Nutanix

Exam Questions NCP-CI-Azure

Nutanix Certified Professional - Cloud Integration - Azure (NCP-CI-Azure v6.7)

NEW QUESTION 1
An administrator wants to ensure that enough available bandwidth exits for workloads running in an NC2 on Azure cluster environment.
What is the highest number of Flew Gateway VMs that can be deployed within this environment?

A. 1
B. 3
C. 4
D. 6

Answer: D

Explanation:
? Flow Gateway VMs: Flow Gateway VMs are used to manage and route network traffic within an NC2 on Azure cluster, ensuring sufficient bandwidth for workloads.
? Scalability: To ensure enough available bandwidth, multiple Flow Gateway VMs can be deployed.
? Maximum Limit: The highest number of Flow Gateway VMs that can be deployed within an NC2 on Azure environment is 6, providing the necessary capacity to handle high traffic volumes and ensure optimal performance.
? Conclusion: Deploying up to 6 Flow Gateway VMs ensures adequate bandwidth for NC2 workloads.
References:
? Nutanix Clusters Networking Guide
? Azure Network Performance Documentation

NEW QUESTION 2
An administrator is tasked with adding an Azure account to the NC2 console. A requirement is to configure an Azure user that can open, close or extend a support tunnel for the Nutanix Support team.
Which permission must be assigned to the user?

A. Customer Auditor
B. Account Administrator
C. Cluster Administrator
D. Cluster Auditor

Answer: B

Explanation:
? Account Administrator Role:This role grants the necessary permissions for managing the Azure account, including the ability to open, close, or extend a support tunnel. These capabilities are crucial for the Nutanix Support team to perform diagnostics and troubleshooting efficiently.
? Permissions Included:The Account Administrator role encompasses broader account management rights, ensuring that the user can interact with various support and operational aspects of the NC2 environment within Azure.
References:
? Azure Role-Based Access Control (RBAC) Documentation
? Nutanix NC2 Support Tunnel Requirements

NEW QUESTION 3
What action is performed in Azure when an instance is reported as being in a terminated state, but NC2 expects it to be in a running state?

A. NC2 restarts the AHV host.
B. NC2 alerts the administrator that a manual replacement is required.
C. NC2 automatically reconnects with the instance.
D. NC2 condemns the host and triggers replacement of the host.

Answer: D

Explanation:
? Instance Termination Detection:When an instance in Azure is reported as being in a terminated state but NC2 expects it to be running, the system will automatically take corrective actions.
? Host Condemnation and Replacement:NC2 will condemn the host, marking it as unusable, and will then trigger the replacement process to ensure that the cluster maintains its required capacity and performance levels. This automatic handling ensures minimal disruption to the workloads running on the cluster.
References:
? Nutanix NC2 Automated Management Features
? Azure Instance State Documentation

NEW QUESTION 4
An administrator has recently deployed an NC2 on azure cluster, but does not have connectivity back to the on-premises environment. The administrator would like to start working on configuring the new cluster.
What is the best way to get access to Prism Central?

A. Deploy a Jump Host in an external VNet and peer the VNets for communication between Prism Central VNet and the Jump Host VNet.
B. Deploy a Jump Host instance in the same subnet as the bare-metal.
C. Deploy a Jump Host in an external VNet and peer the VNets for communication between bare-metal VNet and the Jump Host VNet.
D. Deploy a Jump HostInstanceIn the Prism Central VNet inside a delegated subnet

Answer: A

Explanation:
? Jump Host Deployment:A Jump Host provides a secure method to access the NC2 environment when direct connectivity is unavailable. Deploying it in an external VNet allows flexibility in managing network access and security.
? VNet Peering:By peering the external VNet (where the Jump Host is deployed)

with the VNet containing Prism Central, the administrator can establish a communication pathway. This setup enables secure and controlled access to Prism Central from the Jump Host.
References:
? Azure VNet Peering Documentation
? Nutanix NC2 Configuration and Access Guide

