

Nutanix.NCM-MCI-5.20.v2023-06-24.q58

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NEW QUESTION: 1

While creating an image placement policy on the organizations AOS 5.15-based Nutanix cluster, the administrator wants to ensure there are no restrictions on using the selected images on clusters outside of the identified set.

What type of Policy Enforcement must the administrator choose?

- A. Soft
- B. Internal
- C. Hard
- D. External

Answer: ([SHOW ANSWER](#))

Policy Enforcement



Soft enforcement will allow you to manually place images on other clusters if needed. Hard enforcement will ensure these images are only placed on the selected clusters.

Enforcement

Soft

Cancel

Save

NEW QUESTION: 2

An administrator receives an error indicating that the CVMs in the cluster are not syncing to any NTP servers. An investigation of the issue finds:

- * The NTP servers are configured in Prism
- * The time on all CVMs is the same
- * Both the CVMs and AHV hosts are configured for the UTC time zone

Which two steps can be taken to troubleshoot this issue? (Choose two.)

- A. On a CVM, run the command `Hash ntpq -pn`.
- B. Restart genesis on all CVMs.
- C. Confirm that the NTP servers are reachable from the CVMs.
- D. Restart the chronos service on all CVMs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

The following critical Availability Alert displays in Prism Central:

```
Availability Zone configured in Protection Policy PP-BCA-1HR is not accessible.
```

The protection Policy PP-BCA-1HR includes a business critical application with a 1-hour snapshot frequency.

What is causing this issue?

- A. NearSync replication between the Availability Zones has fallen out of scope.
- B. Prism Central in the Availability Zone for PP-BCA-1HR is unavailable.
- C. Workloads included in PP-BCA-1HR are no longer within their intended RPO.
- D. There is a scheduled outage for the Availability Zone referenced in Protection Policy PP-BCA-1HR.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

An administrator is responsible for the following Nutanix Enterprise Cloud environment:

- * A central datacenter with a 20-node cluster with 1.5PB of storage
- * Five remote sites each with a 4-node cluster with 200TB storage

The remote sites are connected to the datacenter via 1GB links with an average latency of 6 ms RTT. What is the minimum RPO the administrator can achieve for this environment?

- A. 1 hour
- B. 6 hours
- C. 0 minutes
- D. 15 minutes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

An administrator needs to expand a cluster based on AHV and running on Nutanix G5 hardware with a new Nutanix G7 system. The cluster is running AOS 5.10 but the operation fails when

expanding the cluster. AOS is running on the new system. There are no issues discovering the node.

Why is the operation failing?

- A. G7 hardware cannot be added to a G5 cluster.
- B. Foundation software has not been updated on the cluster.
- C. EVC needs to be configured before cluster expansion
- D. AOS version running on G7 is older than the version on the cluster.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

A VM does not have enough resources for the demand, which leads to performance bottlenecks. The VM is exhibiting one or more of following baseline values, based on the past 30 days:

- * CPU usage > 90% (moderate), 95% (high)
- * CPU ready time > 5%, 10%
- * Memory usage > 90%, 95%
- * Memory swap rate > 0 Kbps (no moderate value)

Which type of VM is being described?

- A. Over-provisioned VM
- B. Constrained VM
- C. Inactive VM
- D. Bully VM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

An administrator is migrating 5MB shares from a third-party platform to Nutanix Files with the following characteristics:

- * Shares contain user profile directories
- * DFS-N will be used

How should the administrator create target shares for this migration?

- A. Create distributed shares with multiple top-level directories and distribute migrated data.
- B. Create multiple distributed shares and distribute migrated data as evenly as possible.
- C. Create multiple general purpose shares and distribute migrated data as evenly as possible.
- D. Create standard shares with multiple top-level directories and distribute migrated data.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Refer to the exhibit.



An administrator is commissioning a Nutanix Enterprise Cloud. Once the user VMs have been deployed and are running, the administrator finds that VMs on the same host are able to communicate, but are unable to communicate between hosts.

What must be changed to enable full inter-VM communications?

- A. Change the network the VMs are connected to
- B. The VMs need to have static IP addresses
- C. Update the switch to specifically allow VLAN 15
- D. Change the spanning-tree port type on the switch

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

An administrator manages the following two Nutanix AOS 5.15 cluster environment:

- * Corp-cluster-01
- * Corp-cluster-02

The VM images must be available only on Corp-cluster-01, but cannot be checked out to cluster Corp-cluster-02. The images also cannot be checked out to any other clusters that are registered with Prism Central in the future.

Which two configuration settings must the administrator choose when creating the image placement policy that satisfies the stated requirements? (Choose two.)

- A. Set the policy enforcement to Hard.
- B. Create an image placement policy that identifies cluster Corp-cluster-01 as the target cluster
- C. Set the policy enforcement to Soft.
- D. Create an image placement policy that identifies cluster Corp-cluster-02 as the target cluster.

