

Nutanix

Exam Questions NCP-CI-Azure

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



NEW QUESTION 1

An administrator needs to configure the correct outbound requirement for a successful cluster deployment in Azure. Which destination must have an outbound rule to meet this requirement?

- A. <https://portal.nutanix.com/>*
- B. <https://downloads.cloud.nutanix.com/>*
- C. <https://support.nutanix.com/>*
- D. <https://nutanix.dev/>*

Answer: B

Explanation:

? **Outbound Rule Necessity:** For successful cluster deployment, certain outbound connections must be allowed to ensure proper download and configuration of resources.

? **Critical Destination:** "<https://downloads.cloud.nutanix.com/>" is a critical endpoint from which the Nutanix software and updates are downloaded during the cluster deployment process.

? **Functionality:** Ensuring an outbound rule for this destination allows the deployment to fetch necessary files and updates, enabling smooth cluster setup and operation.

? **Other Destinations:**

? **Conclusion:** Outbound connectivity to "<https://downloads.cloud.nutanix.com/>" is essential for downloading deployment resources.

References:

? Nutanix NC2 on Azure Network Configuration Guide

? Azure Network Security Documentation

NEW QUESTION 2

An administrator is seeking help with an ongoing NC2 issue. After reaching out to Nutanix support, the administrator is introduced to the NC2 specialist who can help troubleshoot the problem.

How can the administrator verify that the NC2 specialist has access to the necessary organizations?

- A. Provide the specialist with the administrator's login credentials.
- B. Confirm the Support Authorization on the organization is set to Full Access.
- C. Add the specialist as an admin user to the organizations.
- D. Ensure the specialist is assigned the RBAC role with proper permissions.

Answer: B

Explanation:

To verify that the NC2 specialist has access to the necessary organizations for troubleshooting the issue, the administrator should:

? **Confirm that the Support Authorization on the organization is set to Full Access.** This

ensures that the NC2 specialist has the required permissions to access the necessary resources and perform the necessary actions to resolve the issue.

Providing login credentials or adding the specialist as an admin user is not recommended due to security and privacy concerns. Ensuring the specialist is assigned the correct RBAC role is another valid approach but confirming the support authorization directly ensures they have the needed access.

References:

? Nutanix Support and Services

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 Host Instance in 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

An administrator is planning to expand an NC2 on Azure cluster.

Which statement is true regarding prerequisites for expanding the cluster?

- A. Cluster must be in a Cluster Stopped state.
- B. Cluster must have at least three nodes.
- C. Cluster must be in a Cluster Connected state.
- D. Cluster must have at least five nodes.

Answer: C

Explanation:

? Cluster State Requirement: To expand a cluster, it must be operational and in a connected state to ensure seamless integration of additional nodes.

? Cluster Stopped State: If the cluster is stopped, it cannot perform expansion operations.

? Minimum Nodes Requirement: There is no minimum node count prerequisite for expanding the cluster as long as the cluster is connected.

? Cluster Connected State: Ensuring the cluster is connected verifies that it is operational and can communicate with additional nodes being added.

? Conclusion: The cluster must be in a Cluster Connected state to expand successfully.

References:

? Nutanix Clusters Expansion Guide

? Azure NC2 Configuration Documentation

NEW QUESTION 6

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 cloud.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.

