segments. It does not provide layer 2 connectivity between VMs and microservices or intrinsic security for VMs connected to different segments.

NEW QUESTION 67

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 72

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 73

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 77

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 82

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 87

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 89

Which solution would an administrator use to manage the lifecycle operations of Tanzu Kubernetes clusters?

- A. VMware Tanzu Service Mesh
- B. VMware vSphere Lifecycle Manager
- C. VMware Tanzu Observability by Wavefront
- D. VMware Tanzu Kubernetes Grid

Answer: D

Explanation:

VMware Tanzu Kubernetes Grid is described as a comprehensive solution for operating Kubernetes-based applications in production, as well as creating, scaling and managing clusters. It provides a centralized control plane for managing the lifecycle operations of Tanzu Kubernetes clusters.
(Source:<https://tanzu.vmware.com/kubernetes>)

NEW QUESTION 91

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

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

Answer: B

Explanation:

Compute Gateway (CGW) The CGW is a Tier 1 router that handles network traffic for workload VMs connected to routed compute network segments. Compute gateway firewall rules, along with NAT rules, run on the Tier 0 router. In the default configuration, these rules block all traffic to and from compute network segments (see Configure Compute Gateway Networking and Security).
<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-on-aws-networking-security.pdf>

NEW QUESTION 93

In order to provide overlapping IP address segments within a VMware cloud Environment, what must be configured?

- A. Additional NSX Edge appliances
- B. Additional Tier-1 gateways
- C. Additional network segments
- D. Additional Tier-0 gateways

Answer: B

Explanation:

<https://vmc.techzone.vmware.com/understanding-segments-vmc-aws>

NEW QUESTION 95

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 100

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 105

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 108

A cloud administrator successfully configures a policy-based VPN between an on-premises data center and an instance of VMware Cloud Software-defined data center (SDDC). Although the workloads are reachable from both locations over the IP network, the cloud virtual machines cannot access an on-premises web service. What should the cloud administrator check first to resolve this issue?

- A. On-premises DNS settings
- B. VMware Cloud DNS settings
- C. On-premises gateway settings
- D. VMware Cloud gateway settings

Answer: B

Explanation:

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

NEW QUESTION 109

A company needs to increase its infrastructure capacity quickly to accommodate their rapid business growth. Which cloud use case describes their requirement?

- A. Maintain and Modernize
- B. Consolidate and Migrate
- C. Disaster Recovery
- D. Maintain and Expand

Answer: A

Explanation:

<https://www.vmware.com/mena/topics/glossary/content/digital-transformation.html>

NEW QUESTION 111

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 115

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 119

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:

- Connectivity to the VMware Cloud on AWS environment must support high-throughput data transfer.
- Connectivity to the VMware Cloud on AWS environment must NOT have a single point of failure.
- Any network traffic between on-premises company locations must be sent over a private IP address space. Which design decisions should be made to meet these network connectivity requirements?

A. • Configure a Direct Connect from headquarters to VMware Cloud on AWS. • Use a private VIF for this connection. • Configure a secondary, standby Direct Connect from headquarters using a public VIF. • Configure dual, redundant, policy-based IPsec VPN connections from each regional office to VMware Cloud on AWS.

B. • Configure a Direct Connect from headquarters to VMware Cloud on AWS. • Use a public VIF for this connection. • Configure a route-based IPsec VPN tunnel as a secondary method of connectivity from headquarters to VMware Cloud on AWS. • Configure dual, redundant, route-based IPsec VPN connections from each regional office to VMware Cloud on AWS.

C. • Configure a Direct Connect from headquarters to VMware Cloud on AWS. • Use a private VIF for this connection. • Configure a route-based IPsec VPN tunnel as a secondary method of connectivity from headquarters to VMware Cloud on AWS, taking care to enable the "Use VPN as Backup to Direct Connect" option. • Configure dual, redundant, route-based IPsec VPN connections from each regional office to VMware Cloud on AWS.

D. • Configure a Direct Connect from headquarters to VMware Cloud on AWS. • Use a private VIF for this connection. • Configure a policy-based IPsec VPN tunnel as a secondary method of connectivity from headquarters to VMware Cloud on AWS, taking care to enable the "Use VPN as Backup to Direct Connect" option. • Configure dual, redundant, policy-based IPsec VPN connections from each regional office to VMware Cloud on AWS.

Answer: C

Explanation:

Option C is the best design decision that meets the network connectivity requirements. Configuring a Direct Connect from headquarters to VMware Cloud on AWS with a private VIF will ensure high-throughput data transfer and eliminate the single point of failure. To ensure that all network traffic between on-premises company locations is sent over a private IP address space, a route-based IPsec VPN tunnel should be configured as a secondary method of connectivity from headquarters to VMware Cloud on AWS, taking care to enable the "Use VPN as Backup to Direct Connect" option. Finally, dual, redundant, route-based IPsec VPN connections should be configured from each regional office to VMware Cloud on AWS.

NEW QUESTION 124

Which three items should be considered when performing a hot migration of a virtual machine (VM)? (Choose three.)

- A. The source and destination host management network IP address families must match
- B. The vGPU configuration of the VM
- C. The status of the guest operating system in the VM
- D. The CPU instruction set required by the VM
- E. The source and destination host must have shared access to the storage that contains the VM
- F. The status of VMware Tools on the VM

Answer: CEF

Explanation:

For the source and destination host to have shared access to the storage that contains the VM, they must be able to access the same datastore. This requires that the datastore be available to both hosts and that the datastore has the same name on both hosts.

The status of VMware Tools on the VM should also be checked before performing a hot migration. VMware Tools is a suite of utilities that enhances the performance of a virtual machine's guest operating system and improves the management of the virtual machine. If VMware Tools is not installed or not up to date, the hot migration may fail.

Finally, the status of the guest operating system in the VM should also be checked before performing a hot migration. The guest operating system should be up and running and not in a suspended state. If the guest operating system is in a suspended state, the hot migration may fail.

The CPU instruction set required by the VM and the vGPU configuration of the VM are not items to consider when performing a hot migration of a virtual machine. The source and destination host management network IP address families do not need to match for the hot migration to be successful.

References:

[1] https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vm_admin.doc/GUID-B2B7F78A

NEW QUESTION 126

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 128

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 131

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

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

Answer: AB

Explanation:

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

NEW QUESTION 136

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 139

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 140

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 142

A Cloud Administrator is managing a VMware Cloud environment consisting of a single cluster with 10 hosts. The administrator is trying to create a new virtual machine and is getting the following error message: cannot complete file creation operation. There are currently 2 unable failure domains. the operation requires 3 more usable fault domain. failed to create object.

- A. The VM storage policy is configured Incorrectly for the cluster.
- B. There is insufficient CPU and memory based on the current virtual machine resource reservation settings.
- C. One of the hosts is in maintenance mode.
- D. vSphere Distributed Resource Scheduler (DRS) is enabled.

Answer: C

Explanation:

The error message that the Cloud Administrator is receiving indicates that the cluster is not able to meet the requirements of the new virtual machine due to insufficient fault domains. The most likely cause of this is that one of the hosts is in maintenance mode. When a host is in maintenance mode, it is not available to the cluster, and thus cannot provide the necessary fault domains. To correct this issue, the Cloud Administrator should ensure that all hosts in the cluster are available and not in maintenance mode before attempting to create the new virtual machine.

NEW QUESTION 147

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 152

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 155

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