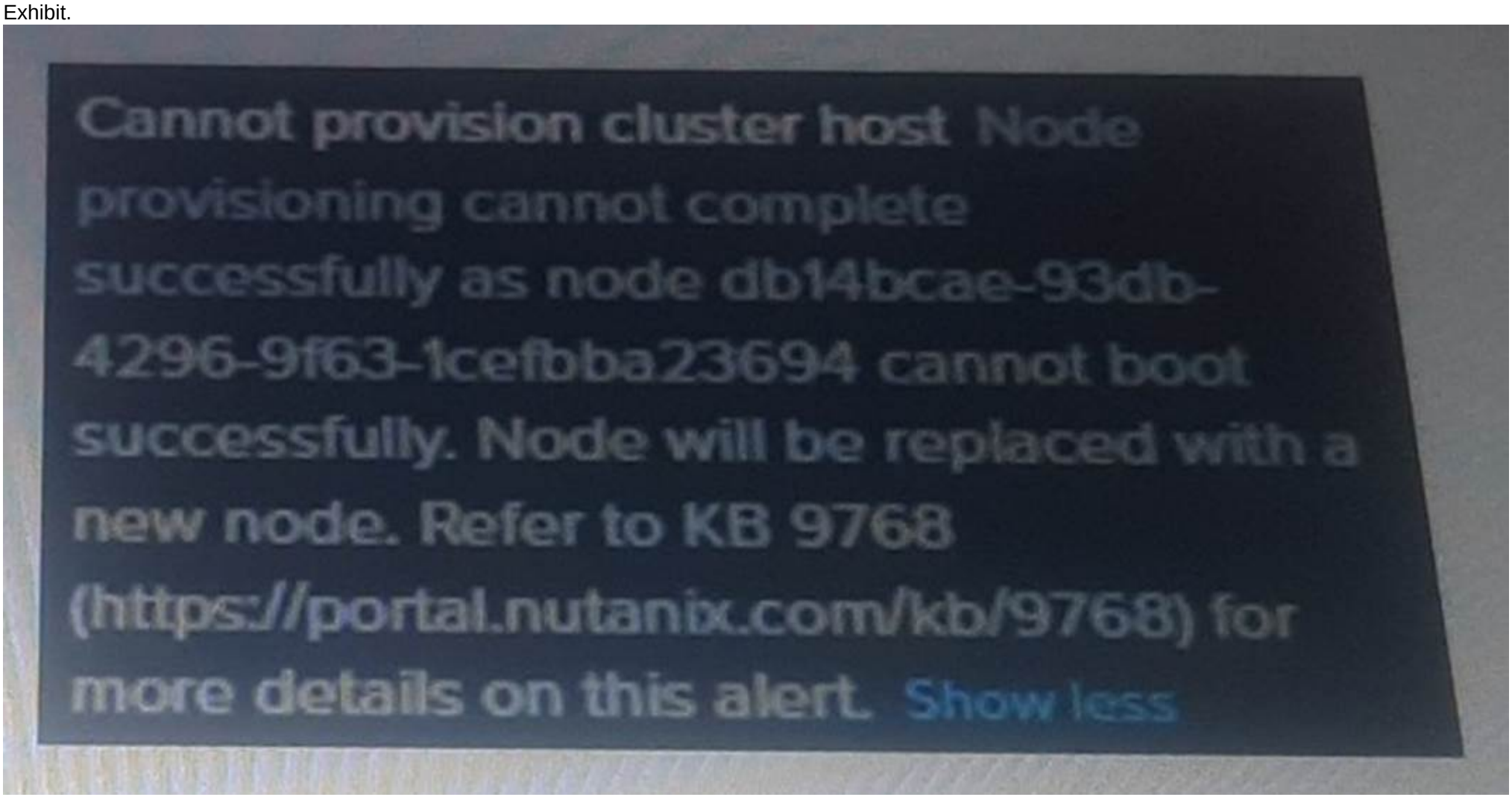
NEW QUESTION 5
A company has just adopted Nutanix as their technology of choice and is preparing to deploy Nutanix Cloud Clusters (NC@)
Which step must be taken first to gain access to the NC2 console?

A. Start a free trial via Billing Portal.
B. Navigate to doud.nutanix.com.
C. Create a My Nutanix account.
D. Open a support case with Nutanix.

Answer: C

Explanation:
? Initial Access: To gain access to the NC2 console, users need to create an account on the Nutanix platform.
? My Nutanix Account: Creating a My Nutanix account provides access to the Nutanix console, support, and other resources.
? Free Trial and Billing Portal: Starting a free trial or accessing the billing portal can be subsequent steps but require an initial account.
? Support Case: Opening a support case is not necessary for initial access but might be needed for specific issues later.
? Conclusion: Creating a My Nutanix account is the first step to accessing the NC2 console and other Nutanix services.
References:
? Nutanix Account Creation Guide
? Getting Started with Nutanix NC2

NEW QUESTION 6
Exhibit.



An administrator is trying to figure out why the NC2 cluster deployment in Azure failed. Which issue might be the cause?

A. The administrator has not specified a DNS server during deployment.
B. The selected bare metal node type is not supported in the deployment region.
C. DNS servers are not reachable from cluster management VNet.
D. The company does not have sufficient NCI/AOS licenses.

Answer: B

Explanation:
? Error Message Analysis:The error message indicates that the node cannot boot successfully and will be replaced with a new node. This points towards an issue related to the specific node type or configuration.
? Bare Metal Node Support:One common cause for such deployment failures is selecting a bare metal node type that is not supported in the chosen deployment region. Azure has specific regions where certain node types are available, and attempting to use an unsupported node type in a region can result in provisioning failures.
References:
? Nutanix KB 9768 for troubleshooting deployment issues: KB 9768
? Azure Region Availability Documentation
? Nutanix NC2 on Azure Deployment Guide

NEW QUESTION 7

A nutanix User VPC named Servers has a subnet named Tier1: Servers: 10.0.0.0/20
Tier1: 10.0.0.0/25
Tier is using floating IPS to allow inbound traffic to the web servers that are hosted for a payroll system.
The company requires that the Network Security Group allow other Native Azure instances running in subnet AD (10.20.0.0/24) in the Prism Central VNet to be able to contact the web servers.
Which statement is true regarding this company requirement?

