

Nutanix

Exam Questions NCP-CI-Azure

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



NEW QUESTION 1

An administrator is deploying a new cluster on Azure and would like to ensure the data is encrypted. Due to cost constraints the deployment will leverage the native local key manager (LKM).

What is the minimal number of nodes needed to support the Nutanix native LKM?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: C

Explanation:

? Local Key Manager (LKM):The native local key manager in Nutanix requires a minimum number of nodes to function correctly and provide key management services.

? Minimum Node Requirement for LKM:To support the Nutanix native LKM, at least three nodes are needed. This configuration ensures that the key management service can achieve the necessary quorum and redundancy for secure operations.

References:

? Nutanix Data Encryption Documentation

? Nutanix Cluster Configuration Guide

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

An administrator wants to ensure that enough available bandwidth exists for workloads running in an NC2 on Azure cluster environment.

What is the highest number of Flow 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 4

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 5

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 6

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 7

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 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 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 same address space of the Nutanix set VPC
- 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 noticed the company's NC2 free trial expired 60 days ago.

What should the 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 10

An administrator needs to ensure API calls are executing successfully from NC2 to manage Azure resources.

Which cluster outbound to Azure connections are required to satisfy this task?

- A. azure-support.nutan/x.com
- B. portal.azure.com
- C. managementazure.com
- D. apikeys.nutanix.com

Answer: D

Explanation:

? API Key Management: For NC2 to manage Azure resources successfully, it needs to authenticate and authorize API calls. This is typically handled through API keys, which are managed via specific endpoints.

? Required Connection: The endpoint `apikeys.nutanix.com` is crucial for managing these API keys. Ensuring connectivity to this endpoint allows NC2 to verify and utilize the API keys needed for interacting with Azure services.

References:

? Nutanix NC2 API Configuration Guide

? Azure API Management Documentation

NEW QUESTION 14

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 16

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 21

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 the logbay 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 26

An administrator deploys an NC2 cluster in Azure and uses 10.100.0.0/16 for one of the VNets.

The cluster is configured as follows:

* 8 nodes

* Prism Central Deployed

* Files Deployed

Following the deployment, the administrator experiences network connectivity issues. Which reason explains the connectivity issues?

A. The 10.100.0.0/16 range is not a valid CIDR range.

B. 10.100.0.0/16 range is reserved for internal cluster usage.

C. The W.100.0.0/16 range contains too many IP addresses for an NC2 cluster.

D. The 10.100.0.0/16 range is reserved by IANA.

Answer: B

Explanation:

? Network Configuration: Using a specific IP range for a VNet can cause conflicts if that range is reserved or already in use by the cluster's internal operations.

? Internal Usage: In NC2, certain IP ranges are reserved for internal cluster functions and should not be used for VNets to avoid IP conflicts and connectivity issues.

? Impact: If the 10.100.0.0/16 range is reserved for internal usage, using it for a VNet would lead to IP conflicts, causing network connectivity issues.

? Verification: It's important to verify the reserved IP ranges in the NC2 documentation before assigning them to VNets.

? Conclusion: The connectivity issues are likely due to using the 10.100.0.0/16 range, which is reserved for internal cluster usage.

References:

? Nutanix Networking Guidelines

? Azure Virtual Network Documentation

NEW QUESTION 30

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 33

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 37

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 38

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 41

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 45

A company needs to establish connectivity between the on-premises datacenter and Azure. The company does not have the infrastructure for a dedicated connection.

Which method will best satisfy this requirement?

- A. Azure Virtual WAN
- B. VPN
- C. VNet Peering
- D. ExpressRoute

Answer: B

Explanation:

? VPN for Connectivity: A VPN (Virtual Private Network) allows secure connectivity between the on-premises datacenter and Azure over the public internet without requiring dedicated infrastructure.

? Ease of Setup: VPNs are typically easier and quicker to set up compared to dedicated connections like ExpressRoute, making them suitable for organizations without existing dedicated connection infrastructure.

References:

? Azure VPN Gateway Documentation

? Nutanix NC2 Connectivity Guide

NEW QUESTION 50

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.

