

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI) 5.20 Exam

1. Which two capabilities does IPAM provide in a Nutanix networking configuration? (Choose two.)

- A. Allows proxy server settings to be set up for a defined network
- B. Allows AHV to assign IP addresses automatically to VMs using DHCP
- C. Configures a VLAN with an IP subnet and assigns a group of IP addresses
- D. Configures firewall rules to prevent or allow certain TCP/IP traffic

Answer(s): B C

2. Which method can be used to migrate a VM configured for UEFI-boot from a Nutanix Hyper-V cluster to AHV?

- A. Live Migration
- B. Storage vMotion
- C. Nutanix Move
- D. Cloud Connect

Answer(s): C

3. An administrator needs to report on any alerts generated by a Nutanix cluster that affected the cluster's availability over the past 10 days.

Which method should be used to locate these events?

A. On the Health dashboard, use the Log Collector to export data based on time stamp.

B. Export the cluster event log to a CSV on the Alerts dashboard.

C. On the Alerts dashboard, filter based on Impact Type and the desired Time Range.

D. Configure an Alert Policy to generate an email with the data on the Health dashboard.

Answer(s): C

4. CPU utilization climbs above 90% on several VMs. This causes performance degradation for a business-critical application.

How can alerts be configured to notify the administrator before VM CPU utilization hits 90%?

A. On a CVM, use ncli to set the VM CPU Check threshold for the critical VMs to a value below 90%.

B. On the Health dashboard, locate the VM CPU Check and lower the alert threshold below 90%.

C. On a CVM, configure a cron job to run the VM CPU Check more frequently and email the result.

D. On the Alerts dashboard, ensure that the VM CPU usage alert is not set to auto-resolve.

Answer(s): B

5. In Files, how many FSVMs are deployed by default?

A. 1

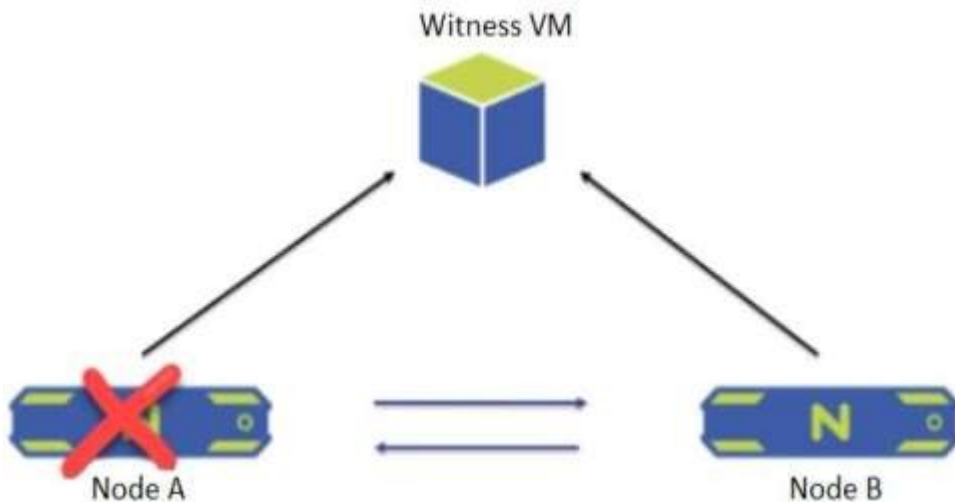
B. 2

C. 3

D. 5

Answer(s): C

6. A two-node ROBO cluster is configured with a witness VM.



What happens when Node A goes down?

- A. The- cluster becomes unavailable and goes into read-only mode.
- B. All operations and services on the Node B are shut down and go into a waiting state.
- C. The cluster is unaffected and no administrator intervention is required.
- D. Node B sends a leadership request to the Witness VM and goes into single-node mode.

Answer(s): D

7. How will an HDD failure affect VMs with data on the failed device?

- A. The VMs will crash, and will be restarted once the failed HDD has been replaced and the data has been restored.
- B. A live migration will be initiated, moving the affected VMs to a host that contains the replica data.
- C. The VMs will remain operational on that host and continue to function normally with no noticeable impact
- D. An HA event will occur, causing the affected VMs to restart on a node that contains the replica data.

Answer(s): C

8. A guest VM should be able to tolerate simultaneous failure of two nodes or drives. What are the minimum requirements for the Nutanix cluster?