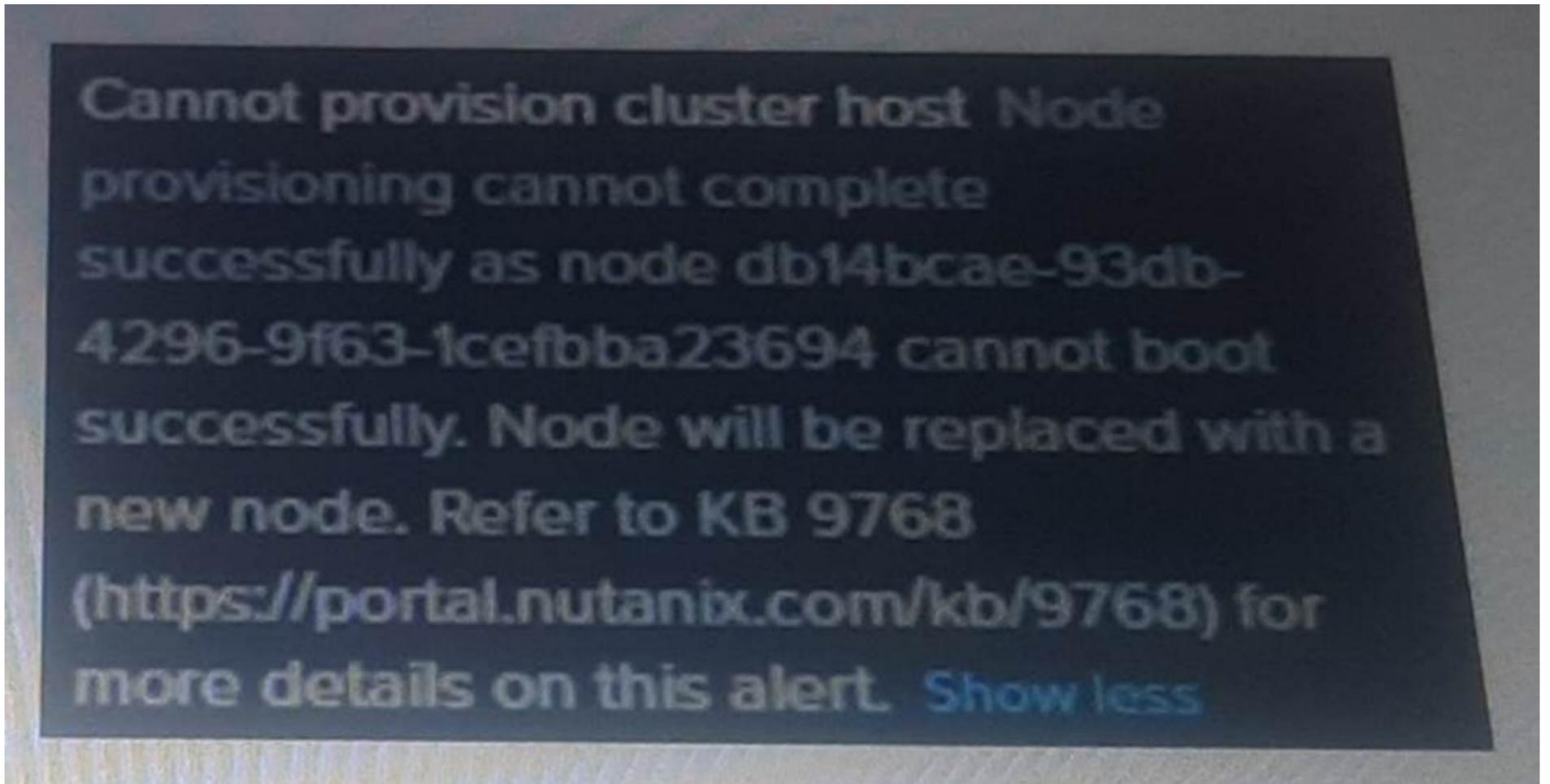
References:

? Nutanix Account Creation Guide

? Getting Started with Nutanix NC2

NEW QUESTION 7

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 8

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 9

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 10

An administrator is trying to determine which type of DNS server to deploy for a networking infrastructure in Azure.

Which DNS server option would require either VPN or ExpressRoute connectivity?

- A. Cloudflare
- B. Azure
- C. On-premises
- D. Google

Answer: C

Explanation:

- ? DNS Server Options:
 - ? Connectivity Requirements:
 - ? Conclusion: An on-premises DNS server would require VPN or ExpressRoute connectivity to be accessible and integrated with the Azure environment.
- References:
- ? Azure DNS Overview
 - ? VPN Gateway Configuration
 - ? ExpressRoute Overview

NEW QUESTION 10

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 15

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 16

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 21

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 26

After creating a new Nutanix User VPC, what is needed to allow traffic to flow out of the Flow gateway VM when using the NATed Path?

- A. Add a default route on the Transit VPC of 0.0.0.0/0 to the Flow Gateway.
- B. Add a default route on the Transit VPC of 0.0.0.0/0 to the Flow Gateway.
- C. Add a default route on the Nutanix User VPC of 0.0.0.0/0 to the External Overlay network.
- D. Edit the External Flow Gateway Security Group on the External NIC to allow outbound traffic.Edit the Internal Flow Gateway Security Group on the internal NIC to allow outbound traffic

Answer: C

Explanation:

? NATed Path Configuration: When using the NATed Path, it is essential to ensure that traffic can flow out of the Flow gateway VM to external networks.

