

5V0-11.21^{Q&As}

VMware Cloud on AWS Master Specialist

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QUESTION 1

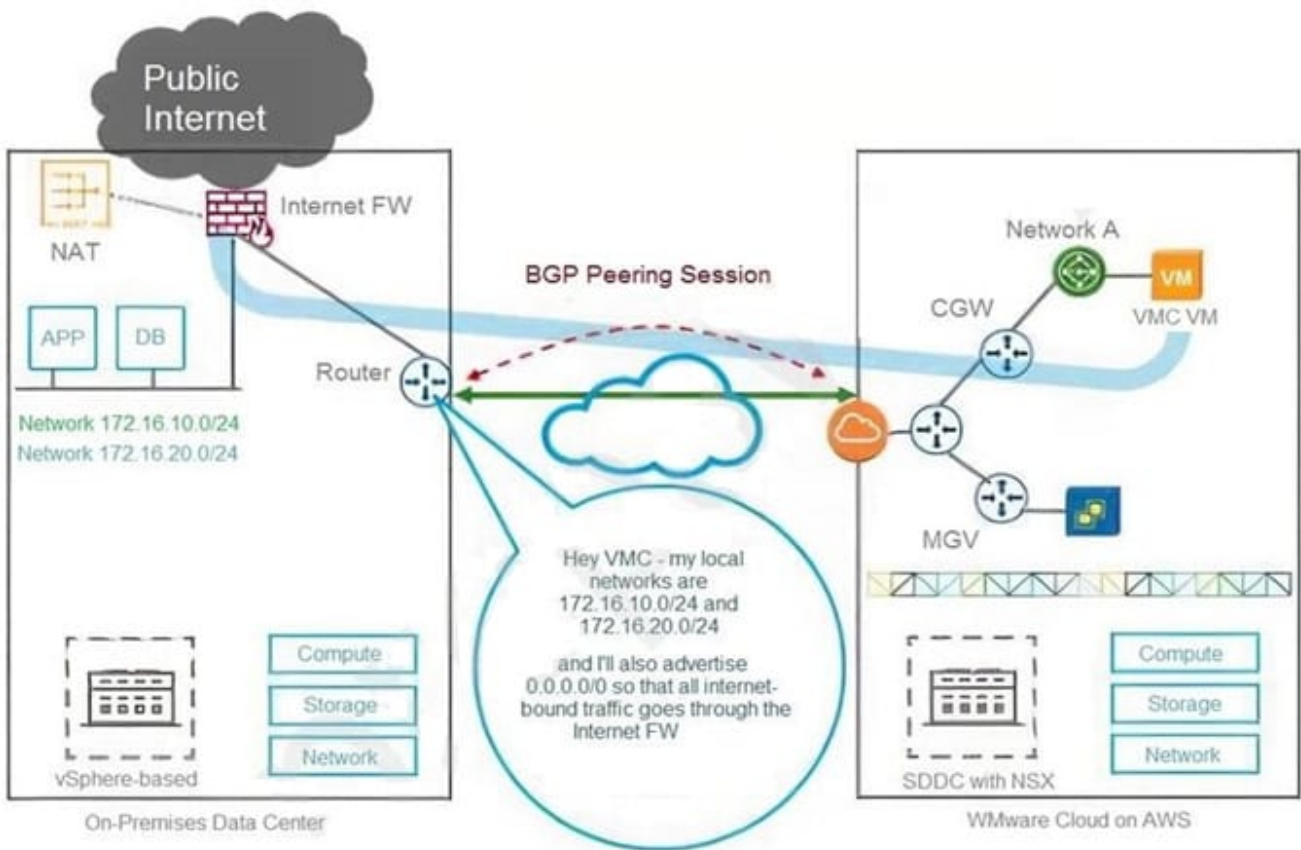
What is a key functionality of the vRealize Automation Cloud Service Broker?

- A. Provides a common catalog for easy consumption on VMware Cloud.
- B. Manages blueprints as a code in a YAML format.
- C. Automates the DevOps release lifecycle.
- D. Creates and deploys virtual machines, applications, and services to multiple clouds.

Correct Answer: A

QUESTION 2

Refer to the exhibit.



An administrator completes an assessment of its local data center for potential migration into VMware Cloud on AWS. After reviewing and analyzing the data and taking into account the company's business and IT priorities and budget constraints, connectivity between its on-premises and VMware Cloud on AWS environment will NOT require any high speed low latency connections. All new networks should be added to the software-defined data center (SDDC) routing table automatically when created. Which connection supports these requirements?

