Nutanix Certified Associate
6.5

Welcome!

Today you will be taking the **Nutanix** Certified Associate 6.5 exam.

The time you have to complete this exam is: 90 minutes
The number of items in this exam is: 50

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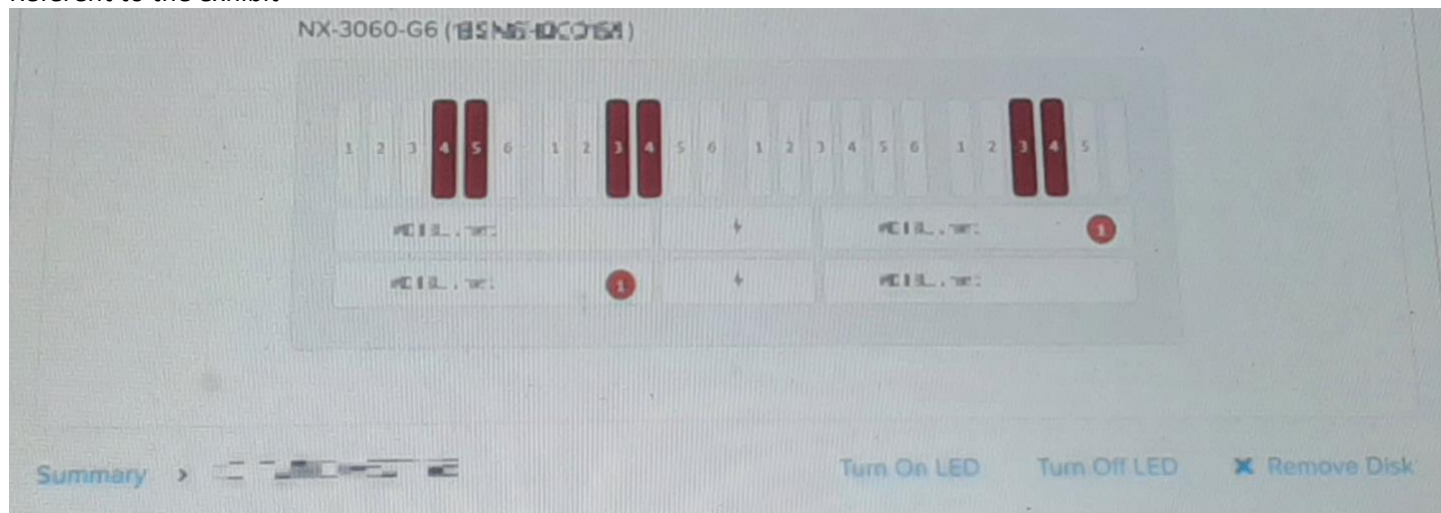
Question 1
Referent to the exhibit

After an abrupt power outage, an administrator receives a number of alerts indicating disks are failed, Prism Element shows a large number of disks offline as seen in the diagram. This singles block, four cluster is configured FT1 with an RF2 container holding all user data.
What number of drive failures on different domains (nodo, block, or rack) could this configuration have tolerated prior to seeing data unavailability?
- A. 2
- B. 4
- C. 1
- **D. 3**

Question 2
Which address allows external connections to Nutanix Storage presented by the **Volumes** feature?
- A. Prism Central IP
- B. IPMI IP
- **C. Data Services IP**
- D. Prism Central IP

Question 3
An administrator wants to have a single chart with the logical usage for three storage containers.
Which action should the administrator perform?
- A. See Storage Usage under Prism Element Health page.
- B. See Usage Summary in the Storage Containers detailed view.
- **C. Create a new Entity Chart.**
- D. Create a new Metrix Chart.

Question 4
What is the effect of enabling Flash Mode?
- A. Sets the storage tier preference to HDD
- **B. Sets the storage tier preference to SSD**
- C. Sets the metadata tier preference to HDD
- D. Sets the metadata tier preference to SSD

Question 5
Where can an administrator find information about the Cluster Runway?
- **A. Prism Element Analysis**
- B. Prism Element Home Page
- C. Prism Central Main Dashboard
- D. Prism Central Anysis

Question 6
When should Pulse be disabled?
- A. When the cluster is connected to the internet with less than 1GbE
- **B. Only under the guidance of Nutanix Support.**
- C. When the cluster is deployed is a dark-site.
- D. Before any cluster maintenance activities requiring node reboots.

