

VMware.Premium.2V0-33.22.30q - DEMO

Number: 2V0-33.22
Passing Score: 800
Time Limit: 120 min



Exam Code: 2V0-33.22
Exam Name: VMware Cloud Professional
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Exam A**QUESTION 1**

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

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.local

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

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

QUESTION 3

What is one way in which VMware Multi-Cloud addresses challenges with the cloud computing model?

- A. Provides savings on capital expenses and the use of a flexible payment structure where payment is only done based on the resources used.
- B. Provides visibility and tools to manage resources, workloads and operations across clouds from a common operating environment.
- C. Eliminates worry associated with managing IT infrastructures and shifts focus to application development and other priorities using the most up-to-date technology.
- D. Increases agility that encompasses scalability, customizability, and access to the cloud service from anywhere and on any device.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 4

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
 Explanation:

QUESTION 5
 Refer to the exhibit.

VPC and subnet 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 which are in the same availability zone as where the SDDC EC2 hosts are deployed.

What is an AWS VPC and Subnet?

What is an Availability Zone?

VPC: vpc-09a8f813ac257301 (10.0.0.0/16)

Subnet: sn-422c1103250232 (10.0.0.0/16)

To leverage native AWS services on your SDDC, deploy your AWS EC2 workloads in the same availability zone to avoid cross AZ traffic usage.

Configure Network Management Subnet (optional)

- Identify a private subnet range (RFC 1918) to be used for vCenter, Support, NSX Manager, and PSX hosts.
- Choose a range that will not overlap with other IP address ranges or SDDC private addresses that connect to this SDDC.
- Minimum CIDR size: /23 for up to 27 hosts, /20 for up to 253 hosts, /16 for up to 4094 hosts.
- Reserved CIDRs: 10.0.0.0/8, 172.16.0.0/16.

Management Subnet: 10.0.0.0/16

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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
 Explanation:

<https://docs.aws.amazon.com/whitepapers/latest/sddc-deployment-and-best-practices/deployingvmware-cloud-on-aws-sddc.html>

This 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.

QUESTION 6
 Which two steps should an administrator take to allow HTTPS access to a specific virtual machine (VM) through the public Internet for VMware Cloud on AWS? (Choose two.)

- A. Create a custom service called HTTPS using port 443.

- B. Configure AWS Direct Connect.
- C. Configure a SNAT rule translating an internal IP address to a public IP address.
- D. Request a public IP address in the VMware Cloud console.
- E. Configure a DNAT rule translating a public IP address to an internal IP address.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 8

A cloud administrator is asked to evaluate a number of disaster recovery solutions for the business.

The current on-premises environment is built around the latest version of VMware vSphere 7.0.

The following requirements must be met:

- Follow an on-demand cloud consumption model
- Must be a managed offering
- Deliver a recovery point objective (RPO) of no more than 30 minutes
- Rapid power-on of recovered virtual machines/ assuming cloud capacity availability
- Must accommodate for single region failure

Which solution would meet these requirements?

- A. VMware Cloud Disaster Recovery
- B. VMware Cloud on AWS Stretched Cluster
- C. VMware vSphere Replication
- D. VMware Site Recovery Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 9

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 10

Which two networking planes are converged in a VMware NSX-T Data Center? (Choose two.)

- A. Control Plane
- B. I/O Plane
- C. Management Plane
- D. Consumption Plane
- E. Data Plane

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 11

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12

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.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13

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)

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

A cloud administrator requires an external secure connection into their data center to use Border Gateway Protocol (BGP). Which connection type can they use to connect to an Instance of VMware Cloud?

- A. Policy-based virtual private network (VPN)
- B. Public IPs over the Internet
- C. Private L2 virtual private network (VPN)
- D. Route-based virtual private network (VPN)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 15

An administrator is tasked with collecting a support bundle from a Tanzu Kubernetes cluster for a support case. How can the administrator collect this support bundle for the Tanzu Kubernetes cluster?

- A. Run the -ckc-suppor-c-bundior command.
- B. Run the kubact1 logs my-pod command
- C. Run a compression tool of the log files located in /var/log/vmware/wcp/.
- D. Run the vm-suppor: command.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

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

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

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

Correct Answer: A**Section: (none)****Explanation****Explanation/Reference:**

Explanation:

QUESTION 18

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

Correct Answer: D**Section: (none)****Explanation****Explanation/Reference:**

Explanation:

QUESTION 19

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

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

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.

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

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

Which VM storage policy settings should the administrator configure to meet these requirements?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

A cloud administrator wants to restrict Junior administrators to creating, deleting, and managing virtual machines in the Development folder in the VMware Cloud on AWS vCenter Server instance.

Which type of access should be granted to these junior administrators?

- A. CloudAdmin role and global permissions
- B. CloudAdmin role on the Development folder
- C. Administrator role on the Development folder
- D. Administrator role on the cloud vCenter Server instance

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 25

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

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 27

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 28

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

A cloud administrator needs to create a secure connection over the Internet between an onpremises 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

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 30

A cloud administrator is managing a VMware Cloud on AWS environment. Currently, there is a single cluster consisting of four t3.medium 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 t3.xlarge hosts to the cluster.
- C. Add two t3.xlarge hosts to the cluster.
- D. Add one t3.xlarge host to the cluster.

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:**

Explanation:

www.VCEup.com