Number: NCP-CI-Azure
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Exam Code: NCP-CI-Azure

Exam Name: Nutanix Certified Professional - Cloud Integration - Azure v6.7

Exam A

QUESTION 1
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

Correct Answer: C
Section:
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:
Ensure that DNS settings allow resolution of 'Gateway-external-api.cloud.nutanix.com'.
Test connectivity and resolution prior to deployment to avoid issues.
Importance: Without resolving this address, the deployment process might face connectivity issues, leading to potential deployment failures.
Nutanix NC2 on Azure Setup Guide
Azure Active Directory Integration

QUESTION 2
Which resource is capable of being connected to a private endpoint as it is not displayed on delegated subnets?

A. User VMs
B. Prism Central
C. Hosts
D. CVMs

Correct Answer: B
Section:
Explanation:
Private Endpoint: Private Endpoints allow secure access to Azure services over a private network connection. They do not typically appear on delegated subnets, which are used for specific Azure services.
Prism Central Connectivity: Prism Central can be connected to a private endpoint to ensure secure communication without exposing it to the public internet. This setup ensures secure and private management of the Nutanix environment.
Azure Private Endpoint Documentation
Nutanix NC2 Deployment and Security Guide

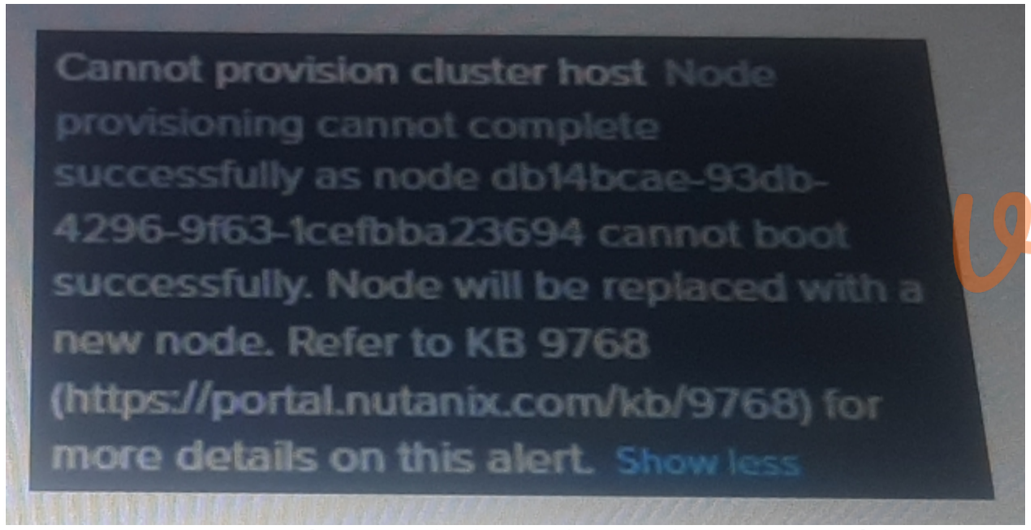
QUESTION 3
An administrator deploys a new NC2 cluster in Azure in a new subscription. No VPN or Express Route exists.
Which two actions will allow the administrator access to Prism Central to start the configuration? (Choose two.)

A. Deploy a Jump Host VM instance in an external VNet and peer the VNets.

B. Deploy a Jump Host VM instance and NAT Gateway in an external VNet and peer the VNets.
C. Deploy a Jump Host VM instance in the Prism Central VNet inside a delegated subnet.
D. Deploy a Jump Host VM instance in the Prism Central VNet inside a non-delegated subnet.

Correct Answer: A, C
Section:
Explanation:
Jump Host VM in External VNet with VNet Peering:
Deploy Jump Host VM: Deploy a VM in an external VNet that is not within the same network as Prism Central.
VNet Peering: Establish VNet peering between the external VNet and the Prism Central VNet. This allows the Jump Host to communicate with Prism Central securely.
Jump Host VM in Prism Central VNet Inside a Delegated Subnet:
Deploy Jump Host VM: Deploy the Jump Host VM directly in the Prism Central VNet within a delegated subnet. This places the Jump Host in the same network environment as Prism Central, allowing direct access.
Azure VNet Peering Documentation
Nutanix NC2 Networking and Access Configuration Guide

QUESTION 4
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.