Question 7
From Prism Central, how can an administrator access a cluster?
- A. **Use the cluster quick access from the main dashboard widget.**
- B. User the VM Summary view.
- C. Use the cluster quick access from the Settings page.
- D. Use the Cluster Summary View

Question 8
Referent to the exhibit

Upon logging into Prism Element, an administrator sees a red heart, as show in the exhibit
Which dashboard in Prism will best help the administrator to isolate the cause of the read hearth?
- A. Analysis
- B. Tasks
- C. Hardware
- **D. Health**

Question 9
A single host in a four-node AHV-based cluster experiences a complete network failure.
If more than enough resources exist in the cluster to tolerance a node failure, what happens to the user VMs running on that host?
- **A. VMs are live-migrated to the three remaining host.**
- B. VMs remain down until network connectivity is restored.
- C. VMs stay up but are unreachable until connectivity is restored.
- D. VMs automatically restart on the three remaining host.

Question 10
Which option is available for an administrator to upload a remote disk file to Image Configuration?
- A. HTTP
- **B. SCP**
- C. FTP
- D. SFTP

Question 11
Which product or feature is most suitable for deploying a Microsoft SQL cluster in a Nutanix environment?
- A. Files
- B. Objects
- **C. Volumes**
- D. NFS shares

Question 12
A SQL Server cluster has been deployed on an AHV cluster. To ensure maximum uptime, the administrator wants the SQL Server VMs running on different hosts while leveraging High Availability in case of hot failure.
Which configuration would meet these requirements?
- A. Disable Host affinity rules in the Cluster.
- B. Configure on VM as an Agent VM.
- **C. Create an anti-affinity rule via CLI.**
- D. Disable VM live migration from selected VMS.

Question 13
An administrator needs to deploy a two-node cluster on a new ROBO Site.
Wat is required to maintain High Availability in the case of a node failure?
- A. Async Replication.
- **B. Witness VM**
- C. Metro-Availability.
- D. Windows Failover Clustering.

Question 14
What is the minimum cluster size for Redundancy Factor 3?
- A. 3
- **B. 4**
- C. 5
- D. 6

Question 15
- A. What is Nutanix scale-out storage technology that makes its hyperconverged platform possible?
- B. Distributed File Services
- C. Hot swappable NVMe/SSD
- **D. Distributed Storage Fabric**
- E. HDD/SDD Storage Tiers

Question 16
What does Replication Factor 2(RF2) refer to?
- A. Number of nodes that can be lost without impact.
- B. Number of disks that can be lost in the cluster.
- C. Number of blocks that can be lost without impact.
- **D. Number of copies data written in the cluster**

Question 17
What resource should be used to ensure a successful upgrade of the hypervisors and AOS within a vSphere-based Nutanix cluster?
- A. Field advisories
- **B. Compatibility and Interoperability Matrix.**
- C. Hardware Replacement Documentation.
- D. Upgrade Paths.

Question 18
Which directory should the LCM Framework Bundle be extracted to on a dark site web server in order to update the LCM Framework?
- **A. `install`**
- B. `upgrade`
- C. `release`
- D. `software`

Question 19
An administrator needs to send weekly performance reviews to several line of business manager about VMs they are managing.
Which tool should the administrator use to satisfy this task?
- A. Prism Central Projects with data export
- B. Prism Elements New Alert policy
- **C. Prism Central Reports with a schedule**
- D. Prism Element Links to Chart analysis

Question 20
Which AHV feature proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time?
- A. Prism
- **B. ADS**
- C. Genesis
- D. Cluster Maintenance Utility

Question 21
Which Prism Central feature can map images to target cluster using categories?
- A. Protection Domain Policies
- **B. Image Placement Policies**
- C. Image Replication Policies
- D. Storage Policies

Question 22
An administrator manages a memory-sensitive application that consist of multiple VMs. The administrator needs to understand if workloads, historically, have been evenly distributed across these VMs.
What should the administrator do?
- **A. Add Memory usage chart to Analysis dashboard for each required VM.**
- B. Create an Alert Policy with VM as entity type and usage as a metric.
- C. Filter VMs list by using Memory Usage.
- D. Run cluster efficiency summary report selecting the VMs that constitute the applications.

