



# VMware

## Exam Questions 2V0-33.22

VMware Cloud Professional

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#### NEW QUESTION 1

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

**Answer:** D

#### Explanation:

A valid management network CIDR based on the requirements is 10.1.0.0/20, as this provides a range of 4096 IP addresses, which is more than enough for 30 hosts. A /23 CIDR only provides 512 IP addresses, which is not enough for 30 hosts, while a /24 CIDR provides 256 IP addresses and a /16 CIDR provides 65,536 IP addresses, which is more than is needed for the 30 hosts.

<https://blogs.vmware.com/cloud/2019/10/03/selecting-ip-subnets-sddc/>

#### NEW QUESTION 2

A cloud administrator is using VMware HCX to migrate application workloads between an on-premises data center and a VMware Public Cloud (UI!) capability of VMware HCX is being used to extend a number of on-premises network segments into the cloud to avoid IP re-addressing concerns. When the cloud administrator tries to extend a native layer 2 network segment from the cloud back into the on-premises data center, an error is encountered and the extension fails. What should the administrator do to enable network extension from the cloud side to on-premises in this scenario?

- A. Enable reverse L2E in the advanced configuration menu of HC
- B. Make the appropriate change and re-deploy the HCX Service Mesh.
- C. Ensure that the on-premises environment that has at minimum a VMware vSphere Distributed Switch with version 6.5 configured.
- D. Install VMware NSXT into the on-premise data center.
- E. Enable reverse L2E in the advanced configuration menu of HC
- F. Make the appropriate change, re-deploy the on-premise HCX Manager and re-pair the sites together.

**Answer:** B

#### Explanation:

The best solution for enabling network extension from the cloud side to the on-premises data center in this scenario is to ensure that the on-premises environment has at least a VMware vSphere Distributed Switch with version 6.5 configured. This will enable the reverse L2E feature, which is necessary for extending the native layer 2 network segment from the cloud back into the on-premises data center. For more information on how to configure reverse L2E and extend a network segment from the cloud to the on-premises data center, please refer to the official VMware documentation [here](#).

#### NEW QUESTION 3

Which three organizational aspects need to be considered to successfully transition to a cloud operating model? (Choose three.)

- A. People
- B. Technology
- C. Process
- D. Branding
- E. Budget
- F. Facilities

**Answer:** ABC

#### Explanation:

<https://blogs.vmware.com/management/2020/01/the-cloud-operating-model.html>

#### NEW QUESTION 4

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

**Answer:** B

#### Explanation:

The best option to meet the requirements of quickly migrating 1,000 VMs with the lowest latency and most reliable connection possible is to use AWS Direct Connect. AWS Direct Connect provides a dedicated network connection between an on-premises data center and the Amazon Web Services (AWS) cloud, allowing for the transfer of data across the two locations. It is more reliable and has lower latency than other options such as Layer 2 VPN, VMware Transit Connect, and IPsec VPN. Additionally, AWS Direct Connect provides the highest performance and throughput of any of the on-premises data center connectivity options.

Why does VMware refuse to educate their customers ... - VMware ... <https://communities.vmware.com/t5/VMware-Education-Services/Why-does-VMware-refuse-to-educate-their-c> VMware Technical Support Guide

<https://www.vmware.com/pdf/techsupportguide.pdf> Publishing Applications with VMware Horizon 7

<https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application>

#### NEW QUESTION 5

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

**Answer:** A

#### Explanation:

VMware Tanzu Mission Control provides a central platform to manage and view all Tanzu Kubernetes clusters and workloads running in the environment. It allows administrators to set policies across multiple clusters, set up cluster identities, monitor cluster health and performance, and much more. Tanzu Mission Control also provides access to a variety of cloud-native tools, such as Kubernetes Dashboard, Helm, and Kubeapps.

Publishing Applications with VMware Horizon 7 <https://vcdx.vmware.com/content/dam/digitalmarketing/vmware/ru/pdf/techpaper/vmware-horizon-7-application-VMware-Technical-Support-Guide>

<https://www.vmware.com/pdf/techsupportguide.pdf>

Quick-Start Tutorial for VMware Dynamic Environment Manager ... <https://techzone.vmware.com/resource/quick-start-tutorial-vmware-dynamic-environment-manager>

"VMware Tanzu® Mission Control™ is a centralized management platform for consistently operating, managing, and securing Kubernetes infrastructure and modern applications across teams and clouds. It provides a global view of all of the Kubernetes clusters. You can use the resource hierarchy to manage and enforce consistent policies across Kubernetes clusters. "

#### NEW QUESTION 6

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.