A. Native Azure instances \n the Prism Central vNet will be allowed access by default.
B. The internal NIC of the Flow Gateway Network Security Group needs to allow to traffic from 1 10.20.0.0/24.
C. The external NIC of the Flow Gateway Network Security Group needs to allow traffic from 10.20.0,0/24.
D. Policy based routing in the Servers VPC must be edited to allow traffic from 10.20.0.0/24.

Answer: B

Explanation:
? Flow Gateway Network Security Group (NSG):NSGs control the traffic flow to and from network interfaces associated with VMs and other resources. Configuring the NSG correctly is crucial for ensuring that required traffic is allowed.
? Internal NIC Configuration:To allow Native Azure instances in the Prism Central VNet (10.20.0.0/24) to access the web servers in the Tier1 subnet, the internal NIC of the Flow Gateway must be configured to allow traffic from 10.20.0.0/24. This ensures that inbound traffic from these instances is permitted and properly routed to the web servers.
References:
? Azure Network Security Group Documentation
? Nutanix Flow Gateway Configuration Guide

NEW QUESTION 8
An administrator seeks to ensure that the newly-created NC2 organization named Finance can only deploy clusters into certain cloud regions.
Which action should the administrator take to do this?

A. Configure permissions in cloud accounts to restrict access to certain regions.
B. Open a support ticket with Nutanix to whitelist the allowed regions for the Finance N
C. Configure RBAC roles on the Finance NC2 organization to allow access to regions.
D. Specify allowed regions when configuring a cloud account for the Finance NC2 organization.

Answer: D

Explanation:
? Cloud Account Configuration:When setting up a cloud account for the NC2 organization, the administrator can specify which regions are available for deploying clusters.
? Restricting Regions:This ensures that the Finance organization can only deploy clusters into the designated regions, complying with organizational policies and requirements.
References:
? Nutanix NC2 Configuration Guide
? Azure Subscription and Resource Management Documentation

NEW QUESTION 9
An administrator has been asked to create a cluster to support new workloads.
What are the maximum number of nodes supported in an NC2 on Azure environment?

A. 14 nodes
B. 18 nodes
C. 24 nodes
D. 28 nodes

Answer: B

Explanation:
? NC2 Cluster Node Limit: NC2 on Azure has specific limitations regarding the maximum number of nodes supported in a single cluster.
? Maximum Nodes: According to the current NC2 on Azure guidelines, a single cluster can support up to 18 nodes.
? Workload Support: This limitation ensures optimal performance and management of resources within the Azure environment.
? Comparison of Options:
? Conclusion: For supporting new workloads, the maximum number of nodes in an NC2 on Azure environment is 18.
References:
? Nutanix Clusters on Azure Technical Specifications
? Azure Virtual Machine Scale Sets Documentation

NEW QUESTION 10
An NC2 on Azure environment requires that outside networks are allowed to be routed to a Nutanix User VPC from outside the cluster when using a No-Nat path.
Which configuration will satisfy this requirement?

A. Internally routable network address which shares the sameaddress space of the Nutanix setVPC
B. Externally routable IP address which shares the same address space of the Native Azure Subnet
C. Internally routable network address which shares the same address space of the Native Azure Subnet
D. Externally routable IP address which shares the same address space of the Nutanix User VPC

Answer: D

Explanation:
? No-NAT Path Requirement:For a No-NAT path to function, the external networks must be able to route traffic directly to the Nutanix User VPC without translation.
? Externally Routable IP Address:The externally routable IP address ensures that traffic from outside networks can reach the Nutanix User VPC.
? Address Space Compatibility:Sharing the same address space as the Nutanix User VPC allows for seamless integration and communication between the

external network and the User VPC.
References:
? Azure Virtual Network Documentation on IP Addressing
? Nutanix NC2 Configuration Guide on No-NAT Networking

NEW QUESTION 10
An administrator has created a new overlay network. Which is intended for the company??s user VMs.
The cluster has these characteristics:
* Policy-based Routing is not configured
*Only using external NAT
*DNS Server: 8.8.8.8
After adding a few VMs to the network, the administrator notices that the VMs cannot reach resources outside the network, even by IP address.
What is a likely cause?

A. The local cluster does not have access to the underlying network.
B. The DNS server is unreachable.
C. The VPC connection is not established.
D. A default route was not configured for the external subnet.