Question 23
Which feature in Pulse helps secure a customer's private information?
- A. Secure Central
- B. Cluster Lockdown
- C. Data Obfuscation
- **D. Data-at-rest Encryption.**

Question 24
Refer to the exhibit.
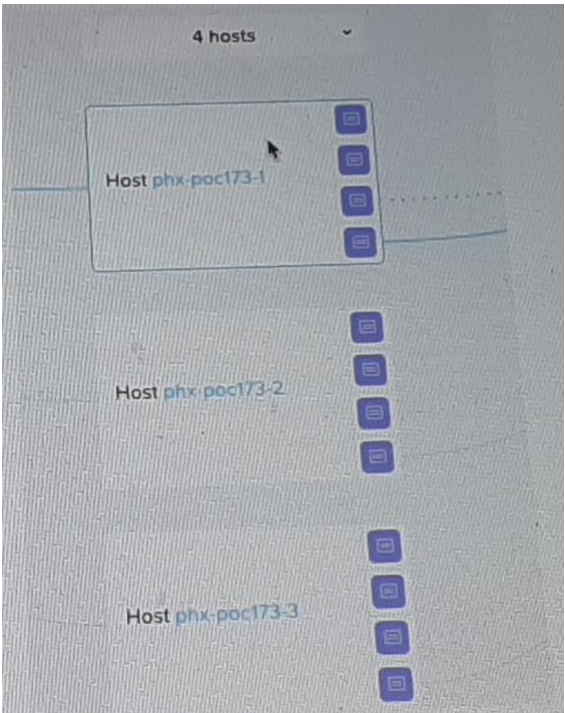
What is true about the network uplink ports?
A. All are connected, but only two are carrying traffic.
B. They are configured Active-Backup mode.
C. They are configured in Active-Active mode.
D. One is connected at 1GbE and the other is 10GbE.

Question 25
An administrator receives an alert that a node has failed within a Nutanix AHV-based 10-node cluster. Before the failure, the cluster CPU and memory utilization was around 50%
A. What actions will the cluster automatically take?
B. VMs will migrate to other nodes in the cluster with no user impact.
C. VMs will be unavailable until the affected host is fully functional.
D. The cluster will enter read-only mode and the VMs will be powered down to preserve data.
E. All HA-protected VMs will be automatically restarted on other nodes in the cluster.

Question 26
In Prism Element, to which object are policy such as replication factor and storage efficiency settings applied?
A. Virtual Machine
B. Container
C. Storage Pool
D. vBlock

Question 27
Where can an administrator configure role-based access control (RBAC)
A. Prism Element
B. Sefl-Service Restore
C. Foundation
D. Prism Central

Question 28
Which feature enables Images Placement Policies to be mapped to target clusters?
A. YAML
B. Labels
C. JSON
D. Categories

Question 29
Which IP address can be used to directly access Prism Element?
A. IP address of any CVM in the cluster
B. AHV host br0 IP address
C. IP address of any Prism Central VM
D. Foundation VM IP address

Question 30
Which Nutanix data efficiency mechanism replaces a traditional Replication Factor for suitable data?
A. Compression
B. Intelligent Cloning
C. Deduplication
D. Erasure Coding

Question 31
In AHV five-node cluster, an SSD fails within a node that has two SSDs and four HDDs installed.
What will happen to the cluster environment?
- **A. Host goes down and VMs will be powered on elsewhere.**
- B. VMs will be live migrated to other hosts until metadata rebuild is finished.
- C. Cluster goes in read-only mode.
- D. CVM on the impacted node reboots.

