VMware

Exam Questions 2V0-33.22

VMware Cloud Professional

NEW QUESTION 1
When preparing to deploy VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts in a data center, which two networking constrains 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 2
A customer needs to set up a self-managed VDI solution that can be deployed to any VMware Cloud. Which two VMware solutions can meet this requirement? (Choose two.)

A. VMware Dynamic Environment Manager (DEM)
B. VMware ThinApp
C. VMware Workspace ONE Unified Endpoint Management (UEM)
D. VMware Horizon
E. VMware Workspace ONE Access

Answer: DE

Explanation:
The two VMware solutions that can meet the customer's requirement for a self-managed VDI solution are D. VMware Horizon and E. VMware Workspace ONE Access. VMware Horizon is a virtual desktop and application virtualization platform that enables customers to set up and deploy a virtual desktop infrastructure in any cloud environment. VMware Workspace ONE Access provides secure access to applications, data, and devices in any cloud environment.

NEW QUESTION 3
A cloud administrator is tasked with deploying a new software-defined data center (SDDC) in VMware Cloud on AWS and has been able to log into the VMware Cloud console Successfully. However, they cannot access the VMware Cloud on AWS Services. Which two tasks need to be performed for the administrator to gain access? (Choose two.)

A. The cloud administrator will need to create a new subscription for the VMware Cloud on AWS service.
B. The cloud administrator will need to request access to the VMware Cloud on AWS service
C. The cloud administrator will need the globalcloudadmin role in the VMware Cloud on AWS service.
D. The cloud administrator will need the Administrator role in the VMware Cloud on AWS service.
E. The cloud administrator will need the cloudadmin role in the VMware Cloud on AWS service.

Answer: BD

Explanation:
(Reference:https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vcloud.admin.doc/GUI To request access to the VMware Cloud on AWS service, the cloud administrator must log in to the VMware Cloud Console and fill out the New Subscription Request form. Once the form is filled out and submitted, the cloud administrator will receive an email with instructions on how to access the VMware Cloud on AWS service.
The cloud administrator will also need to have the Administrator role in the VMware Cloud on AWS service in order to gain access. The Administrator role allows the cloud administrator to access the VMware Cloud on AWS service, view the services available in the VMware Cloud on AWS console, and manage the resources in the SDDC.

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 Could 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-deploym

NEW QUESTION 6
A Cloud Administrator is responsible for which three of the listed operations in VMware Cloud on AWS? (Choose three.)

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

Answer: ACF

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

NEW QUESTION 7
A cloud administrator 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
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 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 9

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 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 10

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

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

Answer: BC

Explanation:
Incident and Problem Management: VMware will provide incident and problem management services (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to availability of the Service Offering. VMware is responsible for incident and problem management (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to all virtual machines that you have deployed in your SDDC.
https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/support/vmw-cloud-aws-service-descrip

NEW QUESTION 15

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 20
Which logical switching component provides layer 2 forwarding functionality in a VMwareCloud software-defined data center (SDDC).

A. Segment port
B. Uplink
C. N-VDS/VDS
D. Transport node

Answer: C

Explanation:
A VMware Cloud software-defined data center (SDDC) uses a logical switching component called a Network Virtual Distributed Switch (N-VDS) or vSphere Distributed Switch (VDS) to provide layer 2 forwarding functionality [1][2]. A VDS is a network switch that provides centralized network configuration, management, and monitoring. It works with the NSX for vSphere data plane to provide layer 2 forwarding, packet filtering, and traffic monitoring services. A VDS is composed of multiple Segment Ports (which are like individual physical ports on a normal switch), Uplinks, and Transport Nodes. The Segment Ports are used to connect virtual machines to the VDS, while Uplinks are used to connect the VDS to physical networks. Transport
Nodes are the physical switches that are associated with the VDS. For more information, see the official VMware documentation here: https://docs.vmware.com/en/VMware-NSX-Data-Center/2.4/nsx_24_sdn_networking/GUID-A4A6E4A8

NEW QUESTION 22
A cloud administrator is tasked with moving critical business workloads between two VMware Cloud on AWS software-defined data centers (SDDCs) located in different geographical regions. The following requirements must be met:
• Migrate 300 virtual machines from region A to region B with minimal downtime of the applications.
• Non-disruptively resume application access of the targeted virtual machines in the event the migration fails.
• Support concurrent switch over of the application workloads to occur during a pre-defined maintenance window.
Which VMware HCX migration type should be used to meet these requirements?

