Nutanix

Exam Questions NCP-MCI-6.10

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI v6.10)

About Exambible

Your Partner of IT Exam

Found in 1998

Exambible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, Exambible has its unique advantages that other companies could not achieve.

Our Advances

* 99.9% Uptime

All examinations will be up to date.

* 24/7 Quality Support

We will provide service round the clock.

* 100% Pass Rate

Our guarantee that you will pass the exam.

* Unique Gurantee

If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

NEW QUESTION 1
An administratorwants to ensure that VMscan bemigrated and restarted on another nodein the event of asingle-host failure.
What action should be taken in Prism Element to meet this requirement?

A. SetRedundancy Factor