**Answer:** B

#### Explanation:

<https://www.vmware.com/topics/glossary/content/multi-cloud.html>

VMware Multi-Cloud provides visibility and tools to manage resources, workloads and operations across clouds from a common operating environment. This eliminates the need to manage multiple cloud environments in different clouds and provides a unified view of all cloud resources and applications. This makes it easier to monitor and manage workloads across clouds, reducing complexity and increasing agility.

VMware Multi-Cloud also provides powerful automation and orchestration capabilities to help streamline operations and improve efficiency. [1]

[1]<https://www.vmware.com/products/vmware-multi-cloud.html>

#### NEW QUESTION 7

A cloud administrator is managing a VMware Cloud on AWS environment consisting of a single cluster with six hosts. There have been no changes made to the Elastic DRS configuration.

In which two situations will Elastic DRS add another host to the cluster? (Choose two.)

- A. When availability zone failure occurs
- B. When memory utilization reaches 90%
- C. When network utilization reaches 90%
- D. When CPU utilization reaches 90%
- E. When storage utilization reaches 80%

**Answer:** AE

#### Explanation:

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-961C4>

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-961C4>

#### NEW QUESTION 8

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
- E. local

**Answer:** B

#### 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

#### NEW QUESTION 9

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-O gateways

**Answer:** B

**Explanation:**

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

**NEW QUESTION 10**

What is the purpose of the VMware Cloud on AWS Compute Gateway (CGW)?

- A. A Tier-1 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined data center (SDDC)
- B. A Tier-1 router that handles workload traffic that is connected to routed compute network segments
- C. A Tier-0 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined data center (SDDC)
- D. A Tier-0 router that handles workload traffic that is connected to routed compute network segments

**Answer:** B

**Explanation:**

Compute Gateway (CGW) The CGW is a Tier 1 router that handles network traffic for workload VMs connected to routed compute network segments. Compute gateway firewall rules, along with NAT rules, run on the Tier 0 router. In the default configuration, these rules block all traffic to and from compute network segments (see Configure Compute Gateway Networking and Security).

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/vmc-on-aws-networking-security.pdf>

**NEW QUESTION 10**

Which solution would an administrator use to manage the lifecycle operations of Tanzu Kubernetes clusters?

- A. VMware Tanzu Service Mesh
- B. VMware vSphere Lifecycle Manager
- C. VMware Tanzu Observability by Wavefront
- D. VMware Tanzu Kubernetes Grid

**Answer:** D

**Explanation:**

VMware Tanzu Kubernetes Grid is described as a comprehensive solution for operating Kubernetes-based applications in production, as well as creating, scaling and managing clusters. It provides a centralized control plane for managing the lifecycle operations of Tanzu Kubernetes clusters.

(Source:<https://tanzu.vmware.com/kubernetes>)

**NEW QUESTION 13**

A cloud administrator is tasked with deploying two virtual machines (APP01 and APP02) to a software-defined data center (SDDC) with multiple clusters hosted in VMware Cloud on AWS based on the following requirements:

- APP01 and APP02 should NOT run on the same host.
- Only three hosts in the SDDC are entitled to run the software installed on these servers.
- All entitled hosts are in cluster 1.

Which two actions should the administrator take to meet these requirements? (Choose two)

- A. Create a Disable DRS vMotion policy.
- B. Create a VM-VM anti-affinity policy.
- C. Deploy APP01 to Cluster 1 and APP02 to cluster 2. a Create a VM-Host anti-affinity policy.
- D. Create a VM-Host affinity policy.

**Answer:** BD

**Explanation:**

**VM-VM Anti-Affinity**

A VM-VM anti-affinity policy describes a relationship between members of a category of VMs.

Use case:

When you want to place VMs running critical workloads on separate hosts so that the failure of one host does not affect other VMs in the category

Graphical user interface, text, application, email Description automatically generated

**VM-Host Affinity**

A VM-Host affinity policy describes a relationship between a category of VMs and a category of hosts.

Use cases:

- When host-based licensing requires that VMs running certain applications be placed on hosts that are licensed to run those applications
- When VMs with workload-specific configurations require placement on hosts that have certain characteristics



#### NEW QUESTION 15

Given what you know about cloud, which examples illustrate its benefits? Select all options that apply.

