Free Questions for NCP-CI-AWS by dumpshq

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Question 1

Question Type: MultipleChoice

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

Options:

A- API Audit

B- Prism

C- Zookeeper

D- Acropolis

Answer:

D

Explanation:

When configuring a syslog server in the Prism Central Admin Center for Nutanix, one of the available log modules is Acropolis.

The Acropolis module logs system events related to the Nutanix Acropolis operating system, which is critical for monitoring and auditing system activities and performance.

Configuring syslog with the Acropolis module ensures that important events and issues related to the Acropolis environment are captured and can be forwarded to an external syslog server for centralized logging and analysis.

Reference: Refer to the Nutanix documentation on Prism Central and syslog configuration for the full list of available log modules and detailed steps for configuration.

Question 2

Question Type: **MultipleChoice**

An administrator is attempting to deploy an NC2 cluster.

The cluster configuration is as follows:

* Name - Cluster-1

* Nodes of type i4i.metal

* Replication Factor 2

* Existing VPC resources

* VPC - 10.0.0.0/16

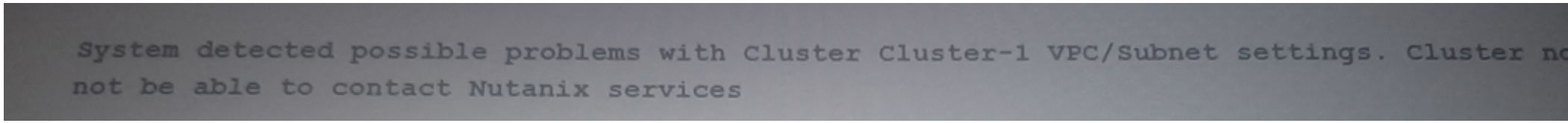
* Subnets:

* Bare metal hosts: 10.0.1.0/24

* User VMs:10.0.2.0/24

* Public: 10.0.3.0/24

During the deployment process, the administrator notices the following alert:



What should the administrator do to ensure the cluster deployment does not fail?

Options:

A- Create a new VPC and modify the cluster configuration to use the new VPC.

B- Check AWS VPC and subnet quotas for the cloud account.

C- Ensure an outbound Internet connection exists from 10.0.1.0/24.

D- Modify the administrator's RBAC permissions in the NC2 console.

Answer:

C

Explanation:

The alert indicates a potential issue with the VPC/Subnet settings, preventing the cluster nodes from contacting Nutanix services.

To resolve this, the administrator needs to ensure that the subnet 10.0.1.0/24, which is assigned for Bare metal hosts, has an outbound Internet connection.

This connection is necessary for the cluster nodes to communicate with external Nutanix services for updates, license validation, and other essential operations.

Verify that there are appropriate route tables and security group rules allowing outbound traffic to the Internet from the 10.0.1.0/24 subnet.

Ensure that there is either an Internet Gateway (IGW) attached to the VPC or a NAT Gateway configured if using private subnets.

Reference: Refer to the Nutanix documentation and AWS VPC configuration guides to ensure proper Internet connectivity and routing setups.

Question 3

Question Type: MultipleChoice

Which NC2 user role will allow full access to clusters created within an organization?

Options:

A- Cluster Super Admin

B- Organization Administrator

C- Organization Security Administrator

D- Cluster Administrator

Answer:

B

Explanation:

In Nutanix Cloud Integration with AWS, specifically version 6.7, the role that allows full access to clusters created within an organization is the Organization Administrator.

The Organization Administrator role has the highest level of privileges within an organization, enabling the user to manage all aspects of the clusters, including creation, modification, and deletion.

This role is designed to oversee and control the entire organization's resources, ensuring comprehensive management capabilities over all clusters and associated resources.

Reference: Refer to the Nutanix documentation on roles and permissions for NC2 on AWS for further details.

Question 4

Question Type: MultipleChoice

When creating an NC2 cluster in AWS, what are the required permissions for the account used to run the CloudFormation script?

Options:

A- IAMAccess, AmazonCloudDirectoryFullAccess, AWSCIoudFormationFullAccess

B- IAMAccess, AWS_ConfigRole, AWSCIoudFormationFullAccess

C- IAMFullAccess, AmazonEC2FullAccess, AWSCIoudFormationFullAccess

D- IAMUserSSHKeys, AWS_ConfigRole, AWSCIoudFormationFullAccess

Answer:

C

Explanation:

When creating an NC2 cluster in AWS, the account used to run the CloudFormation script requires specific permissions to ensure the deployment is successful. The required permissions are:

IAMFullAccess: Provides full access to IAM resources.

