

- 1) Within a Nutanix Cluster an Administrator is getting a frequent failure alert of Cassandra & Stargate services for one of the nodes.

What action will be taken by the cluster

A. Put host in Maintenance mode

B. Reboot guest VM to another hosts

C. Remove the host from Cluster

D. Redirect I/O path to another CVM

- 2) What Resources should be used to ensure a successful Upgrade of the Hypervisor & AOS within a vSphere-based Nutanix cluster.

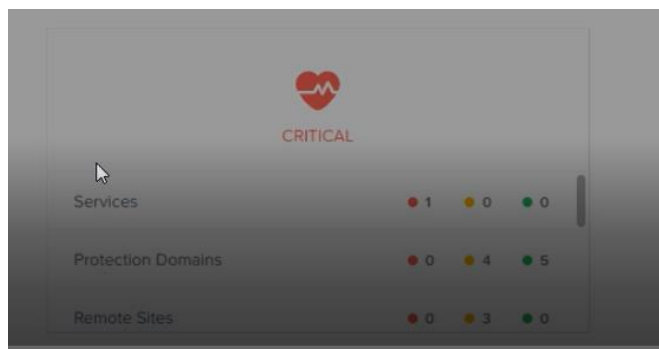
A. Hardware Replacement Documents

B. Field Advisories

C. Upgrade path

D. Compatibility & interoperability Matrix

- 3) Upon Login into Prism Element, an administrator sees a Red heart as shown in exhibit



Which dashboard in Prism will best help the administrator to isolate this cause of the red heart?

A. Hardware

B. Health

C. Task

D. Analysis

- 4) What requirement need to be considered before configuring Replication factor of 1 (RF1) ?

A. Raid Configuration

B. Hypervisor

C. Node count

D. Application Resiliency

- 5) On Which Entity is Replication Factor Configured?

A. Volume

B. Oplog

C. Container

D. Host

- 6) Which LCM features simplifies upgrade on Cluster without internet access
- A. One Click upgrade
 - B. Direct upload**
 - C. NCC
 - D. FTP
- 7) Which feature enables image placement policies to be mapped to target cluster?
- A. Label**
 - B. Categories**
 - C. YAML
 - D. JSON
- 8) From Prism central how can an administrator access the cluster ?
- A. Use the cluster quick access from the main dashboard widget.**
 - B. Use the VM summary view.
 - C. Use the cluster Summary view
 - D. Use the cluster quick access from the setting page.
- 9) Which feature or configuration is best securing network traffic between the management & Storage replication environments?
- A. VM Anti-Affinity Rules
 - B. Network Segmentation**
 - C. Use of Firewall rules
 - D. Different Storage containers
- 10) Which AHV features proactively monitors a Nutanix cluster for compute & storage I/O contention or hotspot over a period of time?
- A. ADS**
 - B. Genesis
 - C. Cluster Maintenance utility
 - D. Prism
- 11) 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 effectively?
- A. Create VM Annotation
 - B. Set the VM as agent VMs
 - C. Set the VM labels as firewall
 - D. Create VM protection policies**
- 12) What is the purpose of Discoveries within the Nutanix support Portal?
- A. To identify cluster that are affected by known issues**
 - B. To provide forecasting of cluster resource utilization.

- C. To identify VMs that require OS update or patching
- D. To provide an audit trail of cluster logins.

13) An administrator need to send weekly performance review to several line of business managers about VM they are managing

Which tool should the administrator use to satisfy this task.

- A. Prism Element new alert policy
- B. Prism central Report with a schedule**
- C. Prism elements links to Chart analysis
- D. Prism central projects with data export.

14) 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 tolerate a node failure, what happens to the user VMs running on the host?

- A. VMs stay up, but are unreachable until connectivity is restored.
- B. VMs are live-migrated to the three remaining hosts.
- C. VMs remain down until network connectivity is restored.
- D. VMs automatically restarts on the three remaining hosts.**

15) Which product or features is most suitable for deploying a Microsoft SQL cluster in a Nutanix environment?

- A. Files.
- B. NFS Share.
- C. **Volumes.**
- D. Objects**

16) Where can an administrator find information about the Cluster Runway?

- A. Prism Element Analysis**
- B. Prism Central analysis
- C. Prism Element Home Page.
- D. Prism Central Main Dashboard**

17) What is the minimum cluster size for Redundancy Factor 3?