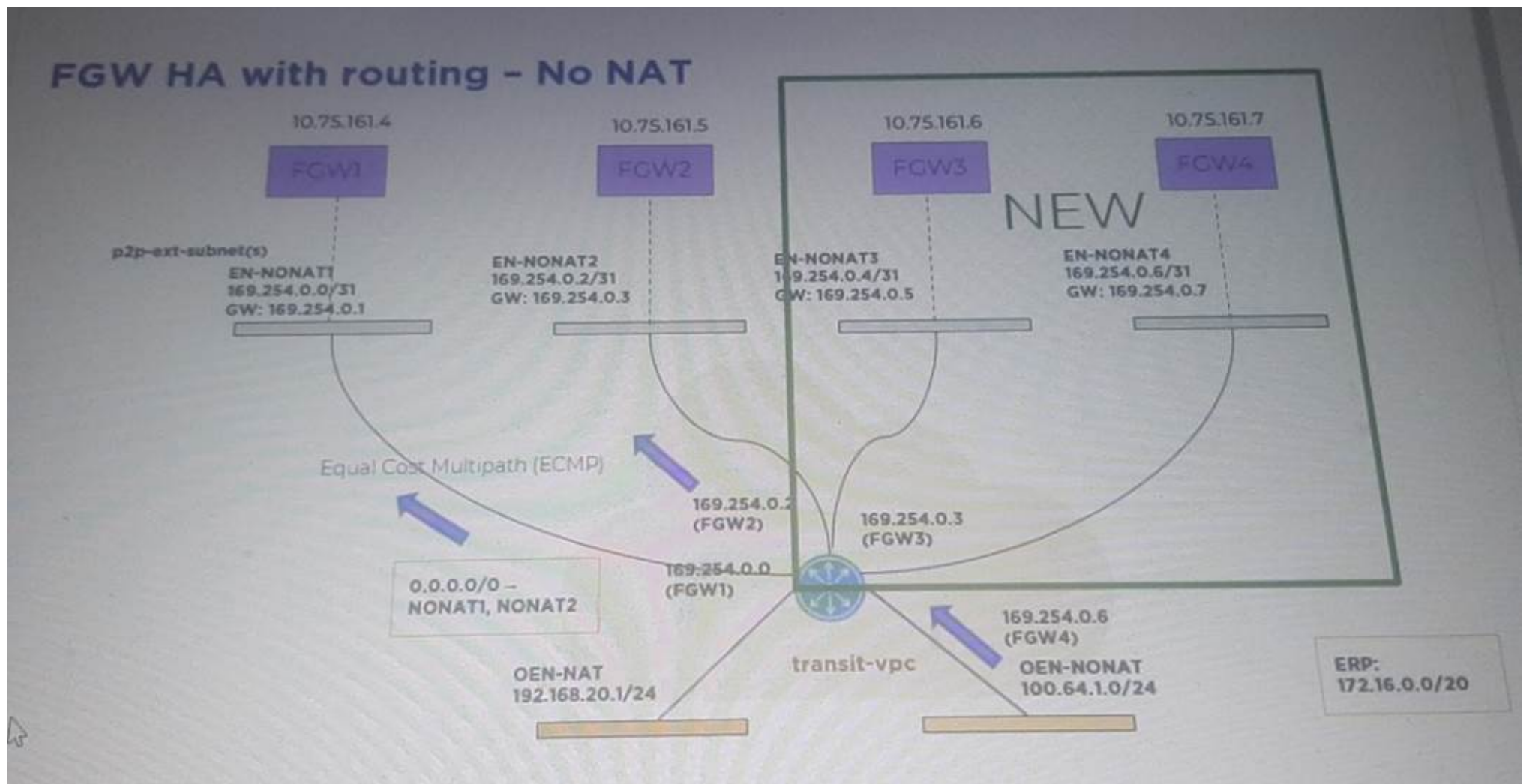
References:

? Nutanix NC2 on Azure Setup Guide

? Azure Active Directory Integration

NEW QUESTION 51

Exhibit.



AN NC2 on Azure Cluster was deployed with two Flow gateways 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. 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 No-Nat (routed) traffic path?

- A. Only the Flow Gateway that each workload was originally using.
- B. All Flow Gateways can be used.
- C. All Flow Gateways can be used after the existing workloads reboot.
- D. FGW1&FGW2 only, new workloads can use FGW3 & FGW4.