- A. Layer 2 VPN (L2VPN)

- B. AWS Direct Connect
- C. Route-based VPN
- D. Policy-based VPN

Correct Answer: D

QUESTION 3

An administrator is planning to migrate a VMware vSphere environment to VMware Cloud on AWS. A first analysis returns the following specifications: 37 virtual machines will be live migrated All virtual machines have been created using VMware vSphere 5.0 (Compatibility Version 8) All virtual machines are connected to Standard Switches The bandwidth between the local data center and VMware Cloud on AWS is 250 Mbps

What are two valid approaches for live migrating these virtual machines? (Choose two.)

- A. Upgrade Virtual Machine Compatibility to Version 9. Ensure Standard Switch is named the same as the target segment in VMware Cloud on AWS. Activate and deploy VMware HCX. Let HCX configure Enhanced vMotion Compatibility (EVC) automatically.
- B. Upgrade Virtual Machine Compatibility to Version 9. Configure Hybrid Linked Mode for Cross vCenter vMotion. Configure AWS Direct Connect Private VIF. Configure Enhanced vMotion Compatibility (EVC) on the source virtual machines as required.
- C. Upgrade Virtual Machine Compatibility to Version 9. Migrate the Virtual Machines to a Distributed Virtual Switch. Activate and deploy VMware HCX. Let HCX configure Enhanced vMotion Compatibility (EVC) automatically.
- D. Upgrade the bandwidth between the local data center and VMware Cloud on AWS to 400 Mbps. Migrate the virtual machines to a Distributed Virtual Switch. Activate and deploy VMware HCX. Let HCX configure Enhanced vMotion Compatibility (EVC) automatically.
- E. Upgrade the bandwidth between the local data center and VMware Cloud on AWS to 400 Mbps. Configure Hybrid Linked Mode for Cross vCenter vMotion. Configure AWS Direct Connect Private VIF. Configure Enhanced vMotion Compatibility (EVC) on the target software-defined data center (SDDC) as required.

Correct Answer: BE

QUESTION 4

An administrator runs an analysis on all workloads using Live Optics and confirms there are a variety of applications, including Microsoft SQL server and Oracle databases. The Microsoft SQL workloads are averaging 4,000 IOPS per virtual machine, approximately 50% writes. The Oracle workloads are averaging 3,000 IOPS per virtual machine, and approximately 80% writes. Which method should be used to input the data into the VMware Cloud on AWS Sizer for the most accurate results?

- A. Use the Advanced Sizer in '\\database\\' mode. Create workload profiles for the analyzed virtual machines, including profiles for Microsoft SQL and Oracle. Set the values for vCPU, vRAM, utilized storage, IOPS and I/O profile manually.

B. Use the Quick Sizer. Set the values for vCPU, vRAM, utilized storage, IOPS and I/O profile manually.

C. Use the Advanced Sizer in `\\import\\` mode. Import the Live Optics data and let the Advanced Sizer set the values for vCPU, vRAM, utilized storage, IOPS and I/O automatically.

D. Use the Advanced Sizer in `\\manual\\` mode. Create workload profiles for the analyzed virtual machines, including profiles for Microsoft SQL and Oracle. Use the default values for the SQL and Oracle workload profiles.

Correct Answer: D

QUESTION 5

An administrator is preparing to deploy a VMware Cloud on AWS software-defined data center (SDDC) and is planning to scale up to 48 nodes in the future. What is the minimum size management CIDR block that is needed to meet this requirement?

A. /24

B. /16

C. /23

D. /20

Correct Answer: D

QUESTION 6

An administrator is tasked with migrating workloads from one of the company's primary data centers to VMware Cloud on AWS. The migration of these workloads must meet the follow criteria:

Must have zero downtime

Must be organized based on service-level agreement (SLA)

Should not communicate with the on-premises gateway

Which three VMware HCX features would meet these requirements? (Choose three.)

A. Mobility Optimized Networking

B. Replication-Assisted vMotion

C. Network Extension

D. Bulk Migration

E. Mobility Groups

F. Application Path Resiliency

Correct Answer: BCD

QUESTION 7

An administrator is trying to identify how many hosts will be required to evacuate a cluster from an existing data center and relocate those workloads into VMware Cloud on AWS. The cluster runs a variety of workloads for the corporate customer relationship management system. Which three profiles could the administrator create in the VMware Cloud on AWS Sizer? (Choose three.)

- A. Databases ?Oracle
- B. Databases ?Microsoft SQL Server
- C. General Purpose (Application VMs)
- D. VDI ?Instant Clone
- E. VDI ?Full Clone
- F. General Purpose (General VMs)

Correct Answer: BEF

QUESTION 8

Which two statements are true for the pre-defined resource pools in VMware Cloud on AWS? (Choose two.)