A. VMware HCX Cold Migration
B. VMware HCX Bulk Migration
C. VMware HCX vMotion
D. VMware HCX Replication Assisted vMotion

Answer: D

Explanation:
https://docs.vmware.com/en/VMware-HCX/4.5/hcx-user-guide/GUID-741F47D5-A3C9-4D74-9672-E54D8791 "VMware HCX Replication Assisted vMotion (RAV) uses the HCX Interconnect appliance along with
replication and vMotion technologies to provide large scale, parallel migrations with zero downtime."
Understanding VMware HCX Replication Assisted
vMotion:https://docs.vmware.com/en/VMware-HCX/4.6/hcx-user-guide/GUID-741F47D5-A3C9-4D74-9672-E

NEW QUESTION 26
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 30
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 34
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 35
Which two key components are required in every instance in the VMware Cloud software-defined datacenter (SDDC)? (Choose two.)

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

Answer: AD

Explanation:
The correct answers are A and D. Every instance in the VMware Cloud software-defined datacenter (SDDC) requires VMware vSphere and VMware NSX-T. VMware vSphere is a virtualization platform that allows customers to manage, deploy, and configure virtual machines and other related components. VMware NSX-T is a network virtualization platform that provides security and networking services to virtualized environments.

NEW QUESTION 39
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 43
Which two Tanzu Kubernetes Grid service component must an administrator configure within VMware Cloud to enable to deploy a namespace or their Kubernetes Application developments? (Choose two)

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

Answer: CD

Explanation:
Tanzu Kubernetes Grid is a service from VMware Cloud that enables customers to deploy and manage Kubernetes applications in the cloud. In order to deploy a namespace or their Kubernetes Application developments, an administrator must configure a Tanzu Kubernetes Cluster and a Management Cluster.
A Tanzu Kubernetes Cluster is a cluster of nodes that are used to run applications and services. The nodes are connected to the Management Cluster, where administrators can manage and monitor deployments.
The Management Cluster is a cluster of nodes that are used to manage and monitor the Tanzu Kubernetes Cluster nodes. It provides the tools to manage and monitor deployments, as well as to configure and maintain the Tanzu Kubernetes Cluster nodes.
According to VMware's official website, "Tanzu Kubernetes Grid is a service that provides a simplified way to deploy and manage Kubernetes applications in the cloud. It provides a single control plane for managing multiple Kubernetes clusters, allowing customers to easily deploy and manage their applications across multiple clusters and environments." [1]
[1] https://www.vmware.com/products/tanzu-kubernetes-grid.html

NEW QUESTION 46
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 50
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 54
A customer is concerned about threats propagating out to their cloud disaster recovery site. Which VMware Cloud solution offers the capability for an operational air-gap to stop ransomware?

A. VMware Cloud Disaster Recovery
B. VMware Hybrid Cloud Extension
C. VMware Site Recovery

D. VMware Secure Access Service Edge

Answer: A

Explanation:
https://blogs.vmware.com/virtualblocks/2021/09/28/operational-air-gaps/
Operational isolation (operational "air-gapping") is critical to DR. VMware Cloud DR was designed from the very beginning for its systems and repository to be operationally isolated and for instantiating isolated recovery environments.