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 10

An administrator is supporting a business critical environment and deploys metro availability to achieve a zero data loss configuration. The two clusters are connected by a 1GbE connection. A new workload is going to be deployed to this cluster. This workload requires a sustained 150MB/S of write throughput and 20MB/s of read throughput.

Which change must be made to deploy the workload successfully on this cluster?

- A. The bandwidth must be increased to support this workload.
- B. The workload must be configured to read at greater than 12.5MB/S.
- C. The replication frequency must be less than 60 minutes.
- D. Zero data loss nearsync must be used to support this workload.

Answer: ([SHOW ANSWER](#))

Reference:

6.3. Nutanix Recommendations

- Redundant remote replication links between clusters.
- Similar performance characteristics between the clusters used for Metro Availability:
 - Similar number of nodes.
 - Similar server memory configuration.
 - Similarly sized oplog.
 - Similar drive count for oplog draining to the extent store.
- Adequate bandwidth to support peak write workloads.

NEW QUESTION: 11

An administrator is updating disk firmware using LCM and receives the following message:

"there have been 10 or more cluster services restarts within 15 minutes in the Controller VM" The message appears as each drive is upgraded.

What is the reason this message is being generated?

- A. A node has been rebalanced
- B. A drive has been reformatted
- C. A node has been rebooted
- D. A drive has been ejected

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

An administrator wants to view VMs with NGT Installed and Filter by their installed guest operating systems.

How can this task most quickly be accomplished within prism central?

- A. In the VM dashboard , filter by the nutanix Guest tools - OS field
- B. use the Prism central analysis Panel to create a pie chart by OSType
- C. Use a pre-defined Prism Central report
- D. Create a customer Focus using the OS Column

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

An administrator is deploying an application using Nutanix Volumes. After configuring the volume group and connecting the guest's iSCSI initiator to the volume group, they begin performance testing.

The administrator learns that performance on the virtual disk attached to the iSCSI initiator is far less than that of a virtual disk connected directly to the VM.

Which situation is causing this condition?

- A. Data Locality ensures that VM attached disks are always faster than iSCSI volumes.
- B. The performance test is generating small block random 10.
- C. The duster data services IP address is a bottleneck, shared with other iSCSI traffic
- D. The VM's iSCSI traffic is being routed to the data services IP subnet

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

An administrator is configuring software only. Data-at-Rest Encryption on their Nutanix cluster. They are planning to deploy a third-party key management server (KMS).

Where should this server be hosted?

- A. As a single VM on the Nutanix cluster
- B. On hardware external to the Nutanix duster
- C. As a clustered VM setup on the Nutanix cluster
- D. As a single VM deployed on the host that contains the Prism leader CVM

Answer: ([SHOW ANSWER](#))

Nutanix supports any KMIP 1.0 compliant key management system, but others have not yet been certified. The key management system can even be a VM running on another Nutanix cluster, and since Nutanix leverage hardware encryption using the self-encrypting drives the performance impact on the cluster is minimal.

The diagram illustrates the integration of a Key Management Device (KMD) with a Nutanix Cluster. On the left, a server icon represents the 'Key Management Device'. A double-headed arrow labeled 'KMIP' connects it to the 'Nutanix Cluster', which is represented by a stack of server units. Above the cluster, three server icons labeled 'VM' are shown. To the right of the cluster, another double-headed arrow labeled 'TCG' connects it to 'FIPS validated SED Drives', represented by three disk icons. The Nutanix logo is visible in the background of the diagram.

Nutanix clusters do not come with data-at-rest encryption turned on by default and it has to be turned on by the administrator using the PRISM UI or nCLI. The PRISM UI provides a simple and easy way to management Key Management Device details and Certificate Authorities.

NEW QUESTION: 15

An administrator is deploying a three-tier application on a Nutanix Enterprise Cloud consisting of web, application, and database VMs. Traffic between the servers must be limited to specific services/ports. There is an application layer firewall VM deployed on one host in the cluster. In which way should the administrator meet this requirement?

- A. Separate the web, application and database VMs on to dedicated VLANs
- B. Create a network for each type of VM, and use policy-based routing to control the traffic flow
- C. Categorize the VMs in Prism Central and utilize Flow to set a security policy
- D. Configure a security policy and service chain redirecting the server traffic through the firewall

Answer: (SHOW ANSWER)

NEW QUESTION: 16

A customer has the following requirement for a Nutanix cluster:

Must support high-performance Nutanix Volumes iSCSI workloads

Must utilize AHV nodes

Must use 10 GbE interface

How should the customer optimize networking?

- A. Enable Jumbo Frame on just the Host
- B. Enable Jumbo Frames on just the CVM
- C. Enable the use of Jumbo Frame on Host and CVM
- D. Convert Cluster to ESXi and enable Jumbo Frame on Host and CVM

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 17

Refer to the exhibit.