Answer: B

Explanation:

In the scenario presented, the NC2 cluster was initially deployed with two Flow Gateways (FGW1 and FGW2) in HA. After adding four bare-metal nodes and additional workloads, two more Flow Gateways (FGW3 and FGW4) were added to handle the increased bandwidth for north/south traffic. Given the configuration, the existing workloads can utilize all available Flow Gateways (FGW1, FGW2, FGW3, and FGW4) for No-NAT (routed) traffic paths. This setup allows for Equal Cost Multipath (ECMP) routing, distributing traffic load across all Flow Gateways.

References

? Nutanix Flow Networking

NEW QUESTION 56

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 61

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 configure 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 66

An administrator has been tasked with scoping an NC2 on Azure deployment. One of the requirements is to ensure that the bare metal instance will support up to 20 TB of storage capacity.

Which bare metal instance should the administrator choose?

- A. ND96asr
- B. AN36P
- C. AN36
- D. HB176rs

Answer: B

Explanation:

? Storage Capacity Requirement: The requirement specifies that the bare metal instance must support up to 20 TB of storage capacity.

? Instance Selection: Among the provided options, the AN36P instance is designed to support higher storage capacities and performance needs.

? AN36P Capabilities: The AN36P instance is optimized for storage-intensive applications and provides the necessary hardware specifications to handle up to 20 TB of storage.

? Comparison with Other Instances:

? Conclusion: Based on the requirements and instance specifications, AN36P is the most suitable choice for supporting up to 20 TB of storage.

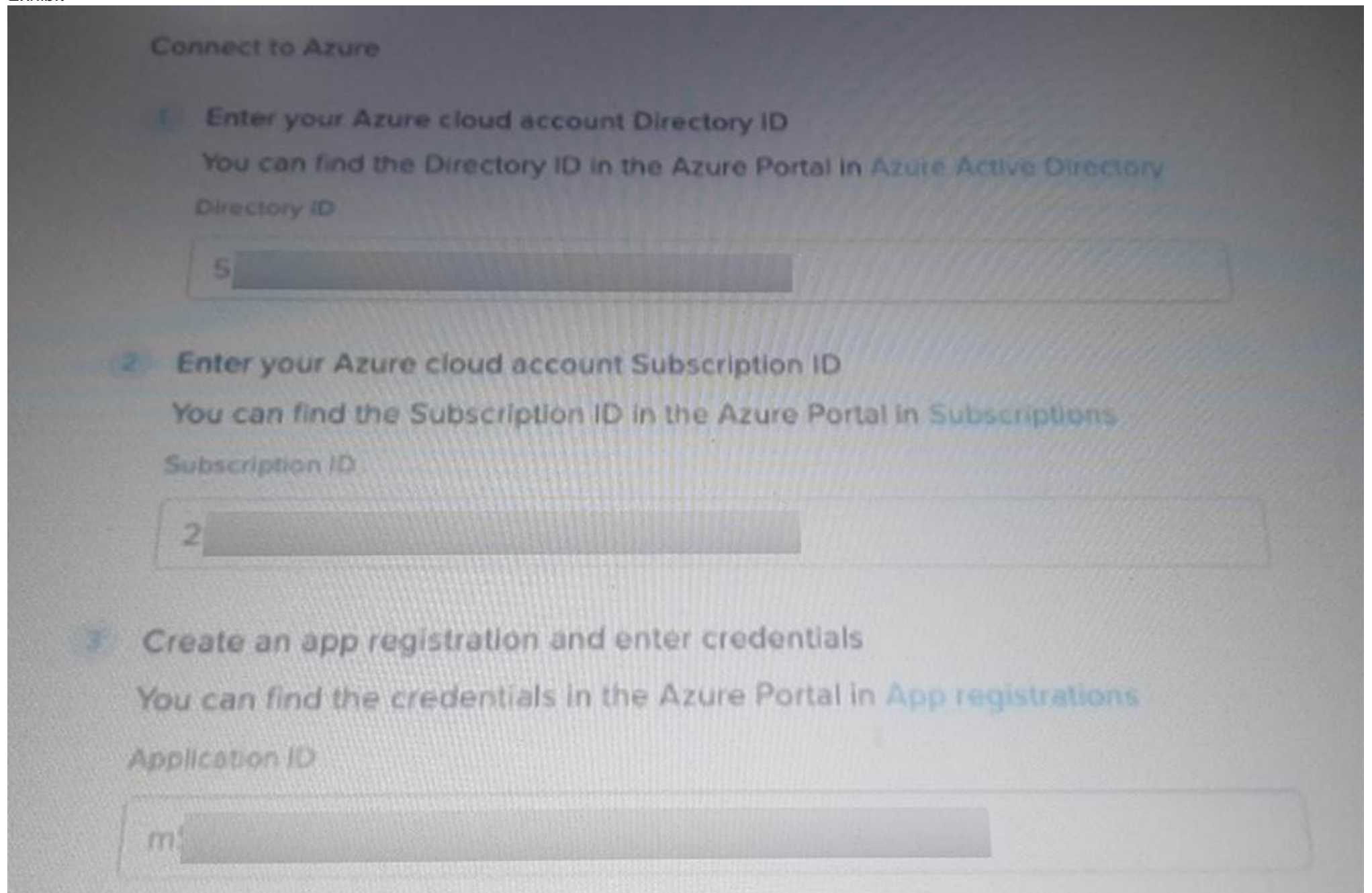
References:

? Nutanix NC2 Instance Types

? Azure Virtual Machine Sizes

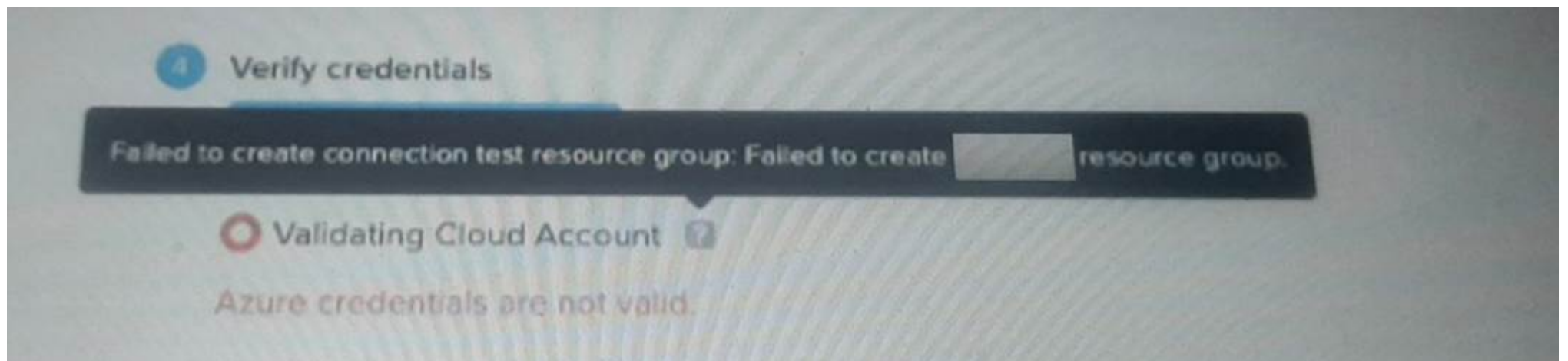
NEW QUESTION 69

Exhibit



Connect to Azure

- Enter your Azure cloud account Directory ID**
 You can find the Directory ID in the Azure Portal in [Azure Active Directory](#)
 Directory ID
 5
- Enter your Azure cloud account Subscription ID**
 You can find the Subscription ID in the Azure Portal in [Subscriptions](#)
 Subscription ID
 2
- Create an app registration and enter credentials**
 You can find the credentials in the Azure Portal in [App registrations](#)
 Application ID
 m



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 71

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 72

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.