Correct Answer: B
Section:
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.
Nutanix KB 9768 for troubleshooting deployment issues: KB 9768

Azure Region Availability Documentation
Nutanix NC2 on Azure Deployment Guide

QUESTION 5
A company wants to start using Nutanix Cloud Clusters (NC2) in Azure. The company has large spend commitments as part of a Microsoft Azure Consumption Commitment (MACC) totaling $15 million.
What approach should the administrator take to ensure the Nutanix licensing costs apply to the MACC?

A. Request a trial directly from Nutanix.
B. Leverage existing Nutanix licenses
C. Purchase Nutanix licenses through the Azure Marketplace.
D. Purchase Nutanix licenses directly from Nutanix and contact Microsoft support.

Correct Answer: C
Section:
Explanation:
Microsoft Azure Consumption Commitment (MACC): To ensure that the Nutanix licensing costs apply to the MACC, the company needs to make purchases that are recognized by Azure's billing system.
Azure Marketplace Purchases: By purchasing Nutanix licenses through the Azure Marketplace, the costs will be included in the Azure billing and count towards the MACC, thereby leveraging the committed spend.
Azure Marketplace Documentation
Nutanix Licensing Guide

QUESTION 6
An administrator needs the permission to create and manage multiple organizations and clusters in NC2, as well as manage user access for the entire company.
What role should be assigned to meet the minimum requirements of this task?

A. Customer Administrator
B. Cluster Administrator
C. Customer Security Administrator
D. Organization Administrator

Correct Answer: A
Section:
Explanation:
Role Requirements: The task involves creating and managing multiple organizations and clusters, along with managing user access across the company.
Role Capabilities: The 'Customer Administrator' role is designed to provide extensive administrative capabilities, including:
Creating and managing organizations.
Managing clusters.
Handling user access and permissions.
Comparison of Roles:
Cluster Administrator: Primarily focuses on managing individual clusters but does not encompass organization-wide administrative tasks.
Customer Security Administrator: Focuses on security-related tasks and does not have broad administrative capabilities across organizations and clusters.
Organization Administrator: Manages organizational settings but might not cover all aspects needed for multiple clusters and user access management.
Conclusion: The 'Customer Administrator' role meets all the requirements for managing organizations, clusters, and user access comprehensively.
Nutanix Role-Based Access Control Documentation
NC2 on Azure User Roles Guide

QUESTION 7
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/*

Correct Answer: B
Section:
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:
Https://portal.nutanix.com/: Used for accessing the Nutanix portal, not directly related to deployment downloads.
Https://support.nutanix.com/: Used for support-related tasks, not for deployment-specific downloads.
https://nutanix.dev/: Related to development and API documentation, not necessary for initial deployment.
Conclusion: Outbound connectivity to 'Https://downloads.cloud.nutanix.com/*' is essential for downloading deployment resources.
Nutanix NC2 on Azure Network Configuration Guide
Azure Network Security Documentation

QUESTION 8
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

Correct Answer: B
Section:
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:
14 nodes: Less than the maximum supported.
24 nodes and 28 nodes: Exceed the maximum supported, potentially leading to performance and management issues.
Conclusion: For supporting new workloads, the maximum number of nodes in an NC2 on Azure environment is 18.
Nutanix Clusters on Azure Technical Specifications
Azure Virtual Machine Scale Sets Documentation

QUESTION 9
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 provided encryption.
D. Multiple remote Availability Zones exist to add to the same VTEP-based extended Layer 2 subnet.