Answer: D

Explanation:
When the administrator notices that the VMs cannot reach resources outside the network, even by IP address, it is likely that a default route was not configured for the external subnet. The default route is essential for directing traffic from the VMs to external networks. Without it, the VMs will not know how to route traffic to external destinations, which leads to connectivity issues.
References
? Azure Virtual Network Documentation
? Nutanix Flow Networking Best Practices

NEW QUESTION 11
An administrator has noticed the company??s NC2 free trial expired 60 days ago.
Whatshouldthe administrator do to continue using all of the NC2 features on existing clusters?

A. Switch to a paid subscription plan.
B. Nothin
C. The clusters will have full feature support.
D. Contact the cloud vendor.
E. Contact Nutanix support to redeploy the cluster.

Answer: A

Explanation:
? Free Trial Expiration:Once the NC2 free trial period expires, the administrator needs to switch to a paid subscription plan to continue using all the features and functionalities provided by Nutanix NC2.
? Paid Subscription Benefits:Transitioning to a paid subscription ensures uninterrupted access to NC2 features, support, and updates, maintaining the operational capabilities of the existing clusters.
References:
? Nutanix Subscription and Billing Documentation
? Nutanix NC2 Support and Subscription Guide

NEW QUESTION 12
An administrator needs to open the following ports in the firewall between an on-premises cluster and azure for disaster recovery:
* 22
* 2009
* 2020
* 2049
* 3260
* 9440
Which rile-type should be created on the firewall for communication to be appropriately established?

A. Outbound (TCP)
B. Bi-directional (TCP)
C. Bi-directional (ICMP)
D. Outbound (ICMP)

Answer: B

Explanation:
? Port Requirements: The specified ports (22, 2009, 2020, 2049, 3260, 9440) are commonly used for various services and require TCP communication.
? Communication Type: To ensure proper disaster recovery setup, bi-directional communication is needed to allow traffic to flow both from on-premises to Azure and vice versa.
? TCP Protocol: These ports use the TCP protocol, which provides reliable communication between devices.
? Conclusion: Creating a bi-directional (TCP) rule on the firewall allows the necessary communication for disaster recovery processes.
References:
? Nutanix Networking and Security Documentation
? Azure Networking Documentation

NEW QUESTION 17
An administrator is tasked with providing User VMs in Azure that are hosted within a Flow NAT network outbound internet connectivity.

In which order would the traffic flow through each component?

A. User VM >Flow Gateway > Floating IP Address > Azure NAT GW
B. User VM >Floating IP Address > Flow Gateway > Azure LB
C. User VM > Delegated Subnet > Flow Gateway > Floating IP Address > Azure LB
D. User VM > Delegated Subnet > Flow Gateway > Floating IP Address > Azure NAT GW

Answer: D

Explanation:
? User VM:The initial source of the traffic within the Azure environment.
? Delegated Subnet:Traffic from the User VM flows through the delegated subnet, which is configured to handle specific network traffic.
? Flow Gateway:The Flow Gateway manages and routes the traffic from the delegated subnet, providing network services and connectivity.
? Floating IP Address:The Flow Gateway assigns a floating IP address for the outbound traffic, facilitating NAT operations.
? Azure NAT Gateway:The traffic is then routed through the Azure NAT Gateway, which provides outbound internet connectivity for the User VMs, ensuring secure and efficient routing.
References:
? Azure Virtual Network NAT Documentation
? Nutanix NC2 Configuration Guide

NEW QUESTION 22
NC2 Azure API calls are failing and MCM no longer shows telemetry or health of the cluster.
Where should the administrator look first?

A. Check whitelisting of Outbound Communication
B. Log into Prism and check alerts and notifications
C. SSH into the NC2 Azure CVMs
D. Check VPN/ExpressRoute

Answer: A

Explanation:
? Outbound Communication Whitelisting:For NC2 Azure API calls and telemetry data to function correctly, certain outbound communications must be allowed. If these communications are not whitelisted, API calls can fail, and telemetry or health data might not be reported correctly.
? First Check:Given the symptoms (failing API calls and missing telemetry), the first step should be to ensure that all necessary outbound communications are correctly whitelisted. This includes ensuring that endpoints and services required for NC2 operation are accessible.
References:
? Nutanix NC2 Networking Requirements
? Azure Networking and Security Configuration Guide

NEW QUESTION 26
An administrator ran into an issue during an NC2 cluster deployment on Azure. The administrator has logged a case with Nutanix Support.
Support has requested the following logs from NC2 on Azure in order to diagnose the deployment issue:
* Cluster_agent
* Host_agent
* Hostsetup
What action should the administrator take to ensure the collect the appropriate logs?

A. SSH to the CVM and use the logbay collect command.
B. Login to Prism Element to access the CVM's console and run the logbay collectcommand.
C. SSH to the PCVM and use the logbay collect command.
D. Login to Prism Element Web Console to generate a Logbay bundle.

