# 5V0-11.21<sup>Q&As</sup>

VMware Cloud on AWS Master Specialist

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#### **QUESTION 1**

An architect is designing a solution for a customer that will include VMware Cloud on AWS. The solution will enable the customer to progress with their business objective to migrate all of their VMware vSphere workloads to the cloud and

completely exit their physical data center. The following information was provided by key stakeholders as part of the initial design workshop:

The customer already consumes a number of AWS native services as part of their existing application landscape.

The customer currently uses both VMware vRealize Log Insight Cloud and VMware vRealize Operations Cloud to monitor their existing on-premises vSphere solution.

The customer currently has configured Federated Identity Management to enable role based access control to VMware Cloud services using their on-premises Active Directory.

What should the architect recommend to ensure that all the prerequisites for deploying a VMware Cloud on AWS solution are successfully met while minimizing operational complexity?

A. A new VMware Cloud account must be created to enable access to the VMware Cloud on AWS service.

B. A new AWS account must be created to enable dedicated connectivity for VMware Cloud on AWS.

C. The existing VMware Cloud account should be used to enable access to the VMware Cloud on AWS service.

D. The ownership of the existing AWS account should be transferred to VMware so that the VMware Cloud on AWS software-defined data center (SDDC) can be deployed.

Correct Answer: D

#### **QUESTION 2**

An administrator deploys a normal (non-stretched) cluster of six i3en.metal hosts in VMware Cloud on AWS. When deploying virtual machines to this cluster, which two of the listed storage policies would satisfy the service-level agreement (SLA) for a six host cluster? (Choose two.)

- A. Failure to tolerate = 1 failure RAID-1 (mirroring)
- B. Site disaster tolerance = Dual Site Mirroring
- C. Failure to tolerate = 1 failure RAID-5 (erasure coding)
- D. Failure to tolerate = 2 failures RAID-6 (erasure coding)
- E. MC Workload Storage Policy -

Correct Answer: BD

#### **QUESTION 3**

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 4**

Which API endpoint serves as the authentication point for VMware Cloud on AWS?

A. Cloud Services Platform API

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- B. NSX-T Data Center API
- C. Deployed SDDC API
- D. VMware Cloud on AWS API

Correct Answer: A

#### **QUESTION 5**

An administrator recently completed the first migration of on-premises production workloads into VMware Cloud on AWS. The administrator intends to scale the hybrid cloud environment in a phased approach over the next 12 months, but the Service Owner has some concerns about being able to complete workload optimization and balancing, capacity and cost management, and compliance reporting. Which VMware solution should the administrator recommend to address the concerns of the Service Owner?

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

Correct Answer: A

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#### **QUESTION 6**

An administrator deploys a virtual machine to its software-defined data center (SDDC) and configures it to perform backups of the other virtual machines in the SDDC. The administrator also creates an AWS Simple Storage Service (S3) bucket in the linked Amazon Virtual Private Cloud (VPC) and is attempting to use the S3 bucket as a repository for their backups. The administrator confirms that the backup software is capable of using AWS S3 storage as a backup repository, and that the AWS S3 bucket is configured to use an endpoint in the linked VPC. What else should the administrator do to ensure connectivity between SDDC virtual machines and the AWS S3 repository in the linked VPC through the Elastic Network Interface?

A. Configure Direct Connect to a Private Virtual Interface for access to AWS services.

- B. Configure a route-based VPN for the SDDC to the VPC.
- C. Configure Direct Connect to a Public Virtual Interface for access to AWS services.

D. Ensure Service Access for S3 is enabled in Networking and Security for the SDDC.

Correct Answer: A

#### **QUESTION 7**

Which three of the listed VMware Cloud on AWS service roles can be assigned from the VMware Cloud console? (Choose three.)

- A. SSO Administrator
- B. Administrator (Delete Restricted)
- C. NSX Cloud Auditor

D. Root

- E. NSX Cloud Admin
- F. vCenter Administrator

Correct Answer: BCE

#### **QUESTION 8**

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 SDDC to the VPC.

Correct Answer: D

#### **QUESTION 9**

A consultant is asked to help evaluate an environment for deployment into a new software-defined data center (SDDC) in VMware Cloud on AWS. The consultant is provided with a comma-separated value (CSV) file containing a list of workloads exported from VMware vCenter detailing only virtual machine configuration data, including vCPU, vRAM, and utilized storage. How should the consultant use the VMC on AWS Sizer?

A. Use the Advanced Sizer. Create workload profiles for the different workload types and set the values for configured resources manually.

B. Use the Advanced Sizer. Import the CSV file from VMware vCenter Server and let the VMware Cloud on AWS Sizer set the values for configured resources.

C. Use the Advanced Sizer. Import the CSV file from VMware vCenter Server and let the VMware Cloud on AWS Sizer set the values for configured resources.

D. Use the Quick Sizer. Manually enter the number of virtual machines and total resources for configured resources.

Correct Answer: D

#### **QUESTION 10**

Which three statements are true about the Elastic DRS Optimize for Rapid Scale-Out policy? (Choose three.)

A. Hosts are added incrementally when needed for storage.

- B. Hosts will NOT be removed automatically when they are no longer needed.
- C. Multiple hosts are added at a time when needed for memory or CPU.
- D. After a storage scale-out event is triggered, single hosts are added every 30 minutes.
- E. High threshold for storage, like the other policies, is set at 75%.
- F. To resolve constraints related to CPU and memory, hosts are added two at a time.

Correct Answer: ACF

#### **QUESTION 11**

A user with an Organization Member role would like to add another user to an organization. How would this be accomplished?

- A. Only users with an Organization Owner role can invite and add users to the organization.
- B. The user with an Organization Member role needs to have CloudAdmin permissions in order to add a new user.

C. The user with an Organization Member role will be able to add a new user through the Identity and Access Management page.

D. Users with an Organization Member role are automatically granted access to all roles within VMware Cloud on AWS.

Correct Answer: A

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#### **QUESTION 12**

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 13**

The Tier-O (TO) router will send northbound packets through which device?

A. The AWS Elastic Network Adapter (ENA) of the VMware ESXi host that the active TO Edge virtual machine is currently running on.

B. The AWS Elastic Network Adapter (ENA) of the VMware ESXi host where the packet is originating from.

C. The AWS Elastic Network Adapter (ENA) of the VMware ESXI host that the passive TO Edge virtual machine is currently running on.

D. The AWS Elastic Network Adapter (ENA) of the VMware ESXi host that is currently the least utilized.

Correct Answer: C

#### **QUESTION 14**

An administrator is reducing a five-node cluster down to four. What happens to all virtual machines (VMs) when a host is removed from a cluster?

A. All VMs on the host being removed are deleted.

- B. All VMs are powered off.
- C. All VMs are migrated from the host.
- D. All VMs are unregistered from VMware vCenter.

Correct Answer: C

### **QUESTION 15**

What are three valid migration modes in VMware HCX? (Choose three.)

- A. Planned Failover
- B. Hybrid Linked Mode
- C. Bulk Migration
- D. Replication Assisted vMotion (RAV)
- E. HCX vMotion
- F. Cross vCenter vMotion
- Correct Answer: CDE

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