

Nutanix.NCP-CI-Azure.v2024-09-19.q33

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NEW QUESTION: 1

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 (LEAVE A REPLY)

* 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: 2

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.

Answer: A,C (LEAVE A REPLY)

* 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.

References:

* Azure VNet Peering Documentation

* Nutanix NC2 Networking and Access Configuration Guide

NEW QUESTION: 3

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: (SHOW ANSWER)

* 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: 4

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 (LEAVE A REPLY)

* 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.

References:

* Azure DNS Overview

* VPN Gateway Configuration

* ExpressRoute Overview

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 (LEAVE A REPLY)

* 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.

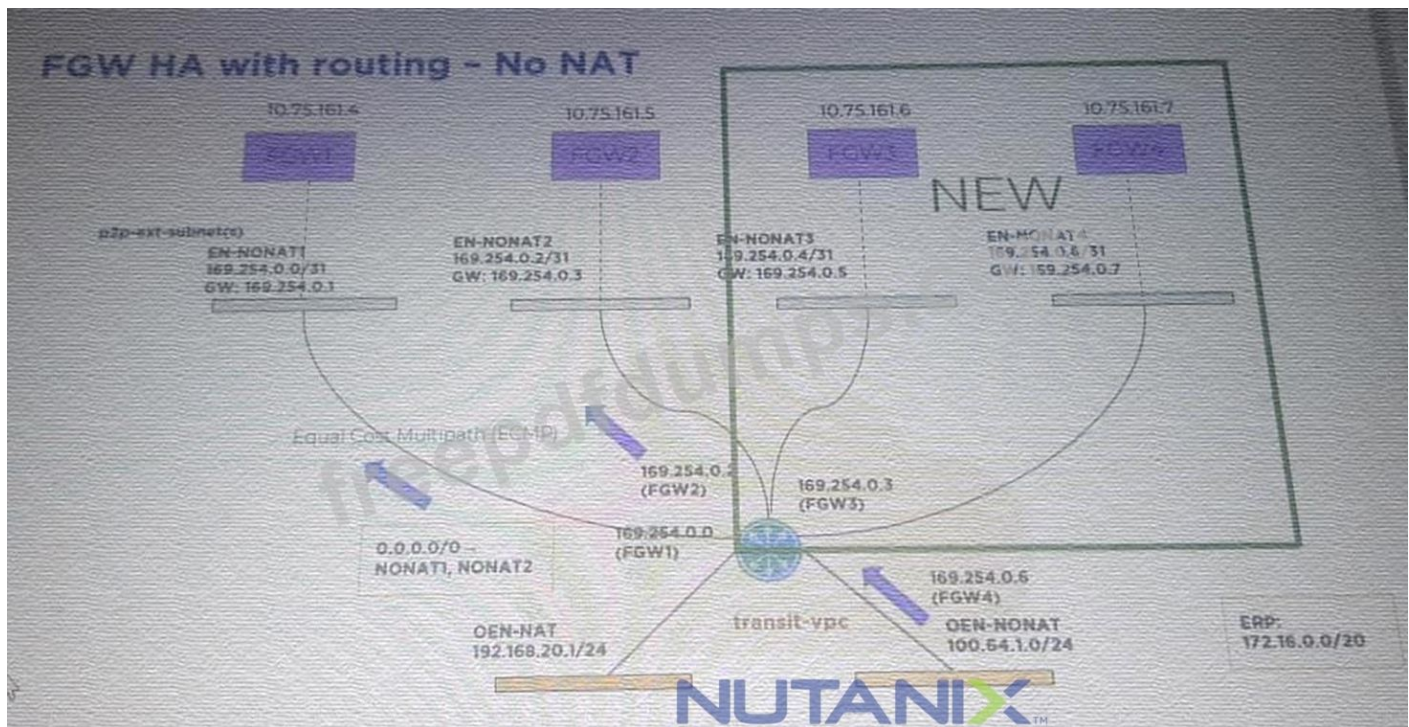
* Conclusion: The cluster must be in a Cluster Connected state to expand successfully.

References:

* Nutanix Clusters Expansion Guide

NEW QUESTION: 6

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 (LEAVE A REPLY)

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: 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/>*

Answer: B (LEAVE A REPLY)

* 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.

References:

* Nutanix NC2 on Azure Network Configuration Guide

* Azure Network Security Documentation

NEW QUESTION: 8

Which interface must be used to deploy NC2?