- A. An organization requires fewer developers when it uses the cloud.
- B. An organization manages its cloud resources by using different cloud providers that are separate and isolated from each other.
- C. A business stores infrequently accessed data in the cloud to benefit from reduced on-premises storage costs.
- D. An organization manages its cloud resources by using different cloud providers that are separate and isolated from each other.
- E. A developer codes an application in a cloud-based environment, and, with a few simple commands, deploys the application on the business website.
- F. In seconds, you receive a large amount of storage using a cloud option.

**Answer:** BCEF

#### Explanation:

Example B illustrates the benefit of cloud computing where an organization can manage its cloud resources by using different cloud providers that are separate and isolated from each other. This allows the organization to make use of features and services offered by different cloud providers in order to benefit from the best of different services.

Example C illustrates the benefit of cloud computing where a business can store infrequently accessed data in the cloud in order to benefit from reduced on-premises storage costs, as cloud storage is usually cheaper than on-premise storage.

Example E illustrates the benefit of cloud computing where a developer can code an application in a cloud-based environment, and, with a few simple commands, deploy the application on the business website. This eliminates the need for the developer to set up and manage the application on their own, as the cloud platform handles the deployment and hosting of the application.

Example F illustrates the benefit of cloud computing where a large amount of storage can be made available in seconds using a cloud option. This is useful for businesses that require a large amount of storage but don't have the resources to set up and manage their own storage solution.

For more information on the benefits of cloud computing, see the VMware official documentation at <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.getting-started/GUID-F>

#### NEW QUESTION 18

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.

**Answer:** AD

#### Explanation:

To allow HTTPS access to a specific VM through the public Internet for VMware Cloud on AWS, the administrator must first create a custom service called HTTPS using port 443. They must then request a public IP address in the VMware Cloud console.

#### NEW QUESTION 21

A cloud administrator is looking for a unified solution to collect and analyze security events for troubleshooting from: VMware vSphere Windows Operating Systems Physical servers Web servers Database servers Amazon Web Services Which VMware Cloud service can meet this requirement?

- A. VMware vRealize Automation Cloud
- B. CloudHealth Secure State
- C. VMware vRealize Log Insight Cloud
- D. VMware vRealize Network Insight Cloud

**Answer:** C

#### Explanation:

<https://blogs.vmware.com/management/2022/08/forwarding-vsphere-audit-and-authentication-events-from-vreal>

#### NEW QUESTION 25

A cloud administrator needs to create an isolated network segment for use in disaster recovery test. Which type of network segment is required?

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

**Answer:** A

#### Explanation:

A private network segment is an isolated network segment that is used for disaster recovery testing. Private network segments provide a secure and isolated environment for testing, allowing administrators to test their disaster recovery plans without risking the stability of their production environment. Private network segments also provide additional security, as they are not connected to the public internet, making them less vulnerable to external attacks. [1]

[1] <https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws.networking/GUID-64>

#### NEW QUESTION 29

What is the purpose of the VMware cloud on AWS management gateway (MGW)?

- A. A Tier-0 router that handles network traffic for workload virtual machines connected to routed computer network segments
- B. A Tier-0 router that handles routing and firewalling for the VMware vCenter Server and other management appliances running in the software-defined datacenter (SDDC).

- C. A Tier-1 router that handles network traffic for workload virtual machines connected to routes compute network segments
- D. A Tier-1 router handles routing and firewalling for the VMware vCenter Server and Other management appliances running in the software-defined datacenter (SDDC).

**Answer:** D

**Explanation:**

Management Gateway (MGW) The MGW is a Tier 1 router that handles routing and firewalling for vCenter Server and other management appliances running in the SDDC. Management gateway firewall rules run on the MGW and control access to management VMs. In a new SDDC, the Internet connection is labelled Not Connected in the Overview tab and remains blocked until you create a Management Gateway Firewall rule allowing access from a trusted source.

**NEW QUESTION 31**

A Cloud Administrator is looking to migrate several dozen workloads from their on-premises location to a VMware public cloud using VMWare -- need to be stretched for the migration. They will also be utilizing the capabilities of the WAN application for the migration.

HCX appliance requirements are as follows:

- > HCX Manager: 4 vCPU, 128GB Memory
- > HCX-IX Interconnect: 8 vCPU, 3GB Memory
- > HCX network Extension: 8 vCPU, 3GB Memory
- > HCX WAN Optimization: 8 vCPU, 14GB Memory

What are the on-premises vCPU and Memory component requirements for the VMWare HCX deployment?