Authentication Configuration ?

Directory List Authentication Types Client

Directory Type

Active Directory

Name

Corp

Domain

corp.yourcompany.com

Directory URL

ldaps://corp.yourcompany.com:389

Search Type ?

Non Recursive (Default)

An administrator configures Active Directory authentication as shown in the exhibit. Upon finishing setup, users are not able to log in.

What configuration change should be made to fix this issue?

- A. Change leaps to https
- B. Change the Directory URL to use an IP rather than a name
- C. Change the port from 389 to 636

Answer: ([SHOW ANSWER](#))

D Change the Domain to use an IP rather than a name

NEW QUESTION: 18

Microsegmentation was recently enabled in a Nutanix environment. The administrator wants to leverage Prism Central to create a policy that will block all traffic, regardless of direction, between two groups of VMs identified by their category.

Which policy should be used to meet this requirement?

- A. A Quarantine Policy
- B. An Isolation Environment Policy
- C. An Application Security Policy

D. A Whitehst-Based Policy

Answer: ([SHOW ANSWER](#))

The screenshot shows a Nutanix documentation page titled "Creating an Isolation Environment Policy". The text explains that an isolation environment policy identifies two groups of VMs and blocks communications between them. It also includes a section "About this task" which states "To create an isolation environment, do the following:" and a "Procedure" section with two steps: "1. On the Explore tab of the main menu, click Security Policies from the entities list (left column). See Security Policies Summary View." and "2. Click Create Security Policy and then click Isolate Environments". The Nutanix logo is visible in the top right corner.

NEW QUESTION: 19

An administrator has a VM that consumes large amounts of storage and has the following characteristics:

- * Create large / sequential writes
- * Data must be kept for years
- * Data is normally only accessed at the end of the year to run report

The administrator decides to use Erasure Coding to save space.

Which feature should the administrator utilize to save space for this VM?

- A. Inline Compression
- B. Flash Mode
- C. Cache Dedup
- D. Post-Process Compression

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

An administrator finds that home shares cannot be configured in a new Files 3.5 deployment. Why is this happening?

- A. Access Based Enumeration is not enabled.
- B. The system is deployed as a single FSVM.
- C. NFS default access is set to Read Only.
- D. Multi-protocol access is not configured.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

An organization is planning an upgrade to AOS 5.15 and wants to understand which cluster products and/or services are supported for physical traffic isolation.

Which Nutanix component supports its network traffic being isolated onto its own virtual network?

- A. Objects
- B. Containers
- C. Files
- D. Volumes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

An administrator has a custom backup application that requires a 2TB disk and runs in Windows. Throughput is considerably lower than expected.

The application was installed on a VM with the following configuration:

- * Four vCPUs with one core/vCPU
- * 4GB of Memory
- * One 50GB vDisk for the Windows installation
- * One 2TB vDisk for the application

What is the recommended configuration change to improve throughput?

- A. Span the 2TB disk across four vDisks
- B. Add 4GB of memory to the VM
- C. Increase the number of cores per vCPU
- D. Increase the vCPUs assigned to the VM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

An administrator needs to make sure an RF3 cluster can survive a failure of two complete racks without negatively affecting performance. The current cluster configuration consists of the following:

- * 30 All Flash Nodes: distributed 10 nodes per rack across three 42U racks
- * Each node is configured with 20TB usable storage all flash (Cluster Total 600TB Usable)
- * Current cluster utilization is 500TB storage
- * Storage containers have Erasure Coding enabled

Which configuration changes should be made to make sure the cluster meets the requirements?

- A. Expand the cluster to 40 nodes distributed evenly across 5 racks
- B. Expand the cluster to 48 nodes distributed evenly across 6 racks
- C. Expand the cluster to 50 nodes distributed evenly across 5 racks
- D. Expand the cluster to 60 nodes distributed evenly across 6 racks

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 24

A customer has two mission-critical applications and needs to have them backed up to a remote location. The remote location is connected using a leased line and has an average latency of 7 ms.

Which Nutanix technology will provide the shortest RPO possible?

- A. Leap
- B. Metro Availability
- C. NearSync
- D. Asyn&DR

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

An administrator needs to install prism central for their 2550 multi-cluster environment. How should they deploy the application?

- A. Deploy a large 1-VM Prism Central instance.
- B. Deploy a small 1-VM Prism Central instance.
- C. Deploy a small 3-VM Prism Central instance.
- D. Deploy a large 3-VM Prism Central instance

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

An administrator is deploying several new application VMs to a Nutanix cluster. The application is very transactional with a 28/72 random, read/write ratio.

What should the administrator do?