- A. Users are allowed to monitor and modify the resource allocation settings in the Mgmt-RsourcePool.
- B. The Mgmt-ResourcePool is able to utilize resources in subsequently created clusters if needed.
- C. Users can modify the pre-configured vSphere DRS settings in their own Compute-ResourcePool.
- D. Users can rename child resource pools to better match company policy.
- E. All workload virtual machines are created in the top-level (root) Compute-ResourcePool by default.

Correct Answer: DE

QUESTION 9

What is the maximum Gbps of bandwidth that each AWS Elastic Network Adapter (ENA) provides on a i3.metal host?

- A. 25 Gbps
- B. 50 Gbps
- C. 10 Gbps
- D. 100 Gbps

Correct Answer: A

QUESTION 10

Standard security practice for a company requires that all administrator-level user accounts have their passwords changed every 60 days. The cloudadmin@vmc.local account password is changed by an administrator through the VMware vSphere Client to adhere to the security policy. When the administrator attempts to log into the VMware Cloud on AWS vCenter Server through the VMware vSphere Client a few days later as cloudadmin@vmc.local using the account credentials copied from the VMware Cloud console, the administrator's access is denied. What is the likely cause of this issue?

- A. The cloudadmin@vmc.local account password should not be changed through the VMware vSphere Client. In order to prevent unauthorized access to VMware Cloud on AWS by non-authorized individuals, VMware will lock the account out.
- B. When the password for cloudadmin@vmc.local is updated from the VMware vSphere Client, the updated password is not reflected in the VMware Cloud console.
- C. The cloudadmin@vmc.local password change confirmation email has not been approved by an Organization Owner.
- D. The cloudadmin@vmc.local account password should only be changed through the appliance management interface of the VMware vCenter Server.

Correct Answer: B

QUESTION 11

Which two accounts are mandatory prerequisites for the successful deployment of a VMware Cloud on AWS solution? (Choose two.)

- A. A VMware vCenter Server account
- B. An AWS account
- C. A VMware Cloud account
- D. An Amazon Elastic Compute Cloud (EC2) account
- E. A VMware Cloud on AWS account

Correct Answer: AE

QUESTION 12

An environment is running a cluster with six i3.metal hosts in the VMware Cloud on AWS software-defined data center (SDDC). If one host fails, what happens after a new host is automatically added to the cluster?

- A. The SDDC and NVMe drives backing VMware vSAN capacity are unmounted from the failed host and attached to the new host. There is no VMware vSAN rebuild required.
- B. The VMware vSAN rebuild starts in the background. Performance might be degraded during rebuild and the failures

to tolerate (FTT) is lowered to 0.

C. The VMware vSAN rebuild starts in the background. Performance might be degraded during rebuild and the failures to tolerate (FTT) is lowered to 1.

D. A notification is received from VMware Support to start the VMware vSAN rebuild. Performance might be degraded during rebuild.

Correct Answer: C

QUESTION 13

An administrator deploys a virtual machine and configures it to perform backups to an AWS Simple Storage Service (S3) bucket. After the first month of use, the administrator receives a bill from AWS indicating egress charges were applied to the backup traffic leaving the software-defined data center (SDCC), destined for the AWS S3 bucket. What can the administrator do to ensure backup traffic travels to the linked Amazon Virtual Private Cloud (VPC) through the Elastic Network Interface?

A. Configure the S3 bucket with a public endpoint accessible over the Internet through HTTPS.

B. Configure Direct Connect to a private virtual interface for access to AWS services.

C. Create a gateway endpoint in the linked AWS VPC and configure it for use with the S3 bucket.

D. Configure a route-based virtual private network (VPN) for the SDCC to the VPC.

Correct Answer: D

QUESTION 14

An administrator has deployed VMware Cloud on AWS and requires a single broadcast domain for a set of virtual machines that reside both in the data center and in the software-defined data center (SDDC) over a DirectConnect connection. How can the administrator accomplish this without adding additional components in the cloud?

A. Duplicate the IP space in both locations and manually move the virtual machines.

B. Deploy a Layer 2 Virtual Private Network (L2VPN).

C. Use a third-party networking tool to extend the broadcast domain.

D. Deploy VMware HCX and a Service Mesh with a Network Extension appliance.

Correct Answer: B

QUESTION 15

What is the minimum value for Maximum Transmission Unit (MTU) of the AWS network hardware used with VMware Cloud on AWS?

A. 1500 MTU

B. 9000 MTU

C. 1492 MTU

D. 1600 MTU

Correct Answer: A

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