- A. 36 vCPUs, 35GB of memory
- B. 32 vCPUs, 40GB of memory
- C. 30 vCPUs, 36GB of memory
- D. 28 vCPUs, 32GB of memory

**Answer:** A

**Explanation:**

<https://docs.vmware.com/en/VMware-HCX/4.6/hcx-user-guide/GUID-D64901F4-6AB4-4820-9303-27927648A>

**NEW QUESTION 32**

Which logical switching component provides layer 2 forwarding functionality in a VMwareCloud software-defined data center (SDDC).

- A. Segment port
- B. Uplink
- C. N-VDS/VDS
- D. Transport node

**Answer:** C

**Explanation:**

A VMware Cloud software-defined data center (SDDC) uses a logical switching component called a Network Virtual Distributed Switch (N-VDS) or vSphere Distributed Switch (VDS) to provide layer 2 forwarding functionality [1][2]. A VDS is a network switch that provides centralized network configuration, management, and monitoring. It works with the NSX for vSphere data plane to provide layer 2 forwarding, packet filtering, and traffic monitoring services. A VDS is composed of multiple Segment Ports (which are like individual physical ports on a normal switch), Uplinks, and Transport Nodes. The Segment Ports are used to connect virtual machines to the VDS, while Uplinks are used to connect the VDS to physical networks. Transport Nodes are the physical switches that are associated with the VDS. For more information, see the official VMware documentation here: [https://docs.vmware.com/en/VMware-NSX-Data-Center/2.4/nsx\\_24\\_sdn\\_networking/GUID-A4A6E4A8](https://docs.vmware.com/en/VMware-NSX-Data-Center/2.4/nsx_24_sdn_networking/GUID-A4A6E4A8)

**NEW QUESTION 33**

What are two Incident management services included in the VMware Cloud on AWS service management process? (Choose two.)

- A. Email notifications for pending upgrades
- B. Return to service
- C. Severity classification
- D. SDDC upgrades
- E. Workload incident management

**Answer:** BC

**Explanation:**

Incident and Problem Management: VMware will provide incident and problem management services (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to availability of the Service Offering. VMware is responsible for incident and problem management (e.g., detection, severity classification, recording, escalation, and return to service) pertaining to all virtual machines that you have deployed in your SDDC.  
<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/support/vmw-cloud-aws-service-descrip>

**NEW QUESTION 37**

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

**Answer:** AE

**Explanation:**

<https://aws.amazon.com/vmware/outposts/faqs/>

When deploying VMware Cloud on Dell EMC or VMware Cloud on AWS Outposts in a data center, it is important to consider the amount of existing rack space available for the components, as well as the floor and elevator weight capacity between the loading dock and the data center. The distance between the loading dock and the data center, the size of the doorways between the loading dock and the data center, and the number of people available to carry the equipment are not relevant factors to consider.

**NEW QUESTION 38**

Which two steps does a cloud administrator need to take when protecting a VMware Cloud on AWS software-defined data center (SDDC) with VMware site Recovery? (Choose Two.)

- A. Deploy the vSphere Replication virtual appliance.
- B. Deploy the Site Recovery manager virtual Appliance.
- C. Connect the Site Recovery manager instance on the protected recovery site.
- D. Register the vSphere Replication appliance with vCenter Single Sign-On
- E. Set the NSX-T Edge management gateway firewall rules.

**Answer:** AC

**Explanation:**

A cloud administrator needs to deploy the vSphere Replication virtual appliance and the Site Recovery manager virtual appliance when protecting a VMware Cloud on AWS software-defined data center (SDDC) with VMware Site Recovery.

The vSphere Replication virtual appliance is responsible for replicating the virtual machines from the source to the target site. Site Recovery Manager virtual appliance acts as the central management and orchestration platform for the entire disaster recovery process.

**NEW QUESTION 43**

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

**Answer:** B

**Explanation:**

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-extensio>

**NEW QUESTION 44**

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

**Answer:** A

**Explanation:**

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-secu](https://docs.vmware.com/en/VMware-Cloud-on-AWS-GovCloud-(US)/services/vmc-govcloud-networking-secu)

**NEW QUESTION 46**

A cloud administrator needs to provide the security team with the ability to query and audit events and provide custom real-time alerts for the VMware NSX firewall running in VMware Cloud on AWS.

Which solution would the administrator use to accomplish this goal?