A. 3 nodes with cluster RF 3 and container RF 3

B. 3 nodes with cluster RF 3 and container RF 2

C. 5 nodes with cluster RF 2 and container RF 3

D. 5 nodes with cluster RF 3 and container RF 3

Answer(s): D

9. Which three cluster operations require an administrator to reclaim licenses?(Choose three)

A. Destroy a cluster.

B. Upgrade a cluster

C. Migrate a cluster

D. Remove a Node from a cluster

E. Move Nodes between clusters.

Answer(s): A D E

10. When configuring Prism Central, which two log modules are able to forward messages to an external syslog server? (Choose two.

A. API Audit

B. Flow

C. DNS

D. NTP Synchronization

Answer(s): A B

11. An administrator has been alerted to a VM that has high I/O latency and wants to determine if there are any other factors, such as insufficient network or memory resources that correlate, as part of a troubleshooting process.

Which type of chart should the administrator create to allow all relevant data to be easily exported to CSV for later analysis?

A. A VM entity chart with each of the relevant metrics.

B. A cluster metric chart for each of the relevant metrics

C. A cluster entity chart with each of the relevant metrics

D. A VM metric chart for each of the relevant metrics

Answer(s): D

12. How should an administrator correct an SSL error when connecting to a Nutanix cluster?

A. Add the SSL certificate to the workstation's trusted people store

B. Create a new self-signed certificate for the cluster with a 4096 bit key

C. Create a new SSL certificate for the cluster signed by an AD certificate authority

D. Add the SSL certificate to an AD group policy applied to all computer objects

Answer(s): C

13. A node with Erasure Coding fails. What is the impact?

A. The node stops utilizing Erasure Coding.

B. Potentially increased amount of data stored in the SSD tier.

C. Increased Controller VM CPU Load.

D. AQS unable to do deduplication during the Erasure Coding failure.

Answer(s): C

14. A configuration is single domain, single forest, and does not use SSL. Which port number should be used to configure LDAP?

A. 389

B. 3269

C. 636

D. 3268

Answer(s): A

15. The Linux administration team has requested access rights to any current or future Linux VM in the environment. What entity should be selected when assigning this new role?

A. Image

B. AHV Cluster

C. Category

D. Project

Answer(s): D

16. HOTSPOT (Drag & Drop is not supported)

What is the proper sequence to perform a one-click upgrade to a Nutanix cluster?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements. Not all procedures are valid. Identify any invalid procedures using the drop-down option.

Answer Area

Procedure	Step
Select the Gear icon at top right of the page	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Select the component to upgrade	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Once the download completes, select Upgrade	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log into Prism Central	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Select the User login name at the top right of the page	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left, select Upgrade Prism Central	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Click Download	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left under Settings, select Upgrade Software	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log in to Prism Element	<input type="text"/> Step 1 Step 2 Step 3 Step 4 Step 5

A. See Explanation section for answer.

Answer(s): A

17. A customer wants to isolate a group of VMs within their Nutanix environment for security reasons. The customer creates a VM with two NICs to act as a firewall and installs the appropriate software and certificates.

However, no one from the outside can access the application. What is the likely cause of this problem?

A. A shared volume group must be used by all isolated VMs

B. More than one NIC cannot be added to a VM

C. One of the NICs needs to be configured on the internal VLAN

D. Wireshark is installed on the NAT VM

Answer(s): C

18. Which two methods are available when migrating a VM from a legacy 3-tier solution using VMware ESXi to AHV? (Choose two.)

A. Deploy the Move appliance.

B. Use Cross-Hypervisor DR.

C. Import the .vmdk into the Image Service.

D. Use shared nothing live migration.

Answer(s): A B

19. A customer has a 24-node cluster with all containers configured with RF3. Two different nodes have incurred a simultaneous HDD failure.

What is the result?

A. The cluster runs in a degraded state until the failed drives are replaced and the data has been restored to three replicas.

B. Sixty minutes after the failures a rebuild of the lost data can remaining HDDs begins to restore to three replicas.

C. The VMs with data on those drives crash, and an HA event occurs, restarting them on a remaining healthy node.

D. The Nutanix cluster recognizes the failures and immediately begins to rebuild lost data to three replicas.

Answer(s): D

20. An Administrator is working on a one-node ROBO cluster configurations Which statement is true for this configuration?

A. Witness vm required to break cluster quoram

B. Supported hardware is NX-1175-G5 and G6

C. witness vm should be 8vcp and 20gb ram

D. the minimum RPO 8 hours required

Answer(s): B