Correct Answer: A, D
Section:
Explanation:
Scenario Analysis:
A . Connectivity between sites already provides encryption: Using VTEP in this scenario is advantageous because VTEP does not inherently provide encryption. If encryption is already provided, VTEP can be effectively used without additional security concerns.
D . Multiple remote Availability Zones exist to add to the same VTEP-based extended Layer 2 subnet: VTEP is well-suited for scenarios where multiple remote Availability Zones need to be connected to the same extended Layer 2 subnet. This allows for efficient management and seamless connectivity across different zones.
Scenarios B and C:
B . Only one remote Availability Zone exists that needs the subnet extended: This scenario does not leverage the strengths of VTEP, as it is better suited for multiple zones.
C . Connectivity between sites already does not provide encryption: Using VTEP without existing encryption is not ideal as VTEP itself does not encrypt the traffic.
Conclusion: VTEP is advantageous when encryption is already in place and when multiple remote zones need to be connected to the same extended subnet.
Nutanix NC2 Networking Guide
Azure Networking Documentation

QUESTION 10
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

Correct Answer: D
Section:
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.
Nutanix Networking Documentation
Azure Virtual Network Documentation

QUESTION 11
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.

Correct Answer: C
Section:
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.
Nutanix Clusters Expansion Guide
Azure NC2 Configuration Documentation

QUESTION 12
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.

Correct Answer: C
Section:
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.
Nutanix Account Creation Guide
Getting Started with Nutanix NC2

QUESTION 13
Which statement best describes south bound traffic to a Nutanix User VPC originating outside the BC2 cluster when using a no-NAT (routed path) having two or more Flow Gateways (FGW)?

A. A BGP gateway runs on the CVM of the bare-metal hosts. The BGP gateway advertises externally routable IP addresses to the Azure Route Server, with each active FGW external IP address the next hop.
B. A BGP gateway runs inside of Prism Central. The BGP gateway advertises externally mutable IP addresses to the Azure Route Server, with each active FGW external IP address as the next hop.
C. A BGP gateway is deployed as Azure native VMs in the Prism Central VNet. The BGP gateway advertises externally routable IP addresses to the Prism Central, with each active FGW external IP address as the next hop.
D. A BGP gateway is deployed as Azure native VMs in the Prism Central VNet. The BGP gateway advertises externally routable IP addresses to the Azure Route Server, with each active FGW external IP address as the next hop.

Correct Answer: D
Section:
Explanation:
BGP Gateway Deployment: The BGP gateway is deployed as Azure native VMs within the Prism Central VNet. This deployment ensures seamless integration with Azure's networking infrastructure.

Route Advertisement: The BGP gateway advertises the externally routable IP addresses to the Azure Route Server. This setup allows for dynamic routing and efficient traffic management.
Flow Gateways (FGW) as Next Hops: Each active Flow Gateway's external IP address is used as the next hop. This configuration ensures that southbound traffic is correctly routed to the appropriate Flow Gateway, providing efficient and reliable connectivity.
Nutanix NC2 Networking Guide
Azure Route Server and BGP Documentation

QUESTION 14
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. Nothing. The clusters will have full feature support.
C. Contact the cloud vendor.
D. Contact Nutanix support to redeploy the cluster.

Correct Answer: A
Section:
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.
Nutanix Subscription and Billing Documentation
Nutanix NC2 Support and Subscription Guide

QUESTION 15
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

Correct Answer: B
Section:
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.
Nutanix NC2 Deployment Guide
Nutanix Console Documentation

QUESTION 16
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

Correct Answer: A, C
Section:
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. Reference
Azure VPN Gateway
Azure ExpressRoute Overview

QUESTION 17
Which wen interface should be used to most efficiently terminate a Nutanix cloud cluster?

A. AWS Console
B. Prism Element Console
C. NC2 Console
D. Prism Central Console

Correct Answer: C
Section:
Explanation:
To efficiently terminate a Nutanix cloud cluster, the NC2 (Nutanix Cloud Clusters) Console should be used. The NC2 Console provides the necessary tools and interface specifically designed for managing and terminating Nutanix clusters within cloud environments, ensuring a seamless and efficient process. Reference
Nutanix Cloud Clusters Documentation

QUESTION 18
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 you own License (BYOL)

Correct Answer: A
Section:
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. Reference
Nutanix Cloud Clusters Pricing and Plans

QUESTION 19
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.