- A. Add a minimum of four virtual disks to each VM, and aggregate them on guest OS level.
- B. Add a minimum of four SSDs to each node to ensure all writes go to the SSDs.
- C. Add one large virtual disk to each VM. and use it for all application data.
- D. Add one large SSD to each node and enable Flash Mode for the VMs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

In an AHV cluster, an administrator needs to enable an application to share a disk b group but needs to enable the VMs to see the volume group.

How should the administrator accomplish this task?

- A. Create a shared folder for the VMs using Nutanix Files.
- B. Configure a virtual disk on each VM with identical attributes in the storage dashboard.
- C. Add a disk to one VM and enable read/write on it from the other VM.
- D. Add the volume group to the VM using the update link from the VM dashboard.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 28

An administrator is performing a set of routine checks and notes that Prism Central is running with 4 vCPUs and 21 GB RAM. The organizations environment is based on two Nutanix clusters with 170 VMs plus a Legacy vSphere infrastructure. No manual changes have been done on Prism Central VM.

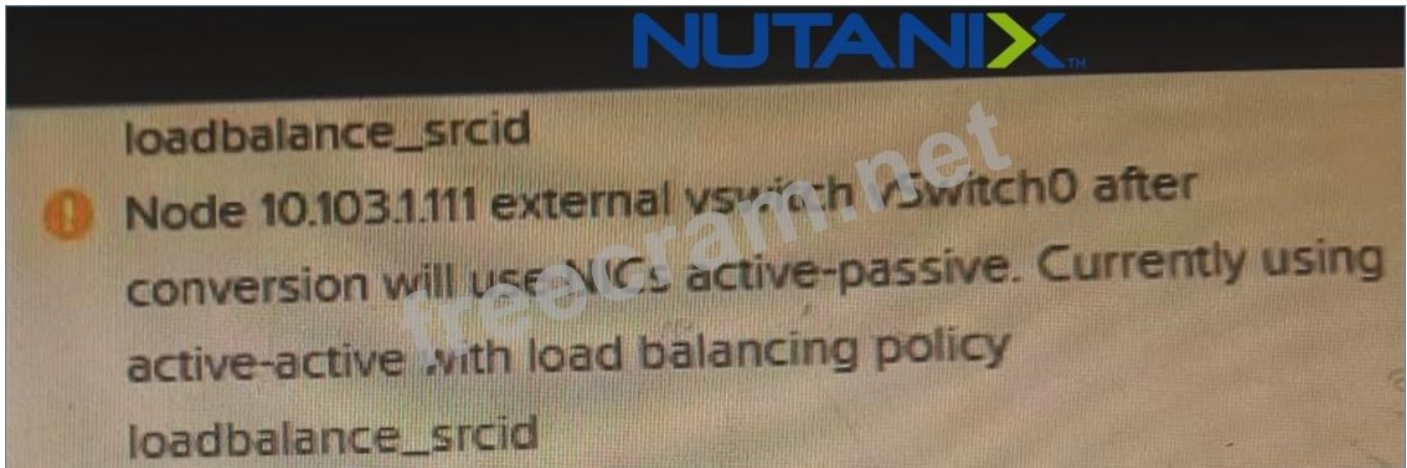
Which configuration justifies the current Prism Central configuration?

- A. Prism Central was installed for Large Deployment environments.
- B. Nutanix Move is running on Prism Central to import VMs from the Legacy Cluster.
- C. Nutanix Leap and Nutanix Flow have been enabled on Prism Central
- D. Prism Central is running on the legacy duster and requires more RAM.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Refer to the exhibit.



An administrator receive the warning messages shown in the exhibit while validating cluster conversion from EXSi to AHV.

What should the administrator do to address this warning in v Center Server?

- A. Remove the standby adapters under Teaming and Failover.
- B. Remove adapters that are active but not homogeneous.
- C. Keep active adapters of different speeds as active standby
- D. Keep homogeneous adapter as active and standby

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

After the migration, some SQL queries take longer to execute than prior to migration. The following SQL best practices were applied while creating the SQL VM on Nutanix:

- * 8 vDisks per SQL server VM
- * Database and Log files on separate vDisk
- * 2 TempDB database drives and 1 TempDB log drive