NEW QUESTION 56
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 58
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 61
Which statement most accurately describes the service features of VMware Cloud on Dell EMC? (Select one option)

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

Answer: C

Explanation:

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

NEW QUESTION 66
Which statement describes the VMware Multi-Cloud vision?

A. Flexibility to operate globally and consistently
B. Flexibility to choose any hardware vendor
C. Flexibility to manage infrastructure through outsourcing
D. Flexibility to choose any hypervisor

Answer: A

Explanation:
https://www.vmware.com/cloud-solutions/multi-cloud.html
Multi-Cloud Solutions Redefine the foundation of IT to power every application on any cloud. With
Multi-Cloud solutions from VMware, you can migrate to the cloud without recoding your apps, modernize your infrastructure, and operate consistently across the data center, the edge, and any cloud.

NEW QUESTION 71
A customer is looking to leverage a VMware Public Cloud solution to provide them with additional compute capacity as seasonal demand increases for their online business.
The current on-premises data center is configured as follows:
• VMware vSphere 7.0
• VMware vSphere Distributed Switch (vDS) 7.0
• Management and Server network - 172.18.0.0/16
• vMotion network - 192.168.120.0/24
• 250 application servers
Given the information in the scenario, which capability of VMware HCX will the customer not be able to utilize?

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

Answer: B

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

NEW QUESTION 74
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 77
Which out-of-the-box role is required in order to create a content library In VMware Cloud on AWS?

A. CloudGlobalAdmln
B. CloudAdmin
C. Active Directory ESXi Admin
D. Ad mlnistrator@vSpher
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 80
On VMware Cloud on AWS, which type of host do you use when you require high local storage requirements and additional cores for your workloads? (Select one option)

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

Answer: C

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

NEW QUESTION 85
A cloud administrator is notified by VMware that their VMware Cloud on AWS Instance will be updated in seven days. Which action does the cloud administrator need to take to allow the update?

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

Answer: C

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

NEW QUESTION 87
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 88
A cloud administrator has a portion of its on-premises infrastructure hardware that is going to be again out of its support lifecycle later this year. Due to the regulatory requirement, the applications running on this hardware cannot be migrated to the public cloud, but the Administrator is also trying to reduce its operational expenses of managing and maintaining the hardware it owns and reduce capital expenditures. Which two solutions would achieve these goals? (Choose two.)

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

Answer: BE

Explanation:
VMware Cloud on Dell EMC is a service that allows customers to deploy and manage VMware Cloud Foundation in their own data center, eliminating the need to buy and maintain their own hardware. This solution allows customers to reduce costs associated with maintaining their own hardware, as well as reduce capital expenditures by not needing to buy new hardware.
VMware Cloud on AWS is a fully managed service that allows customers to run their VMware-based workloads on the AWS Cloud. This solution allows customers to take advantage of the scalability and cost savings of the public cloud, while still being able to maintain regulatory compliance for their workloads.
According to VMware's official website, "VMware Cloud on AWS is an on-demand service that enables customers to run applications across vSphere-based cloud environments with access to a broad range of AWS services. Customers get the same architecture, features, and operational experience regardless of where you deploy applications – on-premises, in the cloud, or in a hybrid or multi-cloud configuration." [1]
[1] https://www.vmware.com/products/vmware-cloud-on-aws.html

NEW QUESTION 92
A user is assigned the CloudAdmin role in a VMware Cloud on AWS software-defined data center (SDDC). At which level in the inventory hierarchy can the user deploy virtual machines?

A. Compute-ResourcePool in the Hosts and Clusters view
B. Discovered virtual machine folder in the VMs and Templates view
C. vsanDatastore in the Storage view

D. Mgmt-ResourcePool in the Hosts and Clusters view

Answer: B

Explanation:
This would enable the user to have the necessary permissions to deploy virtual machines - and thus, would ensure that all of the necessary virtual machines are deployed in a timely and efficient manner.