- A. Foundation running in a Cloud Virtual Machine
- B. Cloud Provider portal
- C. NC2 Tile within the my.nutanix.com portal
- D. Prism Central Dashboard

Answer: C (LEAVE A REPLY)

* my.nutanix.com Portal: This portal provides access to various Nutanix services and features, including the NC2 deployment interface.

* NC2 Tile: The NC2 tile within the portal is specifically designed for deploying and managing Nutanix Cloud Clusters. It provides the necessary tools and settings to initiate and configure NC2 clusters on Azure or other cloud environments.

References:

- * Nutanix NC2 Deployment Guide
- * my.nutanix.com Portal Documentation

NEW QUESTION: 9

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 (LEAVE A REPLY)

- * 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: 10

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 (LEAVE A REPLY)

- * 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: 11

When configuring permissions for an Azure subscription, which role is required to delegate minimum permissions for the Azure AD App registration?

- A.** Azure user Access Administrator role
- B.** Azure Reader role
- C.** Azure Contributor role
- D.** Azure Custom role defined by Nutanix

Answer: A (LEAVE A REPLY)

* Azure AD App Registration: When setting up an application registration in Azure AD, specific permissions are required to delegate access.

* User Access Administrator Role: This role has the necessary permissions to manage user access to

* Azure resources, including delegating permissions for app registrations.

* Comparison of Roles:

* Azure Reader Role: Grants read-only access, insufficient for managing app registrations.

* Azure Contributor Role: Allows creation and management of resources but does not include permissions to manage access.

* Azure Custom Role: While it can be defined to meet specific needs, the User Access Administrator role is predefined to handle access delegation.

* Conclusion: The Azure User Access Administrator role is required to delegate minimum permissions for Azure AD App registration.

References:

- * Azure Role-Based Access Control Documentation
- * Azure AD App Registration Guide

NEW QUESTION: 12

An on-premises network has been extended to Azure with a VPN/ExpressRoute. The routing and peering of VNets is setup and has been confirmed to be correct.

Which statement best describes the state of the traffic flow between the on-prem CVMs and the NC2 CVMs in Azure?

- A.** The Network Security Group of the Flow Gateway VM on the Internal NICs will need to be edited to enable the traffic flow.
- B.** A ticket will need to be put in with Microsoft support to open the subnet ranges from on-premises.

- C. Traffic will flow directly to the NC2 CVMs. Nothing will block the path by default.
- D. The Network Security Group of the Flow Gateway VM on the External NICs will need to be edited to enable the traffic flow.

Answer: A (LEAVE A REPLY)

* Network Security Groups (NSGs): NSGs control the inbound and outbound traffic to and from Azure resources. For traffic between on-premises CVMs and NC2 CVMs in Azure, the NSGs associated with the Flow Gateway VM's Internal NICs must be configured to allow the required traffic.

* Editing NSGs: To enable traffic flow, specific rules must be added to the NSGs to permit traffic from the on-premises network to the NC2 environment. This includes specifying the appropriate source and destination IP ranges and the necessary ports and protocols.

References:

- * Azure Network Security Groups Documentation
- * Nutanix NC2 Networking Configuration Guide

NEW QUESTION: 13

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 (LEAVE A REPLY)

* 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: 14

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 (LEAVE A REPLY)

* 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.

References:

* Azure ExpressRoute Documentation

* Nutanix Clusters on Azure Networking Guide

NEW QUESTION: 15

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

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

A. Purchasing an Azure savings plan

B. Allowlisting the Azure Subscription

C. Creating an App Registration

D. Configure VPN for connectivity

Answer: B,C (LEAVE A REPLY)

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

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

References:

* Nutanix Documentation on NC2 Setup

* Azure Active Directory Application Registration Guide

NEW QUESTION: 16

An administrator is tasked with creating a new subnet for a group of VMs that require inbound internet access.

Internal private addresses must be obscured to servers on the public internet.

Which network is best suited for satisfying this requirement?

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

Answer: D (LEAVE A REPLY)

* NAT Based Network: A NAT-based network is designed to provide inbound and outbound internet access while obscuring the internal private addresses. This setup uses Network Address Translation (NAT) to map internal IP addresses to a public IP address, ensuring that internal addresses are not exposed to the public internet.

* Security and Connectivity: NAT provides a layer of security by hiding internal IP addresses and allowing controlled access to external resources. This configuration is well-suited for VMs that need to communicate with servers on the public internet while maintaining the privacy of their internal network addresses.