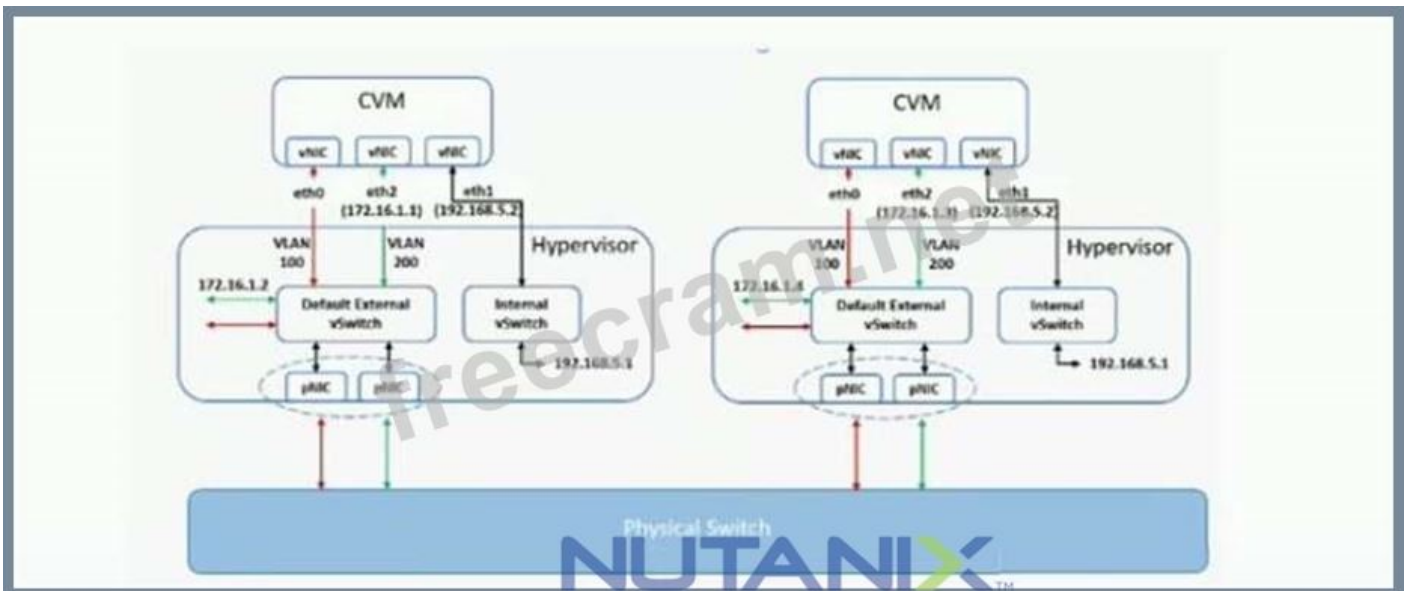
What should the administrator do to improve the SQL Server performance?

- A. Create multiple TempDB data files and enable autogrowth
- B. Redistribute existing data by creating additional database files and disable autogrowth
- C. Create multiple SQL log files and disable autogrowth
- D. Redistribute existing data by creating additional database file and enable autogrowth

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

Refer to the exhibit.



What is the purpose of eth2 on the CVMs?

- A. Remote site connectivity
- B. RDMA Network Segmentation
- C. iSCSI connectivity
- D. Network Segmentation

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

An administrator has Created a new VM, but When accessing the console to monitor the guest install, the administrator sees the effect shown in the exhibit.

What is the likely cause of this issue?

- A. the installation media was not mounted
- B. The boot order is incorrectly configured
- C. the nutanix virtIO driver was not mounted
- D. The Wrong type of disk was specified

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

Refer to the exhibit.



An administrator creates a security policy that isolates their financial application from accessing the Internet. When viewing the policy in Prism Central, several connections from the application are outbound to the Internet.

What is causing this issue with the policy?

- A. The 0.0.0.0 address was not specified in the outbound rule.
- B. The blocked connections are illustrated for information only.
- C. The Activate box was not checked in the rule, so it is not enforcing.
- D. The policy has been left in monitor mode instead of enforcing mode.

Answer: ([SHOW ANSWER](#))

<https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v510:mul-security-policy-management-pc-c.html>

NEW QUESTION: 34

An administrator has been tasked with delivering a report on all nutanix Field Advisors (FAs) Affecting each of the clusters.

What is the most efficient way to collect this data?

- A. Use Prism to run NCC and Check for information on FAs
- B. Review the discoveries information on the support Portal
- C. Request an environmental audit from the Nutanix Support
- D. Review Field Advisories published on the Support Portal

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 35

Refer to the exhibit.



Based on the exhibit, What can be definitively determined about host DEMO-AHV-2

- A. It is hosting a higher Quantity of VMs than the other nodes
- B. The System Memory is undersized
- C. it has performed more on disk lookups than the other nodes
- D. It's cache is undersized compared to the other nodes

Answer: C (LEAVE A REPLY)

NEW QUESTION: 36

An Administrator expanded the disk capacity on a windows VM, but the VM operator saw no difference in its space.

Which Addition task must the administrator take ?

- A. reboot the virtual machine
- B. Reconnect to the iscsi target
- C. Expand the current partition
- D. Convert to a dynamic Disk

Answer: C (LEAVE A REPLY)

NEW QUESTION: 37

A customer has a four-node cluster and is using Volume Groups to provide storage services to a SQL cluster.

In the event of a CVM failure in the cluster, what is the expected IO path of the volume group's iSCSI targets?

