VMware

Exam Questions 2V0-33.22

VMware Cloud Professional

NEW QUESTION 1
A cloud administrator is looking to migrate several dozen workloads from their on-premises location to a VMware public cloud using the vMotlon 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 2
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 3
A cloud administrator wants to migrate a virtual machine using VMware vSphere vMotlon 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 centerwith 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 4
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 Tler-0 gateway* 2. Configure the segment DHCP Ip-helper
B. * 1. Create a DHCP server profile* 2. Create a new segment attached to the Tler-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 Tler-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 Tler-0 gateway, and configure the segment DHCP config to utilize the new DHCP server profile."

NEW QUESTION 5
When configuring VMware Cloud Disaster Recovery (VCDR), with what can protection groups and disaster recovery plans be associated?

A. Only a single vCenter Instance In the on-premises data center or VMware Cloud software-defined data center (SDDC).
B. Multiple vCenter instances in the same VMware Cloud software-defined data center (SDDC) or on-premises data center.
C. Multiple vCenter instances in the same VMware Cloud software-defined data center (SDDC) or only a single vCenter in the on-premises data center.
D. Only a single vCenter Instance in the VMware Cloud software-defined data center (SDDC) or multiple vCenter Instances In the on-premises data center.

Answer: A

Explanation:
vCenter Mapping Mapping vCenters in a DR plan consists of selecting source vCenters that are registered to the protected site. Choosing a target vCenter for a Failover SDDC is simple; each SDDC contains a single vCenter instance. For VMware Cloud Disaster Recovery, keep in mind that a protected site can have multiple registered vCenters, but you can only map one vCenter on VMware Cloud on AWS per-DR
plan.https://vmc.techzone.vmware.com/resource/introduction-vmware-cloud-disaster-recovery#inventory-and-re

NEW QUESTION 6
Which two steps does a cloud administrator need to take when protecting a VMware Cloud on AWS
software-defined data center (SDDC) with VMware site Recovery? (Choose Two.)

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

Answer: AC

Explanation:
A cloud administrator needs to deploy the vSphere Replication virtual appliance and the Site Recovery manager virtual appliance when protecting a VMware Cloud on AWS software-defined data center (SDDC) with VMware Site Recovery.
The vSphere Replication virtual appliance is responsible for replicating the virtual machines from the source to the target site. Site Recovery Manager virtual appliance acts as the central management and orchestration platform for the entire disaster recovery process.

NEW QUESTION 7
In VMware Cloud, who is responsible for the encryption of virtual machines?

A. Native cloud provider
B. Customer
C. VMware Cloud Provider Partner (VCPP)
D. VMware

Answer: B

Explanation:
Customer responsibility "Security in the Cloud" – Customers are responsible for the deployment and ongoing configuration of their SDDC, virtual machines, and data that reside therein. In addition to determining the network firewall and VPN configuration, customers are responsible for managing virtual machines (including in guest security and encryption) and using VMware Cloud on AWS User Roles and Permissions along with vCenter Roles and Permissions to apply the appropriate controls for users.
The responsibility for the encryption of virtual machines in VMware Cloud lies with the customer. The customer is responsible for configuring and managing any encryption or security related settings and configurations in the virtual machines, such as disk encryption or the configuration of security protocols. The VMware Cloud Provider Partner (VCPP) is responsible for the overall security of the cloud
environment [1][2], including the encryption of data at rest, but the customer is responsible for configuring
and managing the encryption settings within their virtual machines.
Reference: https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.encryption/

NEW QUESTION 8
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 9
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) todynamically 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 10
A cloud administrator is tasked with improving the way that containers are scaled and managed in the environment. There is a currently no container orchestration solution implemented. Which solution can the administrator leverage to achieve this?

A. VMware NSX Container Plugin
B. Kubernetes
C. VMware vRealize Suite Lifecycle Manager
D. etcd

Answer: B

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

NEW QUESTION 10
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 15
Refer to the exhibit.

A cloud administrator is deploying a new VMware Cloud on AWS virtual private cloud (VPC). After clicking on deploy, the screen refreshes and displays the information that is provided in the exhibit.
What is the issue with the management CIDR that is causing the deployment to fall?

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-o 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 18
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 20
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 21
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 25
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 28
A virtual machine running in VMware Cloud on AWS Is experiencing poor CPU performance. What are two steps the cloud administrator can take to troubleshoot this issue? (Choose two.)