Question 32
What requirement needs to be considered before configuring Replication Factor of 1 (RF1)?
- A. Application resiliency.
- B. Hypervisor.
- C. RAID configuration.
- **D. Node count.**

Question 33
Within a Nutanix cluster, an administrator is getting frequent failure alerts of the Cassandra and Stargate services for one of the nodes.
What action will be taken by the cluster?
- A. Reboot Guest VMs to another hosts.
- **B. Put host in Maintenance Mode**
- C. Redirect I/O path to another CVM.
- D. Remove the host form cluster.

Question 34
Which technology allows applications and data to move freely between runtime environments?
- A. Distributed Storage Fabric
- B. Nutanix Move
- **C. App Mobility Fabric**
- D. Disaster Recovery

Question 35
An administrator has defined a security policy that needs to be applied to dozens of VMs.
What is the most efficient way the administrator can perform this?
- A. Apply a category to the VMs and associate the category with the policy.
- B. Within the policy, select label to all the VMs it should be applied to.
- **C. Apply the same label to all the VMs, then bind the policy to the label.**
- D. User a script to apply the policy the defined VMs.

Question 36
How would an administrator upgrade the LCM framework to the latest version?
- **A. Settings/Upgrade Software**
- B. Run LCM pre-checks.
- C. Run LCM inventory.
- D. Run an NCC health check.

Question 37
What is the purpose of **Discoveries** within the Nutanix Support Portal?
- A. To identify cluster that are affected by issues.
- B. To provide forecasting cluster resource utilization.
- C. To provide an audit trail of cluster logins.
- **D. To identify VMs that require OS update or patching.**

Question 38
Which type of network support automatically assigning IP address to VMs?
- A. Floating IP network
- B. Virtual Private Cloud Network.
- C. Management traffic network.
- **D. Virtual Network with IPAM.**

Question 39
An administrator needs to do a manual VM in-place restore of a mission-critical VM.
Which Prism Central option should the administrator use to satisfy this task?
- A. Backup
- B. Recovery Point
- **C. Snapshot**
- D. Clone

Question 40
What is the biggest benefit of the Redfish Protocol and LCM?
- A. HBA and NIC card update twice as quickly.
- B. BMC and BIOS update twice as quickly.
- C. SSD and HDD update twice as quickly.
- **D. AOS and AHV update twice as quickly.**

Question 41
Which LCM feature simplifies upgrades on cluster without internet access?
- **A. Direct Upload**
- B. NCC
- C. One-Click Upgrade
- D. FTP

Question 42
Which Nutanix storage service can store Petabytes of unstructured data and supports S3 APIs?
- **A. Objects**.
- B. Volumes.
- C. Files.
- D. DSF.

Question 43
Which feature or configuration is best for securing network traffic between the management and storage replication environments?
- A. Different Storage Containers.
- **B. Network Segmentation.**
- C. VM Anti-Affinity Rules.
- D. Use of Firewall Rules.

Question 44
An administrator is deploying a virtual firewall on each node in an AHV cluster and wants each VM to maintain affinity to its host.
How can an administrator achieve this goal most efficiently?
- A. Set the VM as Agent VMs.
- **B. Create VM Protection Policies.**
- C. Set the VM labels as firewalls.
- D. Create VM annotations.

Question 45
On which entity is Replication Factor configured?
- A. Host
- B. Oplog
- C. Container
- **D. Volume**

Question 46
Which Nutanix product monitors and manages entities across multiple clusters?
- A. Foundation Central.
- **B. Prism Central**.
- C. Cloud Clusters.
- D. Cluster Maintenance Utilities.

Question 47
How long does a Nutanix cluster's Recycle Bin retain deleted vDisk and configuration data files?
- A. 6 Hours
- B. 12 Hours
- C. 24 Hours
- **D. 48 Hours**

Question 48
How is the destination cluster determined when uploading images from the local workstation to Prism Central?
- A. Selected randomly.
- **B. Selected manually.**
- C. Selected sequentially.
- D. Selected alphabetically.

Question 49
What feature allows VM owners to restore files from data protection snapshots?
- A. Backup Agent.
- B. Volume Shadow Service.
- **C. Self-Service Restore.**
- D. Nutanix Guest Tools.

Question 50
How many copies of metadata are there with a Replication Factor 3 (RF3) cluster?
- **A. 3**
- B. 4
- C. 5
- D. 6