Answer: B

Explanation:
To collect the appropriate logs (Cluster_agent, Host_agent, and Hostsetup) for diagnosing the deployment issue with Nutanix Support, the administrator should:
? Log in to Prism Element to access the Controller VM (CVM) console.
? Run thelogbay collectcommand from the CVM console. This command collects the necessary logs and packages them for support.
This method ensures that the correct logs are gathered in a format that Nutanix Support can analyze.References
? Nutanix Support Documentation on Log Collection

NEW QUESTION 30
An on-premises network has been extended to azure with a VPN/ExpressRoute. The routing and peering of VNets is setup and has been confirmed to be correct.
Which statement best describes the state of the traffic flow between the on-prem CVMs and the NC2 CVMs in Azure?

A. The Network Security Group of the Flow Gateway VM on the Internal NICs will need to be edited to enable the traffic flow.
B. A ticket will need to be put in with Microsoft support to open the subnet ranges from on- premises.
C. Traffic will flow directly to the NC2 CVM
D. Nothing will block the path by default.
E. The Network Security Group of the Flow Gateway VM on the Externa! NICs will need to be edited to enable the traffic flow.

Answer: A

Explanation:
? Network Security Groups (NSGs):NSGs control the inbound and outbound traffic to and from Azure resources. For traffic between on-premises CVMs and NC2 CVMs in Azure, the NSGs associated with the Flow Gateway VM's Internal NICs must be configured to allow the required traffic.
? Editing NSGs:To enable traffic flow, specific rules must be added to the NSGs to permit traffic from the on-premises network to the NC2 environment. Thisincludes specifying the appropriate source and destination IP ranges and the necessary ports and protocols.
References:

? Azure Network Security Groups Documentation
? Nutanix NC2 Networking Configuration Guide

NEW QUESTION 32
An administrator is planning an NC2 deployment in Azure and wants to connect the company??s on-premises datacenter to the cloud environment.
What connectivity solution should the administrator use to avoid traffic between the locations flowing over the public internet?

A. ExpressRoute
B. Site-to-Site VPN
C. Point-to-Site VPN
D. VTEP Gateways

Answer: A

Explanation:
To connect the company's on-premises datacenter to the Azure cloud environment while avoiding traffic over the public internet, the administrator should use Azure ExpressRoute. ExpressRoute provides a private connection to Azure, offering more reliability, faster speeds, and lower latencies compared to typical internet connections. This service ensures that data traffic does not traverse the public internet, enhancing security and performance.References
? Azure ExpressRoute Overview

NEW QUESTION 34
An administrator is tasked with creating a new subnet for a group of VMs that require inbound internet access. Internal private addresses must be obscured to servers on the public internet.
Which network is best suited for satisfying this requirement?

A. Bastion based network
B. No-NAT based network
C. Layer 2 Stretch network
D. NAT based network

Answer: D

Explanation:
? NAT Based Network:A NAT-based network is designed to provide inbound and outbound internet access while obscuring the internal private addresses. This setup uses Network Address Translation (NAT) to map internal IP addresses to a public IP address, ensuring that internal addresses are not exposed to the public internet.
? Security and Connectivity:NAT provides a layer of security by hiding internal IP addresses and allowing controlled access to external resources. This configuration is well-suited for VMs that need to communicate with servers on the public internet while maintaining the privacy of their internal network addresses.
References:
? Azure Virtual Network NAT Documentation
? Nutanix Networking and Security Configuration Guide

NEW QUESTION 35
An organization wants to use a Jump Host to access Prism Element and Prism Central within an NC2 cluster on Azure.
Which statement is true?

A. Jump Host instance must be deployed in the cluster VNet.
B. Jump Host instance can be deployed in the Prism Central VNet or an external VNet.
C. Jump Host must not be use
D. Only VPN or ExpressRoute should be use.
E. Jump Host instance can only be deployed in the Prism Central VNet.

Answer: B

Explanation:
? Jump Host Deployment:A Jump Host is a secure server used to access other systems in a network. In the context of an NC2 cluster on Azure, it serves as an intermediary for accessing Prism Element and Prism Central.
? Flexible Deployment Options:The Jump Host can be deployed in either the Prism Central VNet or an external VNet, providing flexibility in network design and access strategies. This allows the organization to choose the most suitable network for deploying the Jump Host based on their security and connectivity requirements.
References:
? Nutanix NC2 on Azure Deployment Guide
? Azure Virtual Network Configuration Documentation

NEW QUESTION 40
An administrator manager a virtual desktop environment running on an NC2 cluster in Azure.
The desktop running on the cluster need to contact resources on-premises through the ExpressRoute that has been setup. The save on bandwidth from the on-premises environment to Azure, the administrator wants the desktops to access the internet through an Azure NAT Gateway.
Which co0nfigruation will best accomplish this task?

A. Set the default route of 0.0.0.0/0 for the Nutanix User VPC pointing to the external-No- NAT network.
B. Set the default route of 0.0.0.0/0 for the Nutanix User VPC pointing to the external-NAT networ
C. Set a route to the on-premises subnet for the Nutanix User VPC pointing to the external-No-NAT network.
D. Set the default route of 0.0.0.0/0 for the Nutanix User VPC pointing to the external-NAT networ
E. Set a route to the on-premises subnet for the Nutanix User VPC pointing to the external-NAT network.
F. Assign all desktops Floating IPs and use an external-NAT network in the transit VP
G. Set the default route of 0.0.0.0/0 for the Nutanix User VPC pointing to the external-NAT network.