? Default Route: Adding a default route on the Nutanix User VPC ensures that all outbound traffic is directed to the appropriate network gateway.

? Configuration Steps:

? Security Group Settings:

? Conclusion: Properly configuring the default route on the Nutanix User VPC enables outbound traffic flow via the NATed Path through the External Overlay network.

References:

? Nutanix Flow Gateway Configuration Guide

? Azure VPC Routing Documentation

NEW QUESTION 29

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 32

A new subnet needs to be created within Flow Virtual Networking to accommodate a new type of workload in the company??s NC2 Azure instance. Which type of network will satisfy this task?

- A. Underlay
- B. Overlay
- C. VPC
- D. VNET

Answer: B

Explanation:

? Flow Virtual Networking: Nutanix Flow Virtual Networking allows for the creation of overlay networks to segment and manage network traffic.

? Network Types:

? Requirement: Creating a subnet for new workloads within Flow Virtual Networking suggests using an overlay network for logical separation and management.

? Conclusion: An overlay network within Flow Virtual Networking will satisfy the task of accommodating a new type of workload in the NC2 Azure instance.

References:

? Nutanix Flow Networking Guide

? Azure Virtual Network Documentation

NEW QUESTION 36

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 37

Native Azure VMs exist in a subnet (10.20.80.0/20) in the Prism Central VNet that need access to the workload running on the Nutanix User. What needs to be modified to allow access from the native Azure VMs to the workloads running in the Nutanix User VPC?

- A. Remove the ERP value on the transit VPC and Nutanix User VPC.
- B. Change the ERP value to the the subnet range of the native Azure VMs (10.20.80.0/20) on the Transit VPC and the Nutanix User VPC.
- C. Adjust the Inbound Network Security Group on the Flow Gateway VM External NIC to allow traffic 102030.0/20.
- D. Adjust the Inbound Network Security Group on the Flow Gateway VM Internal NIC to allow traffic 102030,0/20.

Answer: D

Explanation:

To allow access from the native Azure VMs to the workloads running in the Nutanix User VPC, the administrator needs to:

? Adjust the Inbound Network Security Group (NSG) on the Flow Gateway VM's Internal NIC.

? Specifically, allow traffic from the subnet range of the native Azure VMs (10.20.80.0/20) in the Inbound rules of the NSG associated with the Internal NIC of the Flow Gateway VM.

This configuration change permits the desired network traffic, ensuring that the native Azure VMs can communicate with the workloads in the Nutanix User VPC.References

? Azure Network Security Groups Overview

? Nutanix Networking and Security Best Practices

NEW QUESTION 40

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 43

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 47

The cluster has the following configuration:

A Transit VPC exists as Default, but is additionally configured with a overlay-external- subnet-nonat overlay subnet

The ERP for the Transit VPC is 10.1.1.0/25 A User VPC exists named User_VPC_Prod The ERP for the User VPC is 10.1.1.0/24

Outbound and inbound routes have been configured

A User VM NO-NAT subnet has been configured in the User VPC

The administrator has successfully created a VM and added the NIC associated with the NO-NAT subnet, but is not able to communication with other resources.

Which option will resolve this issue?

A. The ERP in the User VPC must be from a different CIDR range than the ERP in the transit VPC.

B. Ensure that the security groups associated with the VM allow traffic to and from the desired resources.

C. Verify that the route table associated with the User VPC has appropriate routes to the Transit VPC.

D. Check that the network ACLs for the NO-NAT subnet are not blocking the necessary traffic.

Answer: A

Explanation:

In this scenario, the issue arises from overlapping IP address ranges between the Transit VPC and the User VPC. Here??s a detailed breakdown:

? Understanding ERPs (Elastic Routing Prefixes):

? IP Address Overlap:

? Communication Issue:

? Resolution:

By ensuring that the ERPs are in different CIDR ranges, the network can properly route traffic between the VPCs without any conflicts or ambiguities, thereby enabling the VM in the User VPC to communicate with other resources effectively.

NEW QUESTION 51

What is the minimum number of nodes needed to deploy an RF3 NC2 cluster?

