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QUESTION 1

Which Tanzu Kubernetes Grid component is used to create, scale, upgrade and delete workload clusters?

- A. Tanzu Kubernetes cluster
- B. Tanzu CLI
- C. Tanzu Supervisor cluster
- D. Tanzu Kubernetes Grid extensions

Correct Answer: B

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-4D0D375F-C001-4F1D-AAB1-1789C5577A94.html> Tanzu CLI is a command-line interface used to create, scale, upgrade, and delete workload clusters that are part of the Tanzu Kubernetes Grid [1]. Tanzu CLI also allows you to manage the components of the Tanzu Kubernetes Grid [1], such as the Tanzu Kubernetes cluster and the Tanzu Supervisor cluster. It also provides access to the Tanzu Kubernetes Grid extensions [1], which allow you to extend the functionality of the Tanzu Kubernetes cluster.

QUESTION 2

What must a cloud administrator configure in order to allow a company's on-premises data center to access the VMware Cloud on AWS vCenter Server.

- A. Management network segment
- B. Compute gateway firewall
- C. Management gateway firewall
- D. Compute network segment

Correct Answer: C

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-networking-security/GUID-2D31A9A6-4A80-4B5B-A382-2C5B591F6AEB.html>

QUESTION 3

A cloud administrator is establishing connectivity between their on-premises data center and VMware Cloud. The Administrator wants to leverage Border gateway Protocol (BGP) to Dynamically learn when new networks are created. Which type of VPN should the administrator configure to accomplish this?

- A. Layer 2 VPN
- B. SSL VPN
- C. Policy-based IPSec VPN

D. Route-based IPsec VPN

Correct Answer: D

Route-based IPsec VPNs provide the flexibility to dynamically learn when new networks are created, making them the ideal choice for establishing connectivity between an on-premises data center and VMware Cloud. Route-based IPsec VPNs use the Border Gateway Protocol (BGP) to dynamically learn and propagate routes over the VPN tunnel, allowing for scalable and secure connectivity. [1] [1]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-EDA5A6E5-6C5B-4F66-9C2F-2C6D4F6EF8F6.html>

QUESTION 4

A cloud administrator needs to extend a network and requires that routing be handled at the source.

Which network segment type does VMware HCX Network Extension create in the VMware Cloud software-defined data center (SDDC) when extending the network?

- A. Extended
- B. Routed
- C. Private
- D. Disconnected

Correct Answer: B

<https://docs.vmware.com/en/VMware-Validated-Design/services/sddc-extending-to-vmware-cloud-on-aws/GUID-EDF0E8DB-2195-4EC2-9CE8-1BF51C5173A5.html> <https://docs.vmware.com/en/VMware-HCX/4.5/hcx-user-guide/GUID-4052AC3F-9FFC-4FA2-ACB4-18B21962F4D3.html>

VMware HCX Network Extension creates a routed network segment type in the VMware Cloud software-defined data center (SDDC) when extending the network. This routed segment is used to connect the on-premises environment with the VMware Cloud SDDC, allowing traffic to flow between the two. The other options (extended, private, and disconnected segments) are not created by Network Extension.

QUESTION 5

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

Correct Answer: ACF

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-F86D6A1F-9985-4F29-9D56-F92600B2D48A.html> [2]<https://docs.vmware.com/en/VMware-NSX-T/services/nsxt-admin-guide.html> [3]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-D2E2F9A9-8661-4BDB-A8A8-4D4F4F7C4E1A.html>

QUESTION 6

A Cloud Administrator is managing a VMware Cloud environment consisting of a single cluster with two 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.

Correct Answer: C

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. Reference: [1] <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/VMware-Cloud-on-AWS-Outposts/GUID-host-maintenance-mode.html>

QUESTION 7

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: B

VMware HCX is a cloud migration and workload mobility solution that allows you to view and manage workloads across both an on-premises environment and a VMware Cloud on AWS software-defined data center (SDDC). It provides a secure[1], cross-cloud network bridge between your on-premises environment and VMware Cloud on AWS, allowing you to move workloads between the two environments with minimal effort. It also provides a unified view of both environments, allowing administrators to monitor and manage workloads across clouds from a single pane of glass. [1] [1]<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.hybrid-cloud-extension/GUID-E7CD1DDB-1C9F-4B88-AD41-D867E2C735D3.html>

QUESTION 8

Which types of networks are available when creating a segment in VMware Cloud on AWS?