Correct Answer: C
Section:
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.
Nutanix NC2 on Azure Documentation
Azure Subscription Management

QUESTION 20
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

Correct Answer: B
Section:
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:
ND96asr: Typically optimized for GPU workloads rather than storage.
AN36: May not meet the 20 TB storage requirement.
HB176rs: Geared towards high-performance computing rather than large storage capacities.
Conclusion: Based on the requirements and instance specifications, AN36P is the most suitable choice for supporting up to 20 TB of storage.
Nutanix NC2 Instance Types
Azure Virtual Machine Sizes

QUESTION 21
An organization want to use existing Azure resources to deploy NC2.
What is a valid requirement to use existing Azure resources for this task?

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

Correct Answer: B

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

QUESTION 22
An administrator wants to ensure that enough available bandwidth exits for workloads running in an NC2 on Azure cluster environment.
What is the highest number of Flew Gateway VMs that can be deployed within this environment?

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

Correct Answer: D
Section:
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.
Nutanix Clusters Networking Guide
Azure Network Performance Documentation

QUESTION 23
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 taffic

Correct Answer: C
Section:
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:
Navigate to the routing settings of the Nutanix User VPC.
Add a default route with the destination of 0.0.0.0/0, pointing to the External Overlay network.
Security Group Settings:
Ensure that the External Flow Gateway Security Group on the External NIC allows outbound traffic.
Ensure that the Internal Flow Gateway Security Group on the internal NIC allows outbound traffic (if needed for internal network flows).
Conclusion: Properly configuring the default route on the Nutanix User VPC enables outbound traffic flow via the NATed Path through the External Overlay network.
Nutanix Flow Gateway Configuration Guide

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Azure VPC Routing Documentation

QUESTION 24
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

Correct Answer: B, C
Section:
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:
Microsoft.Network: This provider is essential for networking functionalities, including virtual networks, subnets, and other network resources necessary for NC2 deployment.
Microsoft.Nutanix: This provider is specifically required for integrating and managing Nutanix resources within the Azure environment.
Other Providers:
Microsoft.HybridNetwork and Microsoft.HybridCompute: These are not specifically required for NC2 but might be relevant for other hybrid or extended network configurations.
Conclusion: Registering both 'Microsoft.Network' and 'Microsoft.Nutanix' ensures that all necessary network and Nutanix-specific resources are available for NC2 deployment.
Azure Resource Providers Documentation
Nutanix on Azure Setup Guide

QUESTION 25
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

Correct Answer: C
Section:
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:
SSH Connection: Suitable for individual remote access, not for full VM connectivity to Azure and on-premises resources.
Interface Endpoint: Facilitates private connectivity to specific Azure services, but not comprehensive for all resources.
ExpressRoute: Provides private, dedicated connectivity between Azure and on-premises environments. This ensures that traffic does not traverse the public internet, meeting the security and performance requirements.
Site-to-Site VPN: Provides secure connectivity but can involve traversing the internet, which is against the requirements.
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.
Azure ExpressRoute Documentation
Nutanix Clusters on Azure Networking Guide

QUESTION 26
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?

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

Correct Answer: C
Section:
Explanation:
DNS Server Options:
Cloudflare: A public DNS service that operates over the internet.
Azure: Azure DNS operates within the Azure cloud and does not require VPN or ExpressRoute for connectivity within Azure.
On-premises: Requires a secure connection, such as VPN or ExpressRoute, to be accessible from Azure, as it resides outside the Azure cloud.
Google: Another public DNS service accessible over the internet.
Connectivity Requirements:
On-premises DNS: To integrate on-premises DNS with Azure, secure connectivity (VPN or ExpressRoute) is necessary to ensure seamless and secure communication between the on-premises infrastructure and Azure resources.
Conclusion: An on-premises DNS server would require VPN or ExpressRoute connectivity to be accessible and integrated with the Azure environment.
Azure DNS Overview
VPN Gateway Configuration
ExpressRoute Overview