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

Answer: BE

Explanation:
"It is a good idea to periodically monitor the CPU usage of the host. This can be done through the vSphere Client, using the VMware vRealizeOperations management suite, or by using resxtop. Below we describe how to interpret resxtop"https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-performance.pdf
➢ Use the VMware vSphere Client to connect to the VMware vCenter which manages the virtual machine and examine its performance statistics. You can use charts, alarms, and events to identify CPU
bottlenecks or contention.
➢ Use the Troubleshooting Workbench in VMware vRealize Operations Cloud to look for potential evidence. You can use dashboards, alerts, metrics, logs, and recommendations to diagnose and resolve CPU performance issues.
https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-aws-performance.pdf

NEW QUESTION 31
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 33

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

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

Answer: BCEF

Explanation:
Example B illustrates the benefit of cloud computing where an organization can manage its cloud resources by using different cloud providers that are separate and isolated from each other. This allows the organization to make use of features and services offered by different cloud providers in order to benefit from the best of different services.
Example C illustrates the benefit of cloud computing where a business can store infrequently accessed data in the cloud in order to benefit from reduced on-premises storage costs, as cloud storage is usually cheaper than on-premise storage.
Example E illustrates the benefit of cloud computing where a developer can code an application in a
cloud-based environment, and, with a few simple commands, deploy the application on the business website. This eliminates the need for the developer to set up and manage the application on their own, as the cloud platform handles the deployment and hosting of the application.
Example F illustrates the benefit of cloud computing where a large amount of storage can be made available in seconds using a cloud option. This is useful for businesses that require a large amount of storage but don't have the resources to set up and manage their own storage solution.
For more information on the benefits of cloud computing, see the VMware official documentation athttps://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.getting-started/GUID-F

NEW QUESTION 36
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-O gateways

Answer: B

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

NEW QUESTION 38
An organization Is running multiple applications that span different public clouds. The cloud administrator is asked to perform budget management, cost reporting and cost forecasting from a single platform.
Which VMware Cloud service can the cloud administrator use to meet this requirement?

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

Answer: D

Explanation:
CloudHealth by VMware is a cloud cost governance platform that provides budget management, cost reporting, and cost forecasting from a single platform. It provides comprehensive visibility and control to manage cloud costs in hybrid and multi-cloud environments. CloudHealth by VMware also provides cost optimization, resource optimization, and real-time alerting capabilities to help organizations make
cost-effective decisions to reduce cloud costs.

NEW QUESTION 40
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 45
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 50
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 51
A cloud administrator is tasked with migrating workloads from an on-premises environment to a VMware Cloud on AWS software-defined datacenter (SDDC) with no downtime while retaining their IP Address. Which connectivity type should be used?

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

Answer: D

Explanation:
Private L2 VPN: To migrate running VMs between SDDCs in different geographical locations.
You use a private layer 2 (L2) VPN to extend an on-premises network to your cloud SDDC. This extended network is a single subnet with a single broadcast domain.
You can use L2 VPNs to migrate VMs to and from your cloud SDDC, for disaster recovery, or for dynamic access to cloud computing resources (often called cloud bursting).
VM migrations across an L2 VPN support VLAN tagging and GENEVE frame encapsulation when migrating between a cloud SDDC to another SDDC.
The L2 VPN tunnel extends layer 2 networks across geographic sites. VMs can move across sites (using vSphere vMotion) and keep the same IP addresses using an L2 VPN.

NEW QUESTION 56
A cloud administrator is planning to migrate 1,000 VMs from their existing on-premises location into VMware Cloud on AWS. The migration will need to be completed as quickly as possible. Upon completion, the users will need the most reliable, lowest latency connection possible.
Which on-premises data center connectivity option will meet these requirements?

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

Answer: B

Explanation:
The best option to meet the requirements of quickly migrating 1,000 VMs with the lowest latency and most reliable connection possible is to use AWS Direct Connect. AWS Direct Connect provides a dedicated network connection between an on-premises data center and the Amazon Web Services (AWS) cloud, allowing for the transfer of data across the two locations. It is more reliable and has lower latency than other options such as Layer 2 VPN, VMware Transit Connect, and IPsec VPN. Additionally, AWS Direct Connect provides the highest performance and throughput of any of the on-premises data center connectivity options.
Why does VMware refuse to educate their customers ... - VMware ... https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-to-educate-their-c VMware Technical Support Guide
https://www.vmware.com/pdf/techsupportguide.pdf Publishing Applications with VMware Horizon 7
https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application

NEW QUESTION 58
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 61
A cloud administrator is deploying a new software-defined data center (SDDC) in VMware Cloud on AWS. Long-term planning indicates that a minimum of 30 hosts are required.
What is a valid management network CIDR based on the requirements?

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

Answer: D

Explanation:
A valid management network CIDR based on the requirements is 10.1.0.0/20, as this provides a range of 4096 IP addresses, which is more than enough for 30 hosts. A /23 CIDR only provides 512 IP addresses, which is not enough for 30 hosts, while a /24 CIDR provides 256 IP addresses and a /16 CIDR provides 65,536 IP addresses, which is more than is needed for the 30 hosts.
https://blogs.vmware.com/cloud/2019/10/03/selecting-ip-subnets-sddc/

NEW QUESTION 64
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