A. 1

B. 3

C. 5

D. 7

Answer: C

Explanation:

? Replication Factor (RF3): RF3 requires that data is replicated across three different nodes to ensure data durability and fault tolerance. This replication scheme allows the system to tolerate the failure of two nodes simultaneously.

? Minimum Node Requirement for RF3: To meet the RF3 requirements while maintaining operational capability, a minimum of five nodes is necessary. This configuration ensures that there are enough nodes to distribute the data and provide the necessary redundancy.

References:

? Nutanix Replication Factor Documentation

? Nutanix NC2 on Azure Deployment Guide

NEW QUESTION 56

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 61

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

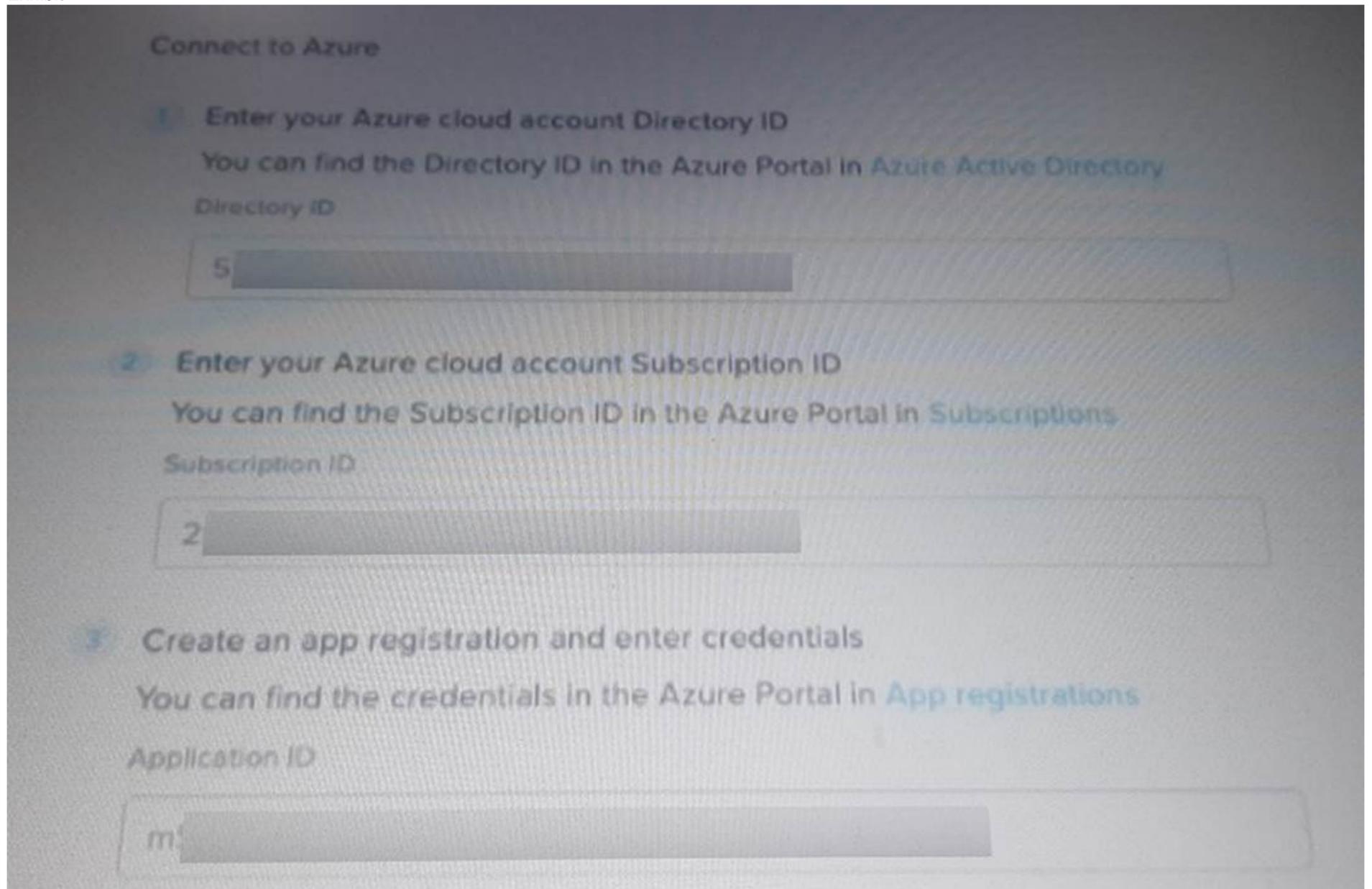
Answer: B

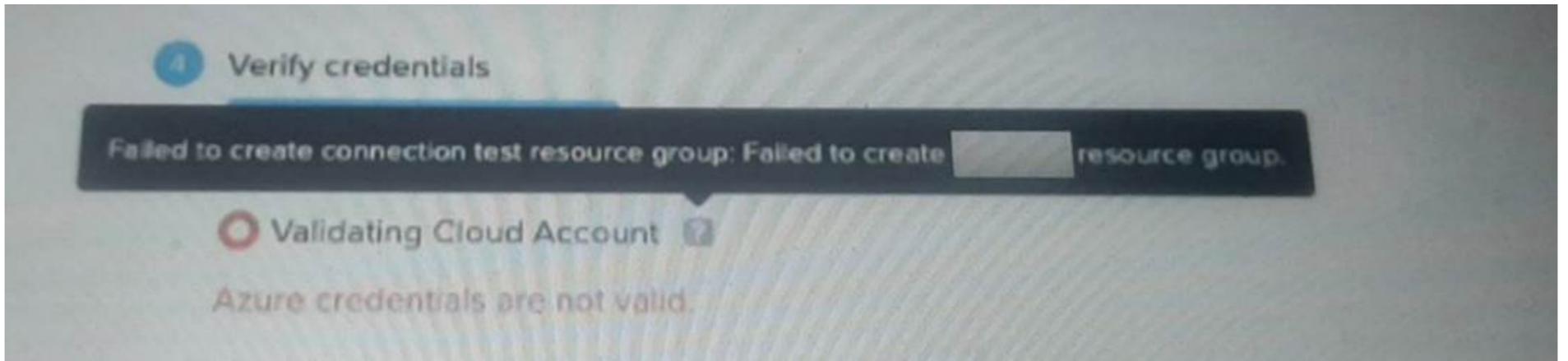
Explanation:

- 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 63

Exhibit





Which action should the administrator take to troubleshoot the error shown in the exhibit?

- A. Check the NC2 organization permissions.
- B. Check the Azure AD App registration Client Secret.
- C. Check the Azure subnet delegation status.
- D. Check the PC VNet is peered correctly.

Answer: B

Explanation:

To troubleshoot the error shown in the exhibit where Azure credentials are not valid and the creation of the resource group failed, the administrator should:
 ? Verify that the Azure AD App registration has been correctly configured, especially the Client Secret.

? Ensure that the Client Secret is valid, has not expired, and matches what has been entered in the configuration.

This step is crucial because an invalid or expired Client Secret would prevent the validation of Azure credentials and the creation of necessary resources.

