

Free Questions for NCP-CI-AWS

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Question 1

Question Type: Hotspot

An administrator needs to recover a cluster protected using the Cluster Protect feature. The Prism Central instance was not on the failed cluster.

Which steps, in order, should the administrator perform to recover the cluster?

Answer:

Explanation:

Nutanix Documentation on Cluster Protect and Recovery Processes

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Question 2

Question Type: MultipleChoice

An administrator needs to understand which of the services implemented on their NC2 AWS deployment will be protected with Cluster protect.

Which service of feature is Cluster Protect able to both protect and recover its associated metadata?

Options:

- A- Object
- B- VM templates
- C- Files
- D- Categories

Answer:

B, C

Explanation:

Cluster Protect in an NC2 environment can protect and recover the following services and their associated metadata:

VM Templates: Ensures that templates used for creating virtual machines are backed up and recoverable.

Files: Protects data stored in Nutanix Files, ensuring that file services are backed up and can be restored as needed.

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Question 3

Question Type: MultipleChoice

An administrator is planning to leverage NC2 on AWS for an elastic DR scenario where the initial cluster is using i3en.metal.

Which two additional node types are supported for cluster expansion? (Choose two.)

Options:

A- Z1d.metal

B- I3.metal

C- m5d.metal

D- i4i.metal

Answer:

B, D

Explanation:

When planning to leverage NC2 on AWS for an elastic DR scenario where the initial cluster is using 13en.metal, the following additional node types are supported for cluster expansion:

I3.metal: These instances provide high IOPS and low latency with NVMe SSDs, making them suitable for storage-intensive applications.

i4i.metal: These instances offer higher performance with AWS Nitro SSDs, improved network bandwidth, and better compute performance compared to the I3.metal instances.

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[Amazon EC2 I4i Instances -- AWS](#)

[Amazon EC2 I3 Instances -- AWS](#)

Question 4

Question Type: MultipleChoice

Which two features or services can an administrator ensure are protected by cluster protect within an NC2 environment? (Choose two.)

Options:

A- Flow Network Security

B- VM Templates

C- Nutanix Files

D- Virtual Machine Disks

Answer:

C, D

Explanation:

Within an NC2 environment, the Cluster Protect feature can ensure the protection of:

Nutanix Files: This provides file services within the Nutanix ecosystem, and Cluster Protect can safeguard the data stored in Nutanix Files.

Virtual Machine Disks: This ensures that the data stored on virtual machine disks is protected, providing backup and recovery options for the virtual machines running within the cluster.

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[Nutanix AOS 6.7 Documentation](#)

Question 5

Question Type: MultipleChoice

Which entity should be contacted for cloud hardware supported (EC2 instances, VPC, etc) related to NC2?

Options:

- A- Partner
- B- Public Cloud Vendor
- C- Internal IT Operations team
- D- Nutanix

Answer:

B

Explanation:

For issues related to cloud hardware support such as EC2 instances, VPC, etc., the public cloud vendor (AWS in this case) should be contacted. AWS provides support and documentation for their infrastructure and services, ensuring that users can get assistance for any

hardware or cloud-specific queries.

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Question 6

Question Type: MultipleChoice

To deploy NC2 in AWS using an existing VPC, which two AWS resources should be configured beforehand? (Choose two.)

Options:

- A- NAT Gateway
- B- Public and Private Subnets
- C- Placement Group
- D- Bare-metal EC2 Instance

Answer:

A

Explanation:

To deploy NC2 in AWS using an existing VPC, the following AWS resources should be configured beforehand:

NAT Gateway: This allows instances in the private subnet to connect to the internet or other AWS services, while preventing the internet from initiating connections with those instances.

Public and Private Subnets: These are necessary to segregate the network traffic. Public subnets provide a direct route to the internet gateway, while private subnets are used for internal resources that do not need direct access to the internet.

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Question 7

Question Type: MultipleChoice

A company has a large scale AWS deployment and has just finished installing their first NC2 on AWS cluster. The new cluster is now running workloads in production.

The cluster is configured with:

- * 16 Nodes
- * 8 Subnets
- * 200 User VMs per subnet
- * Nutanix Files

An administrator has been tasked with installing an EC2 instance on one of the subnets that is also used by the Nutanix, When the EC2 instance is powered on, an IP conflict occurs.