References:

- * Azure Virtual Network NAT Documentation
- * Nutanix Networking and Security Configuration Guide

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NEW QUESTION: 17

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 (LEAVE A REPLY)

* 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: 18

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.

Answer: (SHOW ANSWER)

* 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.

References:

* Nutanix NC2 Networking Guide

* Azure Route Server and BGP Documentation

NEW QUESTION: 19

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 collect command.
- C.** SSH to the PCVM and use the logbay collect command.
- D.** Login to Prism Element Web Console to generate a Logbay bundle.

Answer: (SHOW ANSWER)

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 collect command 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: 20

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: (SHOW ANSWER)

- * 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: 21

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

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

Answer: D (LEAVE A REPLY)

* Log Modules in Prism Central:When configuring a syslog server, different log modules can be selected to send logs to an external syslog server for centralized logging and analysis.

* Acropolis Logs:The Acropolis module captures logs related to the Acropolis Hypervisor (AHV), including virtual machine operations, storage operations, and other critical functions within the Nutanix environment.

References:

- * Nutanix Prism Central Administration Guide
- * Nutanix Acropolis Documentation

NEW QUESTION: 22

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 (LEAVE A REPLY)

* 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: 23

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 (LEAVE A REPLY)

- * 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: 24

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: (SHOW ANSWER)

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: 25

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

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

Answer: (SHOW ANSWER)

* Valid CIDR Range:When deploying an NC2 cloud cluster in Azure, a valid CIDR range is necessary to define the IP address space for the cluster and its associated networks. This range ensures that there are no conflicts with existing network configurations and provides sufficient addresses for the cluster resources.

* My Nutanix Account:A my.nutanix.com account is required to access Nutanix services and manage NC2 deployments. This account allows administrators to log in, configure settings, and manage their Nutanix environment on Azure.

References:

* Nutanix NC2 on Azure Deployment Guide

* Azure Virtual Network Documentation

NEW QUESTION: 26

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: (SHOW ANSWER)

* 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: 27

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: A,B (LEAVE A REPLY)

- * NC2 on Azure Deployment: Deploying Nutanix clusters in Azure involves configuring various components, each needing appropriate network isolation and configuration.
- * Components and vNets:
- * Bare-metal instance: Requires its own vNet to ensure proper network isolation and performance.
- * Prism Central: Needs a dedicated vNet to manage and monitor the Nutanix environment, ensuring it has the required network access and isolation.
- * Azure Load Balancer: Does not require its own vNet but needs to be associated with the appropriate vNet where services are deployed.
- * Virtual Network Gateway: Is used for VPN connections but does not necessitate a separate vNet; it operates within an existing vNet.
- * 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: 28

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

To achieve this the administrator manually creates the PC and Host VNets in Azure.

What additional Azure Network components must the administrator manually create?

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

Answer: (SHOW ANSWER)

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

References:

- * Azure Virtual Network Documentation
- * Nutanix NC2 Networking Setup Guide

NEW QUESTION: 29

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 Flow Gateway VMs that can be deployed within this environment?

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

Answer: D (LEAVE A REPLY)

* 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: 30

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.
- E. Edit the Internal Flow Gateway Security Group on the internal NIC to allow outbound traffic.

Answer: C (LEAVE A REPLY)

* 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.

References:

* Nutanix Flow Gateway Configuration Guide

* Azure VPC Routing Documentation

NEW QUESTION: 31

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: (SHOW ANSWER)

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

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NEW QUESTION: 32

An administrator is tasked with configuring connectivity between an on-premises datacenter and Azure.

Which two connectivity options are supported? (Choose two.)

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

Answer: ([SHOW ANSWER](#))

For configuring connectivity between an on-premises datacenter and Azure, the two supported options are:

* VPN (Virtual Private Network): Site-to-Site VPN allows you to create a secure connection from your on-premises network to Azure over the public internet using IPsec/IKE protocols.

* ExpressRoute: Provides a private connection between your on-premises infrastructure and Azure, ensuring traffic does not traverse the public internet.

Both options provide secure and reliable connectivity, with ExpressRoute offering enhanced performance and security due to its private connection. References

* Azure VPN Gateway

* Azure ExpressRoute Overview

NEW QUESTION: 33

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.

Answer: ([SHOW ANSWER](#))

* 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.

References:

* Azure Marketplace Documentation

* Nutanix Licensing Guide

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