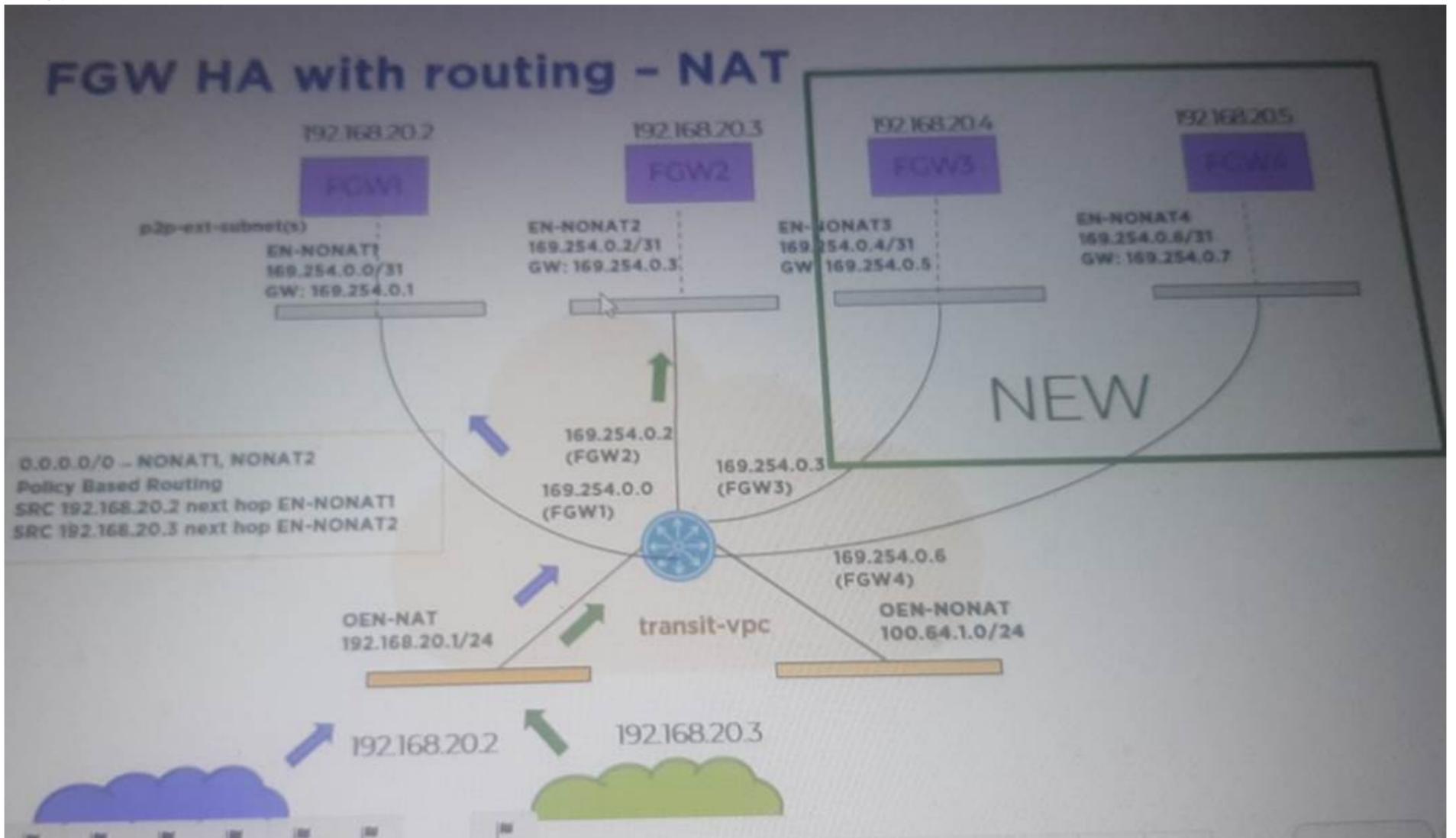
References

? Azure AD App Registration and Secrets Management

? Nutanix Cluster Configuration Documentation

NEW QUESTION 64

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 69

An administrator has been tasked with ensuring NC2 VMs are able to access Azure and on-premises resources. The NC2 VM traffic must not traverse the internet. How can the administrator achieve this?

- A. By using an SSH connection
- B. By using an Interface Endpoint
- C. By using ExpressRoute
- D. By using a Site-to-Site VPN

Answer: C

Explanation:

? Requirement Analysis: The NC2 VMs need to access Azure and on-premises resources without traversing the internet, ensuring secure and direct connectivity.

? Solution Options:

? Conclusion: ExpressRoute is the optimal solution as it offers a private connection that does not involve internet traversal, ensuring secure and efficient access to both Azure and on-premises resources.

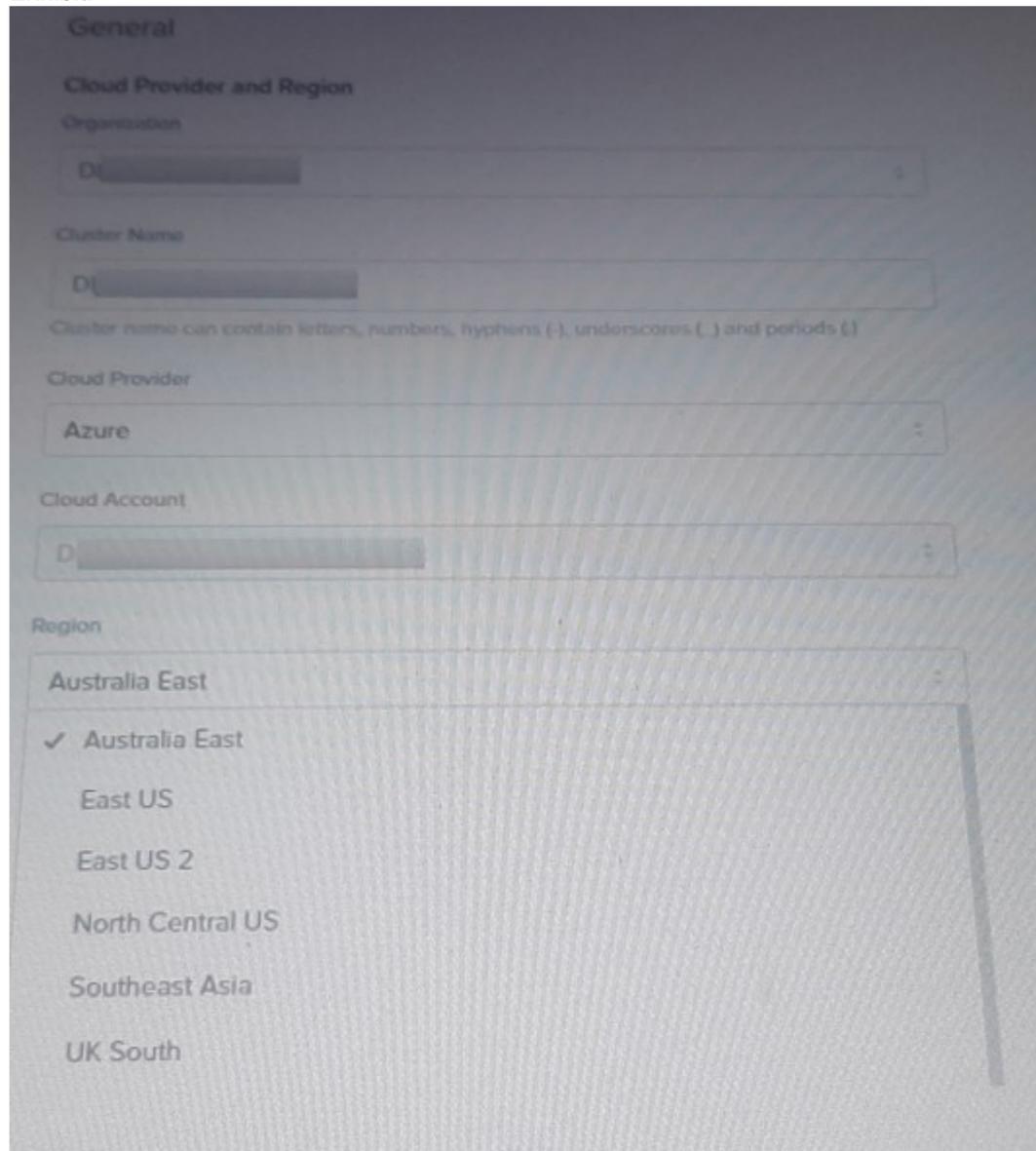
References:

? Azure ExpressRoute Documentation

? Nutanix Clusters on Azure Networking Guide

NEW QUESTION 74

Exhibit.



An administrator is trying to create an NC2 cluster in Azure, but does not see the required region in the drop-down list. Which two steps could the administrator take to resolve this issue? (Choose two.)

- A. Check the Azure subscription is created in the correct region.
- B. Check the list of regions specified under the NC2 organization cloud account.
- C. Check the NC2 Billingconsole to ensure the region is listed.
- D. Ensure that the Azure region is whitelisted for use by Microsoft in the subscription.

Answer: BD

Explanation:

? Check the list of regions specified under the NC2 organization cloud account: The list of available regions in the NC2 console might be restricted based on the configuration of the cloud account associated with the NC2 organization. Verifying this list ensures that the desired region is included and available for cluster creation.

? Ensure that the Azure region is whitelisted for use by Microsoft in the subscription: Sometimes, specific regions need to be explicitly enabled or whitelisted in the

Azure subscription for certain services. This step ensures that the required region is permitted for use within the Azure subscription, allowing the NC2 cluster to be created in that region.

References:

- ? Azure Subscription and Service Limits Documentation
- ? Nutanix NC2 Configuration and Setup Guide

NEW QUESTION 76

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 81

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 84

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