What action should the administrator take to resolve this issue?

Options:

- A-** The IP address used by the NC2 VM should be blocked /excluded from EC2.
- B-** The Instance Metadata of the NC2 instance needs to have the address reserved.
- C-** Assign an elastic IP to the EC2 instance and reboot.
- D-** The IP address used by the EC2 instance should be blocked / excluded from IPAM.

Answer:

A

Explanation:

To resolve the IP conflict issue when an EC2 instance is powered on in a subnet also used by Nutanix NC2, the administrator should block or exclude the IP address used by the NC2 VM from being assigned to EC2 instances. This can be done by configuring the IP address management (IPAM) settings to ensure that the specific IP addresses allocated to the NC2 VMs are not used by EC2 instances, preventing IP conflicts and ensuring smooth operation of both environments.

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Question 8

Question Type: MultipleChoice

What is the purpose of an organization in the NC2 console?

Options:

A- To link with NC2 subscription plans

- B-** To map the on-premises Prism Central environment
- C-** To segregate clusters based on specific requirements
- D-** To Link with a Public Cloud account

Answer:

C

Explanation:

In the NC2 console, an organization is used to segregate clusters based on specific requirements. This segregation allows administrators to manage clusters more effectively by grouping them according to business units, projects, or other criteria. This organizational structure helps in maintaining clear boundaries and applying specific policies or permissions to different clusters within the same NC2 environment.

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Question 9

Question Type: MultipleChoice

In which two ways should an NC2 on AWS cluster be hibernated manually? (Choose two.)

Options:

- A-** Log into Prism, Central, navigate to Planning, find hibernate and resume.
- B-** Select the cluster under NC2 console and Select Hibernate/Resume on the cluster sur page.
- C-** Log into Prism Element navigate to Settings and select Hibernate/Resume.
- D-** Log into NC2 console, find the cluster name and select Hibernate/Resume from the ellipses.

Answer:

B, D

Explanation:

To manually hibernate an NC2 on AWS cluster, the administrator can use the following methods:

Select the cluster under NC2 console and Select Hibernate/Resume on the cluster sur page: Navigate to the specific cluster in the NC2 console and use the provided Hibernate/Resume option.

Log into NC2 console, find the cluster name and select Hibernate/Resume from the ellipses: Access the NC2 console, locate the cluster name, and select the Hibernate/Resume option from the ellipses (three dots) menu.

These options allow for the manual control of the cluster's hibernation state directly within the NC2 console interface.

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Question 10

Question Type: MultipleChoice

An administrator is deploying a new cluster on AWS 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?

Options:

A- 1

B- 2

C- 3

D- 4

Answer:

C

Explanation:

To support Nutanix's native Local Key Manager (LKM) for data encryption in a cost-effective manner, a minimum of three nodes is required. This ensures that there is enough redundancy and reliability for the encryption services to function properly, complying with best practices for distributed key management.

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Question 11

Question Type: MultipleChoice

An administrator planned to create a new NC2 cluster and chose the existing AWS VPC infrastructure in the workflow. The administrator need two private subnets to complete the configuration.

What are these two private subnets used for..

Options:

- A- For user VMs and cluster management
- B- For Prism Element and Prism Central management
- C- For DNS and NTP management
- D- For private NAT and Elastic IP management

Answer:

A

Explanation:

The requirement for two private subnets in the NC2 cluster configuration workflow serves the same purposes:

One subnet is designated for user VMs, ensuring user workloads are separated from management operations.

The other subnet is designated for cluster management, maintaining the integrity and security of management processes and internal communications.

Question 12

Question Type: MultipleChoice

An administrator planned to create a new NC2 cluster and chose the existing AWS VPC infrastructure in the workflow. The administrator needs two private subnets to complete the configuration.

Options:

- A- For user VMs and cluster management
- B- For Prism Element and Prism Central management
- C- For DNS and NTP management
- D- For private NAT and Elastic IP management

Answer:

A

Explanation:

When creating a new NC2 cluster using an existing AWS VPC infrastructure, two private subnets are needed. These subnets are used as follows:

One private subnet for user VMs, which houses the virtual machines that users interact with.

Another private subnet for cluster management, which is used for internal cluster operations and management tasks, ensuring that management traffic is isolated from user traffic for security and performance reasons.

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