Question 1

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.)

Options:

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 vCentervMotion.

Configure AWS Direct Connect Private VIF.

Configure Enhanced vMotion Compatibility (EVC) on the source virtual machines as required.

C- Ugrade 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 vCentervMotion.

Configure AWS Direct Connect Private VIF.

Configure Enhanced vMotion Compatibility (EVC) on the target software-defined data center (SDDC) as required.

Answer:

A, B

Explanation:

https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-DAE9B318-294A-4422-BBF4-82AE9DDFF043.html

Question 2

What are three possible reasons that would prevent virtual machines from migrating to VMware Cloud on AWS using VMware vSphere vMotion? (Choose three.)

Options:

A- Paravirtual SCSI disks are mounted.

B- Virtual serial ports are connected with network output.

C- Remote devices are attached.

D- VMware Tools are NOT installed.

E- The virtual machine (VM) is a linked clone.

F- The virtual machine (VM) remote console is open.

Answer:

A, B, C

Explanation:

VM Configurations with Limited Support in VMware Cloud on AWS:

These VM configurations have limited support and, as a result, are incompatible with VM migrations that use vSphere vMotion in VMware Cloud on AWS:

* Remote devices attached (CDs, floppy disks, and so on)

* Serial ports with network output * Mounted paravirtual SCSI (PVSCSI) disks

Question 3

Question Type: MultipleChoice

A customer is currently running 153 virtual machines in an eight-node vSphere cluster. Each host is equipped with 256GB RAM, two AMD CPUs and four 10Gb NICs. Which migration strategy should the administrator recommend?

Options:

A- HCX Replication Assisted vMotion (RAV) with Enhanced vMotion Compatibility

B- HCX Cold Migration

C- Cross vCenter vMotion with Hybrid Linked Mode

D- HCX vMotion with Enhanced vMotion Compatibility

Answer:

C

Question 4

Question Type: MultipleChoice

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

Options:

A- 1500 MTU

B- 9000 MTU

C- 1492 MTU

D- 1600 MTU

Answer:

D

Explanation:

Extract from VMware VMC on AWS training course, 'A maximum transmission unit (MTU) of 1,600 or more is required so that NSX-T Data Center can support the GENEVE overlay for frame encapsulation.'

What do we have within the SDDC?

Yeah NSX-T with a T0 Router and between each physical ESXi you also want to ensure that GENEVE Traffic for the Segments is working, therefore 1600 is the minimum MTU on the HW or else no Networking between the Hosts.

Question 5

Question Type: MultipleChoice

What is a supported approach when deploying multiple instances of VMware Site Recovery with VMware Cloud on AWS?

A- A single software-defined data center (SDDC) paired with up to 25 remote sites

B- A single software-defined data center (SDDC) connected to multiple on-premises sites and to other cloud SDDCs

C- VMware Site Recovery add-on deployed in the VMware vSphere Web Client

D- VMware Site Recovery with multiple protected sites and a shared recovery site

Answer:

B

Question 6

Question Type: **MultipleChoice**

An administrator is asked to create a new network segment in VMware Cloud on AWS. This network segment should be accessible from the on-premises data center. How would the administrator create this new network and what segment type should it be?

Options:

A- - Connect to the on-premises VMware vCenter Server and create the network segment through the VMware vSphere user interface.

- Select the stretched network segment type.

B- - Connect to the VMware Cloud console to create the network segment.

- Select the routed network segment type.

C- - Connect to the VMware Cloud console to create the network segment.

- Select the extended network segment type.

D- - Connect to the VMware Cloud on AWS vCenter Server and create the network segment through the VMware vSphere user interface

- Select the routed network segment type.

Answer:

C

Question 7

Question Type: MultipleChoice

An architect is designing a company's hybrid cloud environment. Traffic between their local data center and VMC on AWS software-defined data center (SDDC) requires a high-speed, low latency connection. The connection type should also support connectivity to services currently being consumed in AWS. Which connection type will meet these requirements?

Options:

A- Multiprotocol Label Switching (MPLS)

B- AWS Direct Connect

C- Four IPSec tunnels for greater bandwidth & resiliency

D- Route-based VPN

Answer:

B

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