AmazonEC2FullAccess: Allows full access to EC2 resources.

AWSCIoudFormationFullAccess: Grants full access to manage AWS CloudFormation stacks.

These permissions are necessary to create, manage, and deploy the required AWS resources for the NC2 cluster.

Nutanix Support & Insights

AWS IAM Documentation

Question 5

Question Type: MultipleChoice

An administrator has been asked to create a cluster to support new workloads.

What are the maximum number of nodes supported in AWS?

Options:

A- 14 nodes

B- 18 nodes

C- 24 nodes

D- 28 nodes

Answer:

C

Explanation:

The maximum number of nodes supported in an NC2 cluster on AWS is 24 nodes. This limit ensures optimal performance and manageability within the AWS infrastructure while leveraging the benefits of the Nutanix architecture.

Nutanix Clusters on AWS Deployment Guide

Nutanix Support & Insights

Question 6

Question Type: MultipleChoice

An administrator has been tasked with performing a test migrating from an NC2 environment to a Nutanix on-premises environment.

Where should the administrator perform this task?

Options:

A- NC2 Prism Element

B- NC2 Prism Central

C- Nutanix Cloud Services Portal

D- On-premises Prism Central

Answer:

B

Explanation:

When performing a migration from an NC2 environment to a Nutanix on-premises environment, the task should be performed using the NC2 Prism Central. This is because NC2 Prism Central provides a centralized management interface that allows administrators to manage and migrate workloads between cloud and on-premises environments seamlessly.

Nutanix Cloud Clusters (NC2) Documentation

Nutanix Community Guide

Question 7

Question Type: **MultipleChoice**

An administrator has deployed an NC2 on AWS cluster that is running mixed workloads. Multiple SQL database are running on the NC2 cluster using a native subnet of 10.78.1.0/24.

The administrator wants to ensure only application servers from source subnet 10.79.1.0/24 that reside outside of the NC2 cluster can access the databases.

Which two actions will help the administrator most securely achieve this? (Choose two.)

A)

Create a custom Security Group with the following:

- Key = `tag:nutanix:clusters:external`
- Key = `tag:nutanix:clusters:external:cluster-uuid` and value = the clusters' UUID
- Key = `tag:nutanix:clusters:external:networks` and value = 10.78.1.0/24

B)

Set inbound access on a custom Security Group for 10.79.1.0/24.

C)

Edit the cluster's User Management Security Group to allow traffic from 10.79.1.0/24.

D)

Create a custom Security Group with the following:

- Key = `nutanix:clusters:external`
- Key = `nutanix:clusters:external:cluster-uuid` and value = the clusters' UUID
- Key = `nutanix:clusters:external:networks` and value = 10.79.1.0/24

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

A, D

Explanation:

To ensure that only application servers from the source subnet 10.79.1.0/24 can access the SQL databases running on the NC2 cluster in the subnet 10.78.1.0/24, the administrator can take the following actions:

Option A: Create a custom Security Group with the following rules:

Key = tag:nutanix:clusters

Key = tag:nutanix:clusters:external

and value = the clusters' UUID

Key = tag:nutanix:clusters:external

and value = 10.78.1.0/24

Option D: Create a custom Security Group with the following:

Key = nutanix:clusters

Key = nutanix:clusters:external

and value = the clusters' UUID

Key = nutanix:clusters:external

and value = 10.79.1.0/24

These actions help create security rules that restrict access to the databases only from the specified source subnet, ensuring secure and controlled access.

Nutanix Cloud Clusters on AWS Administration

AWS Security Groups Documentation

Question 8

Question Type: **MultipleChoice**

An administrator is deploying a new NC2 cluster on AWS and needs to ensure full connectivity is established between the company's on-premises datacenter and the AWS cloud.

Which two AWS offering will satisfy this requirement? (Choose two.)

Options:

A- ExpressRoute

B- AWS VPN

C- Direct Connect

D- Dedicated interconnect

Answer:

B, C

Explanation:

To establish full connectivity between the company's on-premises datacenter and the AWS cloud, the following AWS offerings will satisfy this requirement:

AWS VPN: This service allows you to create a secure connection between your on-premises network or other remote network and your AWS VPC using an IPsec VPN tunnel. It is suitable for low to moderate bandwidth requirements and provides secure, encrypted

connections.

Direct Connect: AWS Direct Connect is a dedicated network connection from your premises to AWS. It provides a private, high-bandwidth, low-latency connection which is ideal for high-throughput applications and workloads that need consistent network performance.

AWS VPN Documentation

AWS Direct Connect Documentation