Answer: B

Explanation:
? Default Route for Internet Traffic:By setting the default route of 0.0.0.0/0 for the Nutanix User VPC pointing to the external-NAT network, all internet-bound traffic from the desktops will be routed through the Azure NAT Gateway, conserving bandwidth on the ExpressRoute connection.
? On-Premises Route:Setting a specific route to the on-premises subnet for the Nutanix User VPC pointing to the external-No-NAT network ensures that traffic destined for on-premises resources bypasses the NAT Gateway and utilizes the ExpressRoute connection, optimizing the use of network paths.
References:
? Azure NAT Gateway Documentation
? Nutanix NC2 Networking Configuration Guide

NEW QUESTION 44
Which two options are prerequisites for deploying an NC2 cloud cluster in Azure? (Choose two.)

A. An Azure Express Route circuit
B. A valid CIDR range
C. A my.nutanix.com account
D. An on Premises Prism Central environment

Answer: BC

Explanation:
? Valid CIDR Range:When deploying an NC2 cloud cluster in Azure, a valid CIDR range is necessary to define the IP address space for the cluster and its associated networks. This range ensures that there are no conflicts with existing network configurations and provides sufficient addresses for the cluster resources.
? My Nutanix Account:A my.nutanix.com account is required to access Nutanix services and manage NC2 deployments. This account allows administrators to log in, configure settings, and manage their Nutanix environment on Azure.
References:
? Nutanix NC2 on Azure Deployment Guide
? Azure Virtual Network Documentation

NEW QUESTION 48
An administrator needs to attach a network interface to a Flow Gateway VM.
What option should be enabled in the Azure portal and in the OS of the Flow gateway VM to meet this network requirement?

A. Port Tagging
B. Dynamic Route
C. IP Forwarding
D. Static Route

Answer: C

Explanation:
? IP Forwarding in Azure:Enabling IP forwarding allows the VM to forward network traffic that is not specifically addressed to itself. This is necessary for network devices like the Flow Gateway VM to route traffic correctly.
? Network Interface Configuration:Both the Azure portal settings and the VM's operating system must have IP forwarding enabled to ensure proper traffic handling and routing capabilities.
References:
? Azure Virtual Machine Networking Documentation
? Nutanix Flow Gateway Configuration Guide

NEW QUESTION 51
An administrator is tasked to identify the firewall requirement and submit the port request to the requirement team before the clusters deployment.
Which requirement should the administrator ensure is implement on the corporate firewall?

A. ICMP can disable but the connectivity should be enabled between the CVM
B. PrismElement, and Prism Central.
C. Allow bi-directional Internet Control Message Protocol (ICMP) traffic between the CVMs, Prism Element, and Prism Central.
D. Allow uni-directional internet Control Message Protocol (ICMP) traffic between the CVMs, femenr and Prism Central.
E. ICMP and connectivity can be disabled between the CVMs, Prism Element, and Prism Central

Answer: B

Explanation:
? ICMP Traffic:ICMP is essential for network diagnostics and troubleshooting, such as ping and traceroute, which help in monitoring the connectivity and health of the network.
? Bi-Directional Traffic:Allowing bi-directional ICMP traffic ensures that all nodes (CVMs, Prism Element, and Prism Central) can both send and receive diagnostic messages, which is crucial for maintaining proper communication and network stability.
References:
? Nutanix Networking and Connectivity Requirements
? Corporate Firewall Configuration Guidelines

NEW QUESTION 54
An organization uses a Pay As. You Go subscription plan and wants to pay directly to Nutanix.
What is a valid payment method available to pay directly to Nutanix?

A. Via Wire Transfer
B. Via Credit Card
C. Via Physical Check
D. Via Online Payment Platform

Answer: A

Explanation:
? Payment Method Options:When using a Pay As You Go subscription plan and opting to pay directly to Nutanix, wire transfer is a valid and secure payment method.
? Direct Payment:Wire transfers allow for the direct transfer of funds from the organization's bank account to Nutanix, ensuring a straightforward and efficient payment process.
References:
? Nutanix Billing and Payment Documentation
? Pay As You Go Subscription Payment Methods Guide

NEW QUESTION 55
An administrator needs to extend an on-premises subnet to an NC2 cluster on Azure. Which set of options should the administrator configure to complete this task?