› VMware Cloud on AWS Documentation: "Deployment of virtual machines"

› VMware Cloud on AWS Documentation: "Creating virtual machines with the VMware Cloud on AWS console"

› VMware Cloud on AWS Documentation: "Managing virtual machines with the VMware Cloud on AWS console"

NEW QUESTION 95
What are two key benefits of VMware's partnerships with hyperscalers? (Choose two.)

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

Answer: AC

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

NEW QUESTION 97
An administrator wants to have a global view of all managed Tanzu Kubernetes clusters and manage the policies across them. Which solution would the administrator use?

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

Answer: A

Explanation:
VMware Tanzu Mission Control provides a central platform to manage and view all Tanzu Kubernetes clusters and workloads running in the environment. It allows administrators to set policies across multiple clusters, set up cluster identities, monitor cluster health and performance, and much more. Tanzu Mission Control also provides access to a variety of cloud-native tools, such as Kubernetes Dashboard, Helm, and Kubeapps.
Publishing Applications with VMware Horizon 7 https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application VMware Technical Support Guide
https://www.vmware.com/pdf/techsupportguide.pdf
Quick-Start Tutorial for VMware Dynamic Environment Manager ... https://techzone.vmware.com/resource/quick-start-tutorial-vmware-dynamic-environment-manager "VMware Tanzu® Mission ControlTM is a centralized management platform for consistently operating,
managing, and securing Kubernetes infrastructure and modern applications across teams and clouds. It provides a global view of all of the Kubernetes clusters. You can use the resource hierarchy to manage and enforce consistent policies across Kubernetes clusters. "

NEW QUESTION 99
Which vSphere HA default response is applied when a virtual machine crashes on a VMware Cloud cluster?

A. Restart the impacted virtual machine on the same host in the same SDDC cluster
B. Shut down the impacted virtual machine and do not restart it anywhere
C. Restart the impacted virtual machine on other hosts in other SDDC Cluster
D. Restart the impacted virtual machine on other hosts in the same SDDC Cluster

Answer: D

Explanation:
VMware High Availability (HA) is a feature of the VMware Cloud platform that monitors the health of virtual machines and restarts virtual machines on other hosts if they crash or become unresponsive. This ensures that the virtual machines are always available and that no downtime is experienced. The default response is to restart the impacted virtual machine on other hosts in the same SDDC Cluster, however, this can be customized to suit the needs of the customer.
References:
[1]https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.availability_and_scala

NEW QUESTION 103
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 107
Which three organizational aspects need to be considered to successfully transition to a cloud operating model? (Choose three.)

A. People
B. Technology
C. Process
D. Branding
E. Budget
F. Facilities

Answer: ABC

Explanation:
https://blogs.vmware.com/management/2020/01/the-cloud-operating-model.html

NEW QUESTION 110
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-prerinse 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 114
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 116
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.htmlAnd the official VMware documentation on VMware Cloud on AWS
Outposts:https://www.vmware.com/products/vmware-cloud-on-aws-outposts.html

NEW QUESTION 119
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 120
Which three components can be part of a virtual machine template? (Choose three.)

A. Installed applications, tools, and patches
B. vSphere tags
C. Custom attributes
D. Virtual Machine hardware configuration
E. Guest operating system
F. Virtual machine snapshots

Answer: ADE

Explanation:
To create a virtual machine template, you will need to configure the virtual machine hardware configuration, install the necessary applications, tools, and patches, and select the guest operatingsystem. The template can also include vSphere tags and custom attributes to further customize the virtual machine. Additionally, the template can include virtual machine snapshots which will save the current state of the virtual machine and can be used to quickly restore the machine to the same state.
VMware Technical Support Guide https://www.vmware.com/pdf/techsupportguide.pdf Publishing Applications with VMware Horizon 7 https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application What is Server Virtualization? | VMware Glossary https://www.vmware.com/topics/glossary/content/server-virtualization.html

NEW QUESTION 124
A Cloud Administrator is managing a VMware Cloud environment consisting of a single cluster with to 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 125
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