- A. Routed, Extended, Disconnected
- B. Advertised, Extended, Isolated
- C. Routed, Stretched, Disconnected
- D. Advertised, Stretched, Isolated

Correct Answer: A

VMware Cloud on AWS GovCloud supports three types of network segments: routed, extended and disconnected.

Routed networks: Routed networks allow you to route traffic between the on-premises data center and the VMware Cloud on AWS environment using a VPN or AWS Direct Connect. **Extended networks:** Extended networks allow you to

extend the on-premises network to the VMware Cloud on AWS environment using VXLAN. This type of network allows you to extend the on-premises VLANs to the cloud environment, providing a seamless network extension.

Disconnected networks: Disconnected networks are used when there is no direct connectivity between the on-premises data center and the VMware Cloud on AWS environment. This type of network allows you to create isolated networks in

the cloud environment for specific use cases, such as disaster recovery or testing.

[https://docs.vmware.com/en/VMware-Cloud-on-AWS-GovCloud-\(US\)/services/vmc-govcloud-networking-security/GUID-7E79585B-1487-454A-90FE-BA82D3122C0E.html](https://docs.vmware.com/en/VMware-Cloud-on-AWS-GovCloud-(US)/services/vmc-govcloud-networking-security/GUID-7E79585B-1487-454A-90FE-BA82D3122C0E.html)

QUESTION 9

A cloud administrator is asked to configure access to the VMware Cloud Services Console based on the following requirement:

Groups and users should be synchronized from the internal Active Directory

Which two options should the administrator configure to meet this requirement? (Choose two.)

- A. Workspace ONE Access connector

- B. Enterprise federation with dynamic (connectorless) authentication setup
- C. SAML 2.0 Identity Provider
- D. Enterprise federation with connector-based authentication setup
- E. Workspace ONE Assist

Correct Answer: AC

The Workspace ONE Access connector is used to synchronize groups and users from the internal Active Directory to the VMware Cloud Services Console. Additionally, the administrator should configure a SAML 2.0 Identity Provider to enable single sign-on (SSO) capability and secure access to the VMware Cloud Services Console.

QUESTION 10

In order to provide overlapping IP address segments within a VMware cloud Environment, what must be configured?

- A. Additional NSX Edge appliances
- B. Additional Tier-1 gateways
- C. Additional network segments
- D. Additional Tier-0 gateways

Correct Answer: B

<https://vmc.techzone.vmware.com/understanding-segments-vmc-aws>

QUESTION 11

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

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.

QUESTION 12

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. i3en.metal
- C. i3.metal
- D. AV36

Correct Answer: C

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.

QUESTION 13

Which VMware technology ensures availability of the VMs in your SDDC and uses multiple ESXi hosts to provide rapid recovery from outages and cost-effective high availability for applications? (Select one option)

- A. vSphere DRaaS
- B. vSphere HA
- C. vSphere DPM
- D. vSphere eDRS

Correct Answer: B

The VMware technology that ensures availability of the VMs in your SDDC and uses multiple ESXi hosts to provide rapid recovery from outages and cost-effective high availability for applications is B.vSphere HA. vSphere HA is an agentless cluster-level availability solution that enables rapid recovery from outages and cost-effective high availability for applications. vSphere DRaaS, vSphere DPM, and vSphere eDRS are not suitable for this purpose.

QUESTION 14

What is a key driver behind the multi-cloud journey?

- A. Facilitate disaster recovery
- B. Application modernization
- C. Digital transformation
- D. Cost savings

Correct Answer: C

A key driver behind the multi-cloud journey is digital transformation, which is the process of using technology to optimize existing processes and systems in order to improve customer experiences, increase operational efficiency, and

accelerate business growth. Multi-cloud solutions can help organizations modernize their applications and services, reduce costs, increase agility, and support digital transformation initiatives. For more information, please refer to the official VMware Cloud on AWS documentation at: <https://docs.vmware.com/en/VMware-Cloud-on-AWS/index.html>.

QUESTION 15

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

<https://www.nakivo.com/blog/vmware-snapshots-vmware-how-to/#title-12>

Follow these recommendations to get the best performance when using snapshots:

1.
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.
2.
The guest applications fully recover performance after snapshots are deleted.
3.
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.

4.

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.

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