A. Subnet Type: VPC subnetsTraffic Type: IPv4 unicast traffic and ARPOn-premises Hypervisor: ESXi, AHV, Hyper-V
B. Subnet Type: On-premises VLAN subnets and VPC subnets Traffic Type: IPv4 unicast traffic IPv6 unicast traffic and ARP On-premises Hypervisor: ESXi and AHV
C. Subnet Type: On-premises VLAN subnets and VPC subnets Traffic Type: IPv4 unicast traffic and ARP On-premises Hypervisor: AHV
D. Subnet Type: On-premises VLAN subnets and VPC subnets Traffic Type: IPv6 umcasi traffic and ARP On-premises Hypervisor: Hyper-V

Answer: B

Explanation:
To extend an on-premises subnet to an NC2 cluster on Azure, the administrator should configure:
? Subnet Type:Both on-premises VLAN subnets and VPC subnets. This ensures that the subnet can span both the on-premises environment and the Azure environment.
? Traffic Type:Support for IPv4 unicast traffic, IPv6 unicast traffic, and ARP is necessary to ensure proper communication and address resolution across the extended subnet.
? On-premises Hypervisor:ESXi and AHV are supported hypervisors for this type of configuration, allowing for a seamless extension of the subnet between these environments.
References
? Nutanix Hybrid Cloud Networking

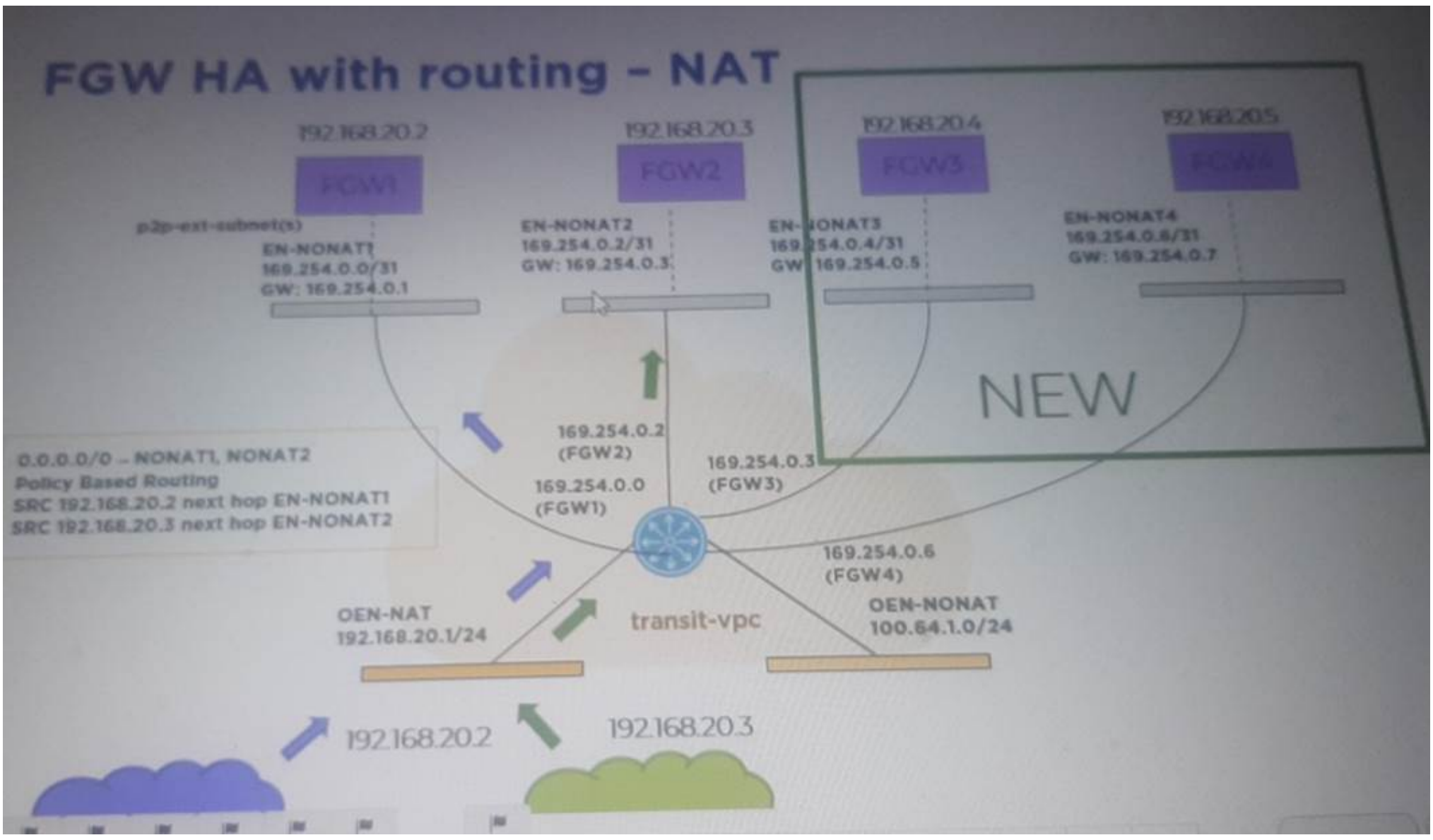
NEW QUESTION 59
A company wants NC2 networking components to be created manually with the correct naming conversation. To achieve this the administrator manually creates the PC and Host VNets in Azure.
What additional Azure Network components must the administrator manually create?

A. NAT Gateway
B. Delegated Subnets, Flow Gateway Subnets, Transit VPC
C. NAT Gateways, Delegated Subnets, Flow Gateway Subnets, VNet Peers
D. internet Gateways, Private Endpoints, Flow Gateway Subnets, VNet Peers
E. Internet Gateway
F. Delegated Subnets, Flow Gateway Subnets, VNet Peers

Answer: B

Explanation:
? NAT Gateways:Necessary for providing outbound internet access to resources in the private subnet. It ensures that the virtual network can communicate with external services securely.
? Delegated Subnets:Required for deploying specific Azure services within the virtual network, allowing controlled access and management of the resources within these subnets.
? Flow Gateway Subnets:These subnets are used for managing traffic flow within the network, ensuring efficient routing and connectivity between different parts of the NC2 infrastructure.
? VNet Peers:Establish connections between different virtual networks within Azure, enabling seamless communication and resource sharing across various parts of the NC2 deployment.
References:
? Azure Virtual Network Documentation
? Nutanix NC2 Networking Setup Guide

NEW QUESTION 61
Exhibit



An NC2 on Azure cluster was deployed with two Flow Gateway in HA (FHW1 and FGW2). After a week of use, four bare-metal nodes were added to the NC2 cluster and additional workloads were added. The existing workloads were using floating IPs to allow inbound traffic to communicate with the running workloads on the NC2 cluster.
It was determined that additional bandwidth for north/south traffic would be needed. Two
additional Flow Gateways were added (FGW3 and FGW4) from the NC2 portal configuration menu.
The existing workloads prior to expansion on the NC2 cluster will be able to use which Flow Gateways using the NAT traffic path after the expansion?

A. They will be able to use FGW3 and FGW4 once the NC2 workloads reboots.
B. All four Flow Gateways using a MAC/Hash algorithm.
C. Only the Flow Gateway each workload was using prior to expansion.
D. All four Flow Gateways.

Answer: C

Explanation:
In the NC2 on Azure cluster scenario, the existing workloads were using floating IPs for inbound traffic before the addition of new Flow Gateways (FGW3 and FGW4). The NAT traffic path established initially will continue to direct traffic through the originally assigned Flow Gateways (FGW1 and FGW2). The existing workloads will not automatically utilize the new Flow Gateways (FGW3 and FGW4) without a reconfiguration or reboot, which reassigns the NAT paths.
References
? Nutanix Flow Networking and Configuration Guide

NEW QUESTION 66
An organization want to use existing Azure resources to deploy NC2. What is a valid requirement to use existing Azure resources for this task?

A. More than two DNS servers must be used.
B. A new Azure resource group must be created where all resources, such as VNets must be created.
C. Azure NAT gateway must be attached to the cluster management Prism Central, and external Flow Gateway subnets.
D. The fastpathenabled tag must be added after creating a NAT gateway.

Answer: B

Explanation:
? Resource Group Requirement:When deploying NC2 on Azure, it is essential to organize resources such as VNets, subnets, and other components in a dedicated resource group. This helps in managing and maintaining the resources efficiently.
? New Resource Group:Creating a new Azure resource group ensures that all the necessary NC2 resources are isolated and managed together, avoiding conflicts with existing resources and providing a clear separation for administration and billing purposes.
References:
? Azure Resource Group Documentation
? Nutanix NC2 Deployment Guide

NEW QUESTION 67
What is an available log module when configuring a syslog server in the Prism Central Admin Center?

A. Prism
B. Zookeeper
C. API Audit
D. Acropolis

Answer: D

Explanation:
? Log Modules in Prism Central:When configuring a syslog server, different log modules can be selected to send logs to an external syslog server for centralized logging and analysis.
? Acropolis Logs:The Acropolis module captures logs related to the Acropolis
Hypervisor (AHV), including virtual machine operations, storage operations, and other critical functions within the Nutanix environment.
References:
? Nutanix Prism Central Administration Guide
? Nutanix Acropolis Documentation

NEW QUESTION 70
An administrator is planning on building the network prior to deploying a Nutanix cluster into Azure.
Which two components require their own vNets for NC2 in Azure? (Choose two.)

A. Bare-metal instance
B. Prism Central
C. Azure Load Balancer
D. Virtual Network Gateway

Answer: AB

Explanation:
? NC2 on Azure Deployment: Deploying Nutanix clusters in Azure involves configuring various components, each needing appropriate network isolation and configuration.
? Components and vNets:
? Network Isolation: Providing separate vNets for Bare-metal instances and Prism Central ensures optimal performance and management capabilities.
? Conclusion: Both Bare-metal instances and Prism Central require their own vNets
in the NC2 on Azure deployment. References:
? Nutanix Clusters on Azure Deployment Guide
? Azure Virtual Network Documentation

NEW QUESTION 74
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