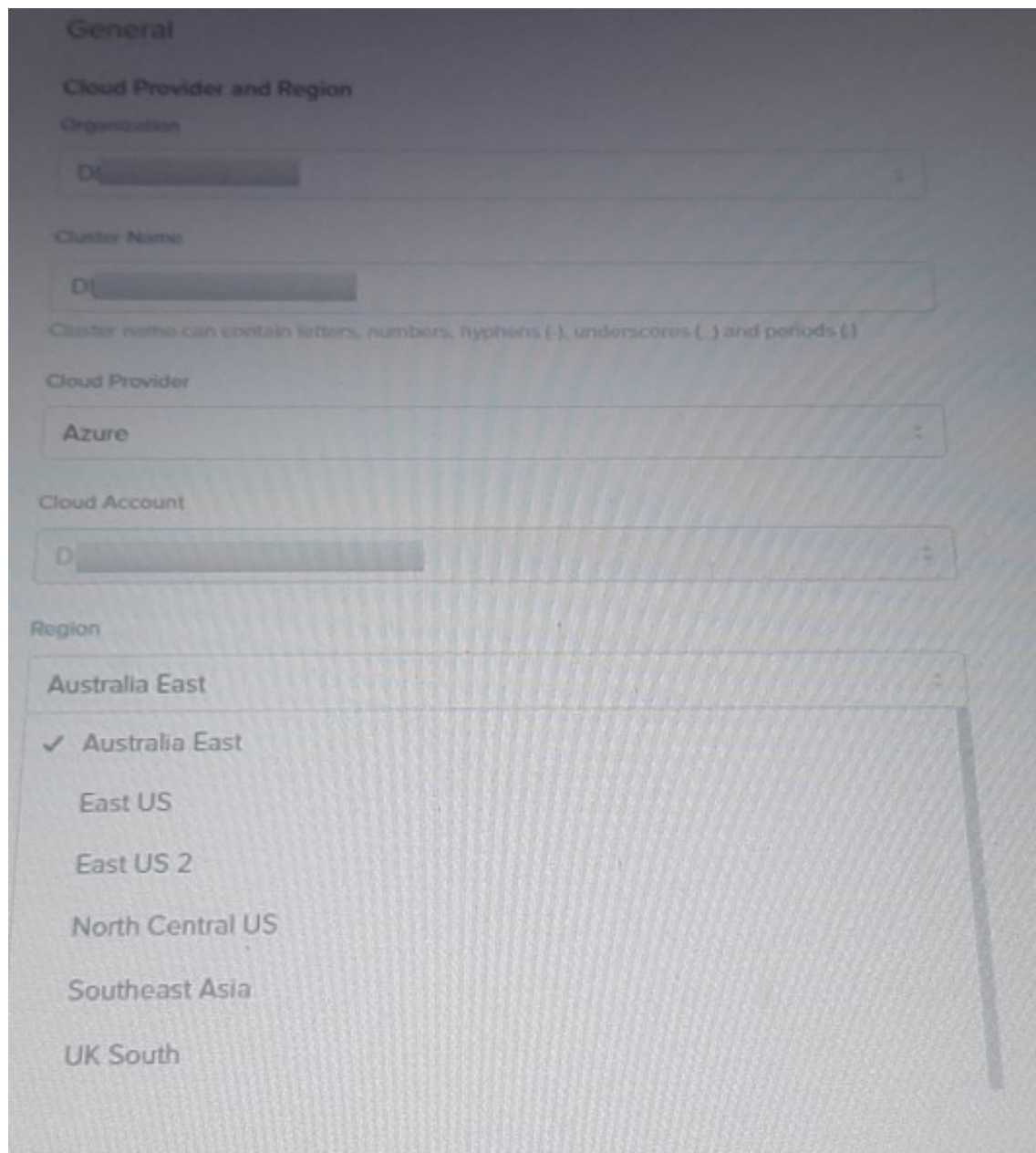
References:

? Azure ExpressRoute Documentation

? Nutanix Clusters on Azure Networking Guide

NEW QUESTION 74

Exhibit.



The screenshot shows the 'General' configuration page for an NC2 cluster. The 'Cloud Provider and Region' section includes the following fields:

- Organization:** A text input field containing 'D'.
- Cluster Name:** A text input field containing 'D'. Below it, a note states: 'Cluster name can contain letters, numbers, hyphens (-), underscores (_) and periods (.)'.
- Cloud Provider:** A dropdown menu with 'Azure' selected.
- Cloud Account:** A dropdown menu with 'D' selected.
- Region:** A dropdown menu with a list of regions: Australia East, East US, East US 2, North Central US, Southeast Asia, and UK South. 'Australia East' is currently selected.

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 77

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 78

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 83

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 86

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: 10.0.0.0/25

*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 90

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