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

**Answer:** B

**Explanation:**

VMware vRealize Log Insight Cloud is a cloud-based log management and analytics solution that provides real-time visibility and analytics for VMware Cloud on



AWS [1]. It allows security teams to query and audit events and set up custom real-time alerts. Additionally, it provides detailed insights into the activity of the VMware NSX firewall, allowing administrators to quickly identify suspicious activity and take action.

#### NEW QUESTION 49

A cloud administrator is tasked with deploying a new software-defined data center (SDDC) in VMware Cloud on AWS and has been able to log into the VMware Cloud console Successfully. However, they cannot access the VMware Cloud on AWS Services. Which two tasks need to be performed for the administrator to gain access? (Choose two.)

- A. The cloud administrator will need to create a new subscription for the VMware Cloud on AWS service.
- B. The cloud administrator will need to request access to the VMware Cloud on AWS service
- C. The cloud administrator will need the globalcloudadmin role in the VMware Cloud on AWS service.
- D. The cloud administrator will need the Administrator role in the VMware Cloud on AWS service.
- E. The cloud administrator will need the cloudadmin role in the VMware Cloud on AWS service.

**Answer:** BD

#### Explanation:

(Reference:<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vcloud.admin.doc/GUI>) To request access to the VMware Cloud on AWS service, the cloud administrator must log in to the VMware Cloud Console and fill out the New Subscription Request form. Once the form is filled out and submitted, the cloud administrator will receive an email with instructions on how to access the VMware Cloud on AWS service.

The cloud administrator will also need to have the Administrator role in the VMware Cloud on AWS service in order to gain access. The Administrator role allows the cloud administrator to access the VMware Cloud on AWS service, view the services available in the VMware Cloud on AWS console, and manage the resources in the SDDC.

#### NEW QUESTION 50

Which VMware Cloud tool would an administrator use to forward all the monitored traffic to a network appliance for analysis and remediation?

- A. vRealize Log Insight
- B. Traceflow
- C. Port mirroring
- D. IPFIX

**Answer:** C

#### Explanation:

Port mirroring is a VMware Cloud tool that an administrator can use to forward all the monitored traffic to a network appliance for analysis and remediation. The network appliance can then analyze the mirrored traffic and take the appropriate remedial action. Port mirroring can also be used to identify and troubleshoot network issues, as well as monitor network activities.

Port mirroring lets you replicate and redirect all of the traffic coming from a source. The mirrored traffic is sent encapsulated within a Generic Routing Encapsulation (GRE) tunnel to a collector so that all of the original packet information is preserved while traversing the network to a remote destination.

Port mirroring is used in the following scenarios:

- Troubleshooting - Analyze the traffic to detect intrusion and debug and diagnose errors on a network.
- Compliance and monitoring - Forward all of the monitored traffic to a network appliance for analysis and remediation.

Port mirroring includes a source group where the data is monitored and a destination group where the collected data is copied to. The source group membership criteria require VMs to be grouped based on the workload such as web group or application group. The destination group membership criteria require VMs to be grouped based on IP addresses. Port mirroring has one enforcement point, where you can apply policy rules to your SDDC environment.

The traffic direction for port mirroring is Ingress, Egress, or Bi Directional traffic:

- Ingress is the outbound network traffic from the VM to the logical network.
- Egress is the inbound network traffic from the logical network to the VM.
- Bi Directional is the traffic from the VM to the logical network and from the logical network to the VM. This is the default option.

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-networking-security/GUI>

#### NEW QUESTION 51

A cloud administrator establishes a VPN connection to the VMware Cloud data center but is unable to access the VMware Cloud vCenter. Which step can the administrator take to resolve this?

- A. Modify the default vCenter management network to participate in the on-premises IP space.
- B. Create a segment in the VMware Cloud data center for connection to the vCenter.
- C. Establish a layer 2 connection between the on-premises data center and the VMware Cloud data center.
- D. Create an NSX firewall rule in the VMware Cloud data center allowing access to the vCenter from the on-premises data center.

**Answer:** D

#### Explanation:

<https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vmc-aws-operations/GUID-ED8B8> By default, the management gateway firewall is set to deny all traffic between the internet and vCenter Server.

Verify that the appropriate firewall rules are in place.

The administrator can create an NSX firewall rule in the VMware Cloud data center that allows access to the vCenter from the on-premises data center. This would allow the VPN connection to connect to the vCenter, allowing the administrator to access and manage the VMware Cloud environment.

#### NEW QUESTION 53

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