- A. 3 nodes
- B. 4 nodes
- C. 5 nodes**
- D. 6 nodes

18) Which IP address can be used to directly access Prism Element?

- A. Foundation VM IP address.
- B. IP address of any CVM in the Cluster.**
- C. AHV host br0 IP address.
- D. IP address of any Prism central VM.

19) Which feature in Pulse helps secure a customer's private information?

- A. Data-at-rest Encryption
- B. Data obfuscation.**
- C. Security central
- D. Cluster Lockdown.

20) In an 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. Cluster goes in read-only mode.
- B. CVM on the impacted node reboots.**
- C. VMs will be live migrated to other hosts until metadata rebuild is **finished**.
- D. Host goes down and VMs will be powered on elsewhere.

21) An administrator needs to deploy a two-node cluster on a new ROBO site.

What is required to maintain HA in the case of node failure?

- A. Windows Failover Clustering.
- B. Witness VM**
- C. Async Replication0
- D. Metro-Availability.

22) What is the effect of enabling Flash mode?

- A. Sets the metadata tier performance to HDD.
- B. Sets the metadata tier performance to SSD.
- C. Sets the Storage tier performance to SSD.**
- D. Sets the storage tier performance to HDD.

23) In prism Element, to Which object are policies such as replication factor and storage efficiency setting applied?

- A. Storage Pool.
- B. vBlock
- C. Container.**
- D. Virtual Machine.

24) Which Nutanix storage service can store Petabytes of unstructured data and supports S3 APIs?

- A. Volume
- B. Files
- C. DSF
- D. Objects**

25) 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. Create a new Entity Chart.
- C. See usage summary in the Storage Containers detailed view
- D. Create a new Metric Chart.

26) An administrator receives an alert that a node has failed within a Nutanix AHV-based 10-node cluster. Before the failure, the cluster CPU & memory utilization was around 50%.

What action will the cluster automatically take?

- A. VMs will migrate to other nodes in the cluster with no user impact.
- B. All HA-protected VMs will be automatically restarted on other node in the Cluster.
- C. VMs will be unavailable until the affected host is fully functional.
- D. The cluster will enter read-only mode & the VMs will be powered down to preserve data.

27) Which Nutanix data efficiency mechanism replaces a traditional Replication Factor for suitable data?

- A. Compression
- B. Erasure Coding
- C. Deduplication
- D. Intelligent cloning

28) What is Nutanix' s scale-out storage technology that makes its hyper converged platform possible?

- A. Distribution File Services
- B. Hot swappable NVMe/SSD
- C. HDD/SSD storage tier
- D. Distributed Storage fabric

29) Which technology allows applications & data to move freely between runtime environment?

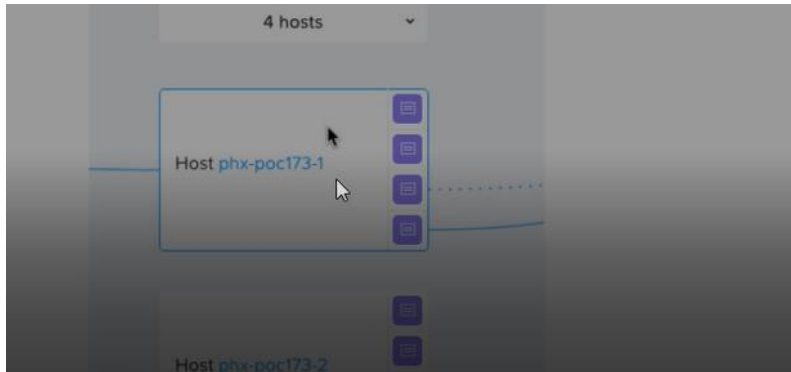
- A. App Mobility fabric
- B. Disaster recovery
- C. Nutanix Move
- D. Distributed Storage Fabric

30) Where can an administrator configure role-based access control (RBAC)?

- A. Prism Central
- B. Foundation
- C. Prism Element
- D. Self-Service restore

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

- 32) What is true about the network uplink ports?