- A. vDisk directed to failed CVM are redirected to another CVM and automatically reconnect
- B. vDisk directed at failed CVM will disconnect and reconnect when the failed CVM comes back online
- C. vDisk directed at failure CVM are redirected to Data Services IP until CVM is reconnected
- D. vDisk directed to CVM that failed to disconnect and will not reconnect without manual intervention

Answer: A (LEAVE A REPLY)

NEW QUESTION: 38

An administrator recently added in 3 nodes to an existing 5 node cluster. While 1 node came with its own block, the other 2 nodes where added to an existing share. After adding the nodes, the administrator sees that the hardware tab displays the correct number of nodes, but incorrect position in the diagram tab.

What should the administrator do to resolve the issue?

- A. Check the factory_config.json for the two single nodes.
- B. Check the factory_config.json for all 3 nodes
- C. SSH into the CVMs and run genesis acropolis stop; cluster start
- D. SSH into CVM and perform genesis restart on each CVM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the QoS Policy? (Choose two.)

- A. The VM is missing the required snapshot needed to implement the QoS Policy.
- B. The VM was not created as an AFS virtual machine.
- C. The SQL Server VM has volume groups attached.
- D. It was cloned from another SQL Server VM that was a member of the QoS Policy.

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 40

Refer to the exhibit.



After performing ESXi to AHV conversion on a cluster, the alerts shown in the exhibit display on Prism. What should the administrator do to resolve this issue efficiently?

- A. Create a new Protection Domain and add the VMs to it.
- B. Delete the Protection Domain, create a new Protection Domain, and add the VMs to it
- C. Remove VMs from the Protection Domain and add them back in.
- D. Remove the VMs. create a new Protection Domain, and add VMs to it

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

Which two CVM components are used to provide data Locality? Choose 2

- A. Volume Group
- B. Extent Store
- C. Unified Cache
- D. Logical unit

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

Over the period of 2 to 3 weeks, a cluster displays the following:

- * Periods where Warning Alerts of memory usage over 75% are asserted
- * Periods where Critical Warnings of memory usage over 90% are asserted
- * Periods of slow or frozen VDI desktops have caused work stoppage or slowdown
- * VDI clones have periodically not powered up when called, causing work stoppage Which steps should be used to prioritize the administrator's troubleshooting efforts?

- A. * Review Analysis Page for memory use pattern
 - * Alert with VDI workload demand
 - * Analyze current and future workload in the Capacity Runaway tab for sufficient resources
- B. * Analyze Alert Pages for a root cause of memory problem
 - * Analyze VM table page to access the VM functionality
 - * Analyze the VDI Clone properties for possible VDI Workload stress
- C. * Check Analysis page for CPU demand
 - * Verify VDI workload property for memory subscription
 - * Review the Hardware page to determine if the cluster has sufficient RAM
- D. * Assess resource health on Hardware page
 - * Review the Analysis page for memory usage demand
 - * Determine the VDI workload-to-host affinity across the cluster

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

An administrator learns that some security settings in a cluster have been changed. The environment is out of compliance with required policies.

Which function should be used to revert any settings that have changed from the defaults and prevent further violations?

- A. Advanced Intrusion Detection Environment (AIDE)
- B. Cluster Lockdown with strong password enforcement
- C. Security Configuration Management Automation (SCMA)
- D. Defense Information Systems Agency STIG enforcement

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

An administrator needs to forecast infrastructure requirements for a new program and its associated applications. Prior to the projected start of the new program, all existing applications will be decommissioned.

How should the administrator perform this task?

- A. Check the Disregard Existing Nodes radio button in the Runway scenario.
- B. Check the Disregard Existing Workloads radio button in the Runway scenario.
- C. Add up the recovered workloads and manually remove from the Runway configuration.
- D. Power down the workloads during a maintenance window and run the Capacity Runway.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

A customer has NearSync configured. When the administrator tries to restore a snapshot from 3 minutes ago, it is not available. The snapshots are happening at 15-minute intervals instead of at the 5-minute configured interval. When the protection domain was initially set up, the snapshots were happening at the expected 5-minute interval.

What should the customer do to enable the snapshots to happen at the expected interval?

- A. Fix a connectivity issue because the protection domain reverted to Async
- B. Change the protection domain to use Async DR
- C. Utilize Metro Availability to meet this requirement
- D. Configure the protection domain to take snapshots on 15-minute intervals

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

An administrator is configuring an All Flash cluster to support the following workloads:

- * Full clone virtual desktops
- * Hadoop
- * Write heavy databases

Which three correct configuration options should the administrator use to meet the item requirements? (Choose three.) For each procedure, indicate whether it is a correct or incorrect procedure that must be configured to meet the item requirements using the drop-down option.

