



Nutanix

Exam Questions NCP-CI-Azure

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

NEW QUESTION 1

What will be observed in the NC2 cluster when terminating a node from the Azure portal?

- A. NC2 will shutdown the node.
- B. NC2 will continue re-provisioning the node.
- C. NC2 will terminate the node from the cluster.
- D. NC2 will mark the node as degraded.

Answer: D

Explanation:

? Node Termination Observation: When a node is terminated from the Azure portal, the NC2 cluster will detect that the node is no longer operational.

? Marking as Degraded: NC2 will mark the node as degraded, indicating that the node is not functioning as expected. This status allows administrators to take necessary actions to resolve the issue, such as provisioning a new node or addressing the degradation cause.

References:

? Nutanix NC2 Cluster Management Guide

? Azure Instance Termination Documentation

NEW QUESTION 2

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 3

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 4

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 5

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 6

An administrator is deploying an NC2 cluster in Azure and observes on NC2 console that nodes will not progress and continue in a Booting state.

What is the most likely cause for the node not continuing to deploy?

- A. The Azure account does not have an active subscription.
- B. An Azure Support case must first be submitted for allowlisting the Azure subscription.
- C. The subscription has not been validated to be allowlisted by Microsoft.
- D. A private DNS server is being used that is not reachable.

Answer: C

Explanation:

? Azure Subscription Validation: When deploying an NC2 cluster, the Azure subscription must be validated and allowlisted by Microsoft. This is a crucial step to ensure that the necessary permissions and configurations are set up for the deployment.

? Booting State Issue: If the nodes are stuck in the Booting state, it often indicates that the subscription has not been properly validated and allowlisted. This prevents the deployment from progressing as required resources and permissions are not fully accessible.

? Checking Allowlisting Status: Administrators should verify that their subscription has been allowlisted by contacting Azure support or checking the status through the Azure portal.

? Resolution: Once the subscription is validated and allowlisted by Microsoft, the deployment should proceed without the nodes getting stuck in the Booting state.

References:

- ? Nutanix NC2 on Azure Documentation
- ? Azure Subscription Management

NEW QUESTION 7

Which console must be used to deploy a Nutanix cluster on Azure?

- A. Prism Central Console
- B. NC2 Console
- C. Azure Console
- D. Prism Element Console

Answer: B

Explanation:

? NC2 Console: The NC2 console is specifically designed for deploying and managing Nutanix clusters on Azure. It provides the necessary tools and interface to configure, monitor, and manage the NC2 clusters effectively.

? Cluster Deployment: Using the NC2 console ensures that all configurations and integrations with Azure are correctly handled, providing a seamless deployment experience.

References:

- ? Nutanix NC2 Deployment Guide
- ? Nutanix Console Documentation

NEW QUESTION 8

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 9

An administrator has setup a routed external network (No NAT) to use for workload running in NC2 clusters on Azure.

The applications are network intensive, so four gateway VMs have been deployed to meet the high demands. One application server on the NC2 clusters is sending traffic to an outside Azure service.

How many flow gateway VMs will be used to distribute the traffic?

A. All four Flow Gateway instances will be used based on the ECMP default route that points to the external subnets in the Nutanix Transit VPC, but only for sending traffic

B. Return traffic by use one Flow Gateway VM.

C. two flow gateway instances will be used based on limitations from using MAC addresses to redistribute traffic.

D. Only one Flow Gateway instance will be used per source application running on NC2.

E. All four Flow Gateway instances will be used based on the ECMP default route that points to the external subnets in the Nutanix Transit VPC for sending and receiving traffic.

Answer: D

Explanation:

? Equal-Cost Multi-Path (ECMP) Routing: ECMP allows multiple gateways to be used simultaneously for load balancing traffic across multiple paths. In this scenario, ECMP is configured to point to the external subnets in the Nutanix Transit VPC.

? Traffic Distribution: All four Flow Gateway instances will be used to distribute the outgoing traffic from the application server based on the ECMP default route configuration. This ensures efficient load balancing and utilization of all available gateway resources.

? Bidirectional Traffic: Both sending and receiving traffic will utilize all four Flow Gateway instances, ensuring high availability and performance for network-intensive applications.

References:

? Nutanix NC2 Networking Guide

? Azure Networking Documentation on ECMP

NEW QUESTION 10

What is the purpose of an organization in the NC2 console?

A. To Link with a Public Cloud account

B. To link with NC2 subscription plans

C. To segregate clusters based on specific requirements

D. To map the on-premises Prism Central environment

Answer: C

Explanation:

? Purpose of an Organization in NC2: In the NC2 console, an organization serves to manage and segregate clusters based on specific requirements such as departmental needs, project goals, or security policies.

? Cluster Management: This segregation allows administrators to apply unique configurations, permissions, and policies to different clusters within the same environment, providing flexibility and control over resource allocation and management.

References:

? Nutanix NC2 Console Documentation

? Best Practices for Managing NC2 Clusters

NEW QUESTION 10

When selecting the NC2 subscription plan from the Nutanix billing portal, which options are available?

A. Pay-as-you-Go (payG), Bring your own License (BYOL)

B. Reserved instances, Cloud Provider Credits, Bring your own License (BYOL)

C. Reserved instances, Bring your own License (BYOL)

D. Pay-as-you-Go (PayG), Cloud Provider Credits, Bring your own License (BYOL)

Answer: A

Explanation:

When selecting the NC2 subscription plan from the Nutanix billing portal, the available options are:

? Pay-as-you-Go (PayG): Allows you to pay for the services as you use them, providing flexibility and avoiding upfront costs.

? Bring your own License (BYOL): Enables you to use your existing Nutanix licenses within the cloud environment, offering cost savings if you already have licenses.

These options provide flexibility in how you can manage and pay for your Nutanix cloud clusters.

References

? Nutanix Cloud Clusters Pricing and Plans

NEW QUESTION 14

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 15

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 20

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 24

Which service enables the monitoring of key metrics on various Azure services, including virtual networks, virtual machines, and bare metal hosts for an NC2 cluster?

- A. Azure Monitor
- B. Resource Manager
- C. Azure Service Health
- D. Azure Network Watcher

Answer: A

Explanation:

? Azure Monitor Overview: Azure Monitor is a comprehensive monitoring service that collects, analyzes, and acts on telemetry data from Azure resources.

? Key Metrics Monitoring: Azure Monitor enables the monitoring of various Azure services such as virtual networks, virtual machines, and bare metal hosts, providing insights and visibility into their performance and health.

? Comparison of Services:

? Conclusion: Azure Monitor is the most suitable service for monitoring key metrics across a wide range of Azure services.

References:

? Azure Monitor Documentation

? Nutanix NC2 on Azure Monitoring Guide

NEW QUESTION 28

An administrator is tasked with preparing the company's Azure subscription for use with NCZ.

Which two Azure Resource Providers need to be registered? (Choose two.)

- A. Microsoft.HybridNetwork
- B. Microsoft.Network
- C. Microsoft.Nutanix
- D. Microsoft.HybridCompute

Answer: BC

Explanation:

? Azure Resource Providers: To prepare an Azure subscription for NC2, specific resource providers must be registered to enable necessary services and resources.
? Required Providers:
? Other Providers:
? Conclusion: Registering both "Microsoft.Network" and "Microsoft.Nutanix" ensures that all necessary network and Nutanix-specific resources are available for NC2 deployment.
References:
? Azure Resource Providers Documentation
? Nutanix on Azure Setup Guide

NEW QUESTION 30

An administrator is tasked with configuring connectivity between an on-premises datacenter and Azure.
Which two connectivity options are supported? (Choose two.)

- A. VPN
- B. Direct Connect
- C. ExpressRoute
- D. Leased Line

Answer: AC

Explanation:

For configuring connectivity between an on-premises datacenter and Azure, the two supported options are:
? VPN (Virtual Private Network): Site-to-Site VPN allows you to create a secure connection from your on-premises network to Azure over the public internet using IPsec/IKE protocols.
? ExpressRoute: Provides a private connection between your on-premises infrastructure and Azure, ensuring traffic does not traverse the public internet. Both options provide secure and reliable connectivity, with ExpressRoute offering enhanced performance and security due to its private connection.
References
? Azure VPN Gateway
? Azure ExpressRoute Overview

NEW QUESTION 31

Which address must Azure Directory Service be able to resolve when deploying a new NC2 cluster?

- A. Download.cloud.nutanix.com
- B. Apikeys.nutanix.com
- C. Gateway-external-api.cloud.nutanix.com
- D. Gateway-internal-api-cloud.nutanix.com

Answer: C

Explanation:

? Azure Directory Service Role: Azure Directory Service must be able to resolve specific Nutanix URLs to ensure proper communication and functionality during the deployment of an NC2 cluster.
? Critical Endpoint: The address "Gateway-external-api.cloud.nutanix.com" is critical for establishing external API communications required for the deployment and management of the NC2 cluster.
? DNS Resolution: Proper DNS resolution of this address ensures that the Azure Directory Service can interact with Nutanix services and APIs necessary for cluster operations.
? Verification Process:
? Importance: Without resolving this address, the deployment process might face connectivity issues, leading to potential deployment failures.
References:
? Nutanix NC2 on Azure Setup Guide
? Azure Active Directory Integration

NEW QUESTION 32

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 34

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 subnets Traffic Type: IPv4 unicast traffic and ARP On-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 unicast 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 37

When configuring an alert email in Prism Central deployment within an NC2 environment, what is required in order for the emails to be sent properly?

- A. SMTP server configured in Prism Central Settings
- B. A whitelisted public cloud console endpoint
- C. Cluster Super Admin permissions
- D. Name servers configured in Prism Central

Answer: A

Explanation:

? SMTP Server Configuration: To send alert emails from Prism Central, it is essential

to configure an SMTP server in the Prism Central settings. This server handles the email sending process, ensuring that alerts generated by Prism Central are properly delivered to the specified email addresses.

? Email Notification Setup: The SMTP server settings include the server address, port, and authentication details. Once these settings are correctly configured, Prism Central can use the SMTP server to send out alert emails reliably.

References:

? Nutanix Prism Central Administration Guide

? SMTP Configuration for Email Alerts in Prism Central

NEW QUESTION 41

An administrator just completed the initial account setup tasks for NC2 on Azure, such as creating a My Nutanix account, starting a 30-day free trial for NC2 on Azure, and setting up the Azure account and subscription.

Which two additional actions should the administrator take before creating a cluster? (Choose two.)

- A. Purchasing an Azure savings plan
- B. Allowlisting the Azure Subscription
- C. Creating an App Registration
- D. Configure VPN for connectivity

Answer: BC

Explanation:

? Allowlisting the Azure Subscription: This step ensures that the Azure subscription is recognized and permitted by Nutanix Cloud Clusters (NC2). Without allowlisting, the necessary resources and permissions within the Azure subscription may not be available for NC2, potentially blocking the creation and management of clusters.

? Creating an App Registration: This involves setting up an application within Azure Active Directory (AAD) to enable secure communication between NC2 and Azure. The app registration process includes assigning permissions and obtaining necessary authentication credentials, facilitating the interaction and management of Azure resources by NC2.

References:

? Nutanix Documentation on NC2 Setup

? Azure Active Directory Application Registration Guide

NEW QUESTION 46

A company is extending a subnet from their on-premises environment to an NC2 cluster on Azure. The company is considering using either a Virtual Tunnel End Point (VTEP) or a layer 2 subnet Extension over VPN.

In which two scenarios would it be advantageous to use VTEP for this requirement? (Choose two.)

- A. Connectivity between sites already provides encryption.
- B. Only one remote Availability Zone exists that needs the subnet extended.
- C. Connectivity between sites already does not provide encryption.
- D. Multiple remote Availability Zones exist to add to the same VTEP-based extended Layer 2 subnet.

Answer: AD

Explanation:

? Scenario Analysis:

? Scenarios B and C:

? Conclusion: VTEP is advantageous when encryption is already in place and when multiple remote zones need to be connected to the same extended subnet.

References:

? Nutanix NC2 Networking Guide

? Azure Networking Documentation

NEW QUESTION 50

A company wants NC2 networking components to be created manually with the correct naming convention. 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.

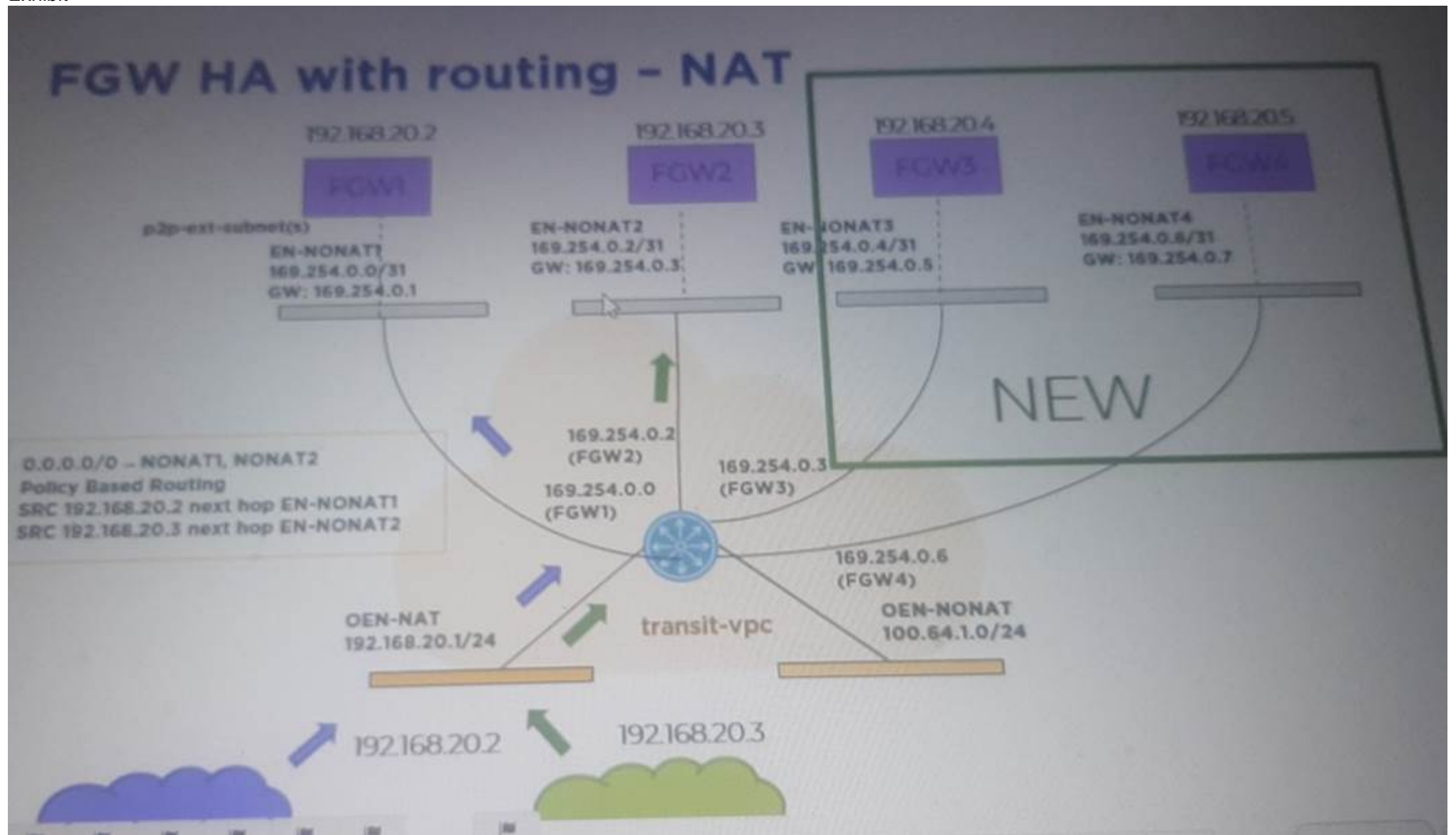
References:

? Azure Virtual Network Documentation

? Nutanix NC2 Networking Setup Guide

NEW QUESTION 53

Exhibit



An NC2 on Azure cluster was deployed with two Flow Gateway in HA (FGW1 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 58

An administrator must ensure that certain NC2 VMs can access Azure resources. The NC2 VM traffic must not traverse the internet. How would the administrator achieve this?

- A. By creating an Azure Private Endpoint for VMs in a Delegated Subnet
- B. By creating an Azure Private Endpoint for VMs in a NAT network via vWAN.
- C. By creating an Azure Private Endpoint for VMs in a No-NAT network via vWAN.
- D. By creating an Azure Private Endpoint for VMs in the host-mgmt subnet.

Answer: A

Explanation:

? Azure Private Endpoint: A Private Endpoint provides secure connectivity to Azure resources by enabling private access through the Azure backbone network. This ensures that the traffic does not traverse the internet, providing enhanced security and performance.

? Delegated Subnet: By creating an Azure Private Endpoint for VMs in a delegated subnet, the administrator ensures that the VMs can access Azure resources directly and securely without using the public internet.

References:

? Azure Private Endpoint Documentation

? Nutanix NC2 Networking Configuration Guide

NEW QUESTION 61

An administrator has been tasked with deploying a new production NC2 cluster on Azure and is studying the deployment requirements. How many Azure Ready Nodes, at a minimum, must the administrator ensure are deployed within the cluster?

- A. 1
- B. 3
- C. 5
- D. 6

Answer: B

Explanation:

? Minimum Node Requirement: For production deployments, Nutanix typically requires a minimum of three nodes to ensure high availability and fault tolerance within the cluster.

? Azure Ready Nodes: Deploying at least three Azure Ready Nodes allows the cluster to provide redundancy, ensuring that the failure of a single node does not affect the overall availability and performance of the cluster.

References:

? Nutanix NC2 on Azure Deployment Guide

? High Availability and Redundancy Best Practices

NEW QUESTION 65

A nutanix user VPC called servers has three subnets called Tier1, tier2 and Darren-Tier3.

*Servers: 10.0.0.0/16

* Tier1: 10.0.0.0/16

* Tier2: 10.0.0.0.128/25

* Darren-Tier3: 10.0.4.0/24

An administrator wants to keep Darren-Tier3 isolated and not receive any outside traffic. In order properly route for Tier1 and Tier2 coming from native subnets for Azure, what should the ERP be set to?

- A. Transit VPC ERP set to 10.0.0.0/20 and Servers ERP set to 10.0.0.0/24
- B. Transit VPC ERP set to 10.0.0.0/16 and Servers ERP set to 10.0.0.0/25
- C. Transit VPC ERP set to 10.0.0.0/24 and Servers ERP set to 10.0.0.0/24
- D. Transit VPC ERP set to 10.0.0.0/16 and Servers ERP set to 10.0.4.0/24

Answer: D

Explanation:

? ERP Configuration: ERP (External Route Prefix) settings determine how traffic is routed between subnets and VPCs.

? Objective: The goal is to isolate Darren-Tier3 while ensuring proper routing for Tier1 and Tier2.

? Transit VPC ERP: Setting it to 10.0.0.0/16 ensures that it covers the entire VPC range, allowing traffic within Tier1 and Tier2.

? Servers ERP: Setting it to 10.0.4.0/24 ensures isolation for Darren-Tier3 by limiting traffic to that specific subnet and preventing external traffic from reaching it.

? Conclusion: This configuration achieves the isolation of Darren-Tier3 while allowing proper routing for Tier1 and Tier2.

References:

? Nutanix Networking Documentation

? Azure Virtual Network Documentation

NEW QUESTION 66
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