- A. They are configured in Active-backup mode.
 - B. All are connected, but only two are carrying traffic.
 - C. One is connected at 1GbE & the other is 10GbE.
 - D. They are configured in Active-Active mode.
- 33) Which Directory should the LCM Framework Bundle be extracted to on a dark site web server in order to update the LCM Framework?
- A. Upgrade
 - B. Release
 - C. Install
 - D. Software
- 34) Which address allows external connections to Nutanix storage presented by the Volume feature?
- A. Prism central IP
 - B. IPMI IP
 - C. Data Services IP
 - D. Prism central IP
- 35) 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 HA in case of host failure.
- Which configuration would meet these requirement?
- A. Create an anti-affinity rule via CLI
 - B. Disable host affinity rules in the cluster.
 - C. Configure one VM as an Agent VM.
 - D. Disable VM live migrate from selected VMs.

- 36) What is the Biggest benefit of the Redfish Protocol and LCM?
- A. SSD & HDD update twice as quickly.
 - B. BMC & BIOS update twice as quickly
 - C. HBA & NIC card update twice as quickly
 - D. AOS & AHV update twice as quickly
- 37) An administrator need 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. Snapshot
 - B. Clone
 - C. Backup
 - D. Recovery Point
- 38) Which option available for an administrator to upload a remote disk file to image configuration?
- A. HTTP
 - A. FTP
 - B. SFTP
 - C. SCP
- 39) Which type of network support automatically assigning IP addresses to VMs?
- A. Virtual Network with IPAM.
 - B. Floating IP network.
 - C. Virtual private Cloud Networks.
 - D. Management traffic network
- 40) How Would an administrator upgrade the LCM framework to the Latest version?
- A. Run LCM pre-check
 - B. Run LCM inventory.
 - C. Setting/upgrade software
 - D. Run NCC health check
- 41) Which Prism Central feature can map images to target clusters using categories?
- A. Storage Policies
 - B. Protection Domain Policies
 - C. Image Placement Policies
 - D. Image replication Policies

42)



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 single block four node cluster is configured FT1 with an RF2 container holding all user data. What number of drive failures on different domain (node, block, or rack) could this configuration have tolerated prior to seeing data unavailability?

- A. 4
- B. 2
- C. 1**
- D. 3

43) An administrator manages a memory-sensitive application that consists of multiple VMs. The administrator need to understand if workloads, historically, have been evenly distributed across these VMs.

What should the administrator do?

- A. Filter VM list using memory usage.**
- B. Create an Alert Policy with VM as entity type & memory usage as a metric.
- C. Add memory using chart to Analysis dashboard for each required VM.
- D. Run cluster efficiency summary report selecting all the VMs that constitute the application.

44) A Cluster is Experiencing an occasional issue that does not impact production services.

Whish support case priority level should be assigned?

- A. P1 – Emergency
- B. P2 – Critical
- C. P3 – Normal**
- D. P4 – Low

45) A 10 GbE link has failed on Node A within the following cluster environment:

- Four-node AHV-based cluster
- All node have only two 10 GbE ports connected to the network
- Active-backup is configured

What impact will user VMs experience from this issue?

- A. Performance will Decrease
- B. Will failover to another node
- C. Will have no impact**
- D. Will shutdown

46) Which tool provides diagnostic system data for Nutanix to deliver proactive support?

- A. NCC
- B. Cluster Heart
- C. Pulse
- D. Cluster health

47) User are complaining that web application hosted on a Nutanix cluster are running slow. After reviewing the performance metric, it is determined that the CPU Ready time is high in the cluster.

What entity is impacted by CPU ready time?

- A. Oplog
- B. NIC
- C. vDisk
- D. VM

48) What type of relationship does a VM Affinity policy define?

- A. VM to VM
- B. VM to Storage tier
- C. VM to Network VLAN
- D. VM to Host

Which VM-level feature ensures continuous availability of data?

Replication Factor

Data Locality

Data Protection

Deduplication

What happens to images that are imported into Prism Central?

Copied to the Prism Central image repository

Remain in the source duster after import

Copied to all clusters managed by Prism Central

Deleted from the source cluster after import

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?

Within the policy, select all the VMS it should be applied to.

Use a script to apply the policy to the defined VMs.

Apply a category to the VMs, and associate the category with the policy.

Apply the same label to all the VMs. then Bind the policy to the label,

When should Pulse be disabled?

- 1.Only under the guidance of Nutanix Support.
- 2.Before any cluster maintenance activities requiring node reboots.
- 3.When the cluster is connected to the Internet with less than 1GbE.
- 4.**When the cluster is deployed in dark-site.**

Which cluster configuration is LCM unable to perform firmware upgrades against?

Five-node

Three-node

Two - node

Single—node