Procedure **NUTANIX™**

One container with compression and deduplication enabled for full clone virtual desktops

One container with compression and Erasure Coding enabled for Hadoop

One container with compression enabled for heavy databases

One container with deduplication enabled for full clone virtual desktops

One container with Erasure Coding enabled for Hadoop

One container with deduplication enabled for Hadoop

Correct/Incorrect

Select

Select

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Select

Correct

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Correct

Incorrect

Select

Select

Correct

Incorrect

Answer:

Procedure

One container with compression and deduplication enabled for full clone virtual desktops

One container with compression and Erasure Coding enabled for Hadoop

One container with compression enabled for heavy databases

One container with deduplication enabled for full clone virtual desktops

One container with Erasure Coding enabled for Hadoop

One container with deduplication enabled for Hadoop

Correct/Incorrect

Correct

Incorrect

Correct

Select


Select

Correct

Incorrect

Select

Reference:

Use Case	Example	Recommendation
User data	File server, user data vDisk	Post-process compression with 4–6 hour delay
VDI	VMware View, Citrix XenDesktop	VCAI snapshots, linked clones, full clones with inline deduplication No compression
Data processing	Hadoop, data analytics, data warehousing	Inline Compression 
Transactional applications	Exchange, Active Directory, SQL Server, Oracle	Native application compression where available, otherwise inline compression
Archive or backup	Handy Backup, SyncBack	Inline compression unless data is already compressed

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NEW QUESTION: 47

An administrator needs to configure the cluster to ensure all VMs are capable of being restarted in the event of a host failure.

Which option provides this functionality?

- A. Best Effort
- B. Live Migration
- C. VM Affinity
- D. HA Reservation

Answer: D (LEAVE A REPLY)

NEW QUESTION: 48

An administrator is deploying an application that requires maximum I/O throughput for scratch data. The administrator is concerned that the throughput requirement is greater than what can be provided by a single cluster node.

What should the administrator do to meet this requirement?

- A. Create several virtual disks attached to the VM's virtual SCSI controller
- B. Create a volume group with one virtual disk attached to the VM
- C. Create a volume group with several virtual disks and attach to the VM

D. Create a virtual disk attached to the VM's PCI interface

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

An administrator is deploying a new application to a Nutanix Enterprise Cloud. The application requires a security to prevent unauthorized access. The application also uses many non-standard ports that are unique to it. Security should not be changed for existing applications.

What should the administrator do to meet these requirement?

- A. Use existing categories for the VMs and modify existing security policies to include the specific port.
- B. Create new categories for the VMs, and modify existing security policies to include the new categories.
- C. Create new categories for the VMs, and create new security policies that include the new categories.
- D. Use existing categories for the VMs. and create new security policies to use the existing categories.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

An administrator reviews the error in the exhibit, the examines the state of the cluster, the administrator finds that the AHV host is up and Functional , but the cluster capacity is low.

What will happen to the VMs on the host with this controller VM?

- A. the will shutdown and be orphaned on the host
- B. They will remain on the current host
- C. they will reboot onto other nodes in the cluster
- D. they will be shutdown unless protected by a Protection Policy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

An administrator inherits a new Nutanix environment and logs in to a CVM to check the network configuration. The configuration is as follows:

```

nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_uplinks

Bridge: br0
  Bond: br0-up
    bond_mode: active-backup
    interfaces: eth3 eth2
    lacp: off
    lacp-fallback: True
    lacp_speed: slow

Bridge: br1
  Bond: eth0
    bond_mode: active-backup
    interfaces: eth0
    lacp: off
    lacp-fallback: false
    lacp_speed: slow

Bridge: br2
Bridge: br5

nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_interfaces

name  mode  link  speed
eth0   1000  True   1000
eth1   1000  True   1000
eth2   10000 True  10000
eth3   10000 True  10000
:
nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$

```

Which action should the administrator take to improve network performance?

- A. Configure VLAN tagging both on br0 and br1 and their physical interfaces.
- B. Configure balance-sib or balance-tcp mode for br0-up if switch configuration allows
- C. Add eth0 and eth1 to the br0-up bond
- D. Remove one 10 Gbs interface from br0-up to make sure all 10 Gbs can be used.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 52

A Nutanix cluster is deployed with the following configuration:

- * Three four-node blocks (A, B, and C)
- * All Flash Redundancy Factor 2

What is the effect of simultaneous disk failures on two nodes located in block A?

- A. VMs are migrated off of the nodes with disk failures.
- B. VM read and write operations continue normally.
- C. Each node with a failed disk is marked as degraded.
- D. VMs on the nodes with failed disks are unable to write data

Answer: (SHOW ANSWER)

NEW QUESTION: 53

An administrator needs to take a single node down for maintenance. Which two steps should the administrator take? (Choose two)

- A. Shut down or live migrate all VMs off of the node.
- B. Reclaim the licenses to the Nutanix Support Portal.
- C. Verify the data resiliency status of the cluster.
- D. Make sure Auto Evacuation is enabled

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

An organization subscribes to field advisories from the Nutanix support portal. An administrator receives an email about a rare problem that could cause cluster instability and affect the entire AOS cluster. The organization is running Vmware vsphere 6.x on Nutanix.

What action should be taken to resolve this issue?

- A. Open Prism Element and select Upgrade Software to update AOS.
- B. File a ticket to Nutanix Support and provide the Field Advisory ID.
- C. In Prism Central, select Life Cycle Management and perform LCM update.
- D. Use VMware Update Manager to update the cluster.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 55

An administrator has a 32-node hybrid cluster with CPU, RAM and storage utilization of 80%. A database VM is configured with VM Flash.

What is causing this IO latency?

- A. Curator scans causes by ILM constantly moving data.
- B. VM Flash Mode reduces SSD tier capacity for VMs.
- C. Controller VM is experiencing high CPU ready time.
- D. Database VM is experiencing high CPU ready time.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

For several days, an administrator notices the following alerts:

- * CVM NIC Speed Low Warning Alerts
- * Warning Alerts of CVM NIC not performing at optimal speed
- * CVM is disconnected from the network Critical Alert
- * Network Visualization page shows excessive dropped packets on CVM/Host Which steps should be taken to determine which problem should be addressed first?

- A. * Access the Hardware Page to verify resources are available
- * Analyze all CVM Speed Alerts in the Alerts/Events page
- * Analyze output for the network and interface properties and connectivity issues
- B. * Restart networking services on the CVM
- * Determine the current configuration of the affected CVM via output
- * Access the Alerts/Events page for the CVM network connection failures
- C. * Verify Host/CVM connectivity on the Network Visualization page

- * Use to verify the bridge and bond configuration
- * Review alerts/events page for the CVM disconnected error
- D. * Review Alerts page for NIC speed alerts and alert timing
- * Analyze the genesis.out log file for process failures
- * Assess the NIC properties in the Network Visualization > Host Properties page

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

A VM is exhibiting one or more of the following baseline values based on the past 30 days:

- * CPU usage < 20%
- * CPU ready time < 5%
- * Memory usage < 50% (moderately) or < 20% (severely)
- * Memory swap rate = 0 Kbps

Which type of VM is being described?

- A. Constrained VM
- B. Inactive VM
- C. Bully VM
- D. Over-Provisioned VM

Answer: ([SHOW ANSWER](#))

Finding Waste and Right-Sizing VMs

The VM efficiency features in Prism Pro recommend VMs within the environment that are candidates for reclaiming unused resources that you can then return to the cluster. Click each tab to learn more.

Overprovisioned

- An overprovisioned VM is the opposite of a constrained VM, meaning it is a VM that is over-sized and wasting resources which are not needed. A VM is considered over-provisioned when it exhibits one or more of the following baseline values, based on the past 30 days: CPU usage < 50% (moderate) or < 20% (severe) and CPU ready time < 5%, Memory usage < 50% (moderate) or < 20% (severe), and memory swap rate = 0 Kbps.

Inactive

- A VM is inactive in either of the following states: A VM is considered dead when it has been powered off for at least 30 days. A VM is considered a zombie when it is powered on but does fewer than 30 read or write I/Os (total), and receives or transfers fewer than 1000 bytes per day for the past 30 days.

Constrained

- A constrained VM is one that does not have enough resources for the demand and can lead to performance bottlenecks. A VM is considered constrained when it exhibits one or more of the following baseline values, based on the past 30 days: CPU usage > 90% (moderate), 95% (severe) CPU ready time > 5% , 10% Memory usage > 90%, 95%, Memory swap rate > 0 Kbps (no moderate value).

Bully

- A bully VM is one that consumes too many resources and causes other VMs to starve. A VM is considered a bully when it exhibits one or more of the following conditions for over an hour: CPU ready time > 5%, memory swap rate > 0 Kbps, host I/O Stargate CPU usage > 85%.

NEW QUESTION: 58

An administrator needs to replace an aging SAN and move to a hyper-converged infrastructure. The existing environment consists of the following hosts that are connected to the SAN:

- * 5x AIX hosts
- * 3x Hyper-V hosts
- * 9x ESXi hosts
- * 2x physical SQL Clusters (Windows Server 2012R2 hosts)

After deploying a Nutanix AHV cluster, which two actions should the administrator take to meet the requirements? (Choose two.)

- A. Deploy Volumes to support the AIX and SQL workloads.
- B. Deploy Files to support the AIX hosts.
- C. Migrate the ESXi and Hyper-V workloads using Move.
- D. Migrate the ESXi workloads to AHV using Move.

Answer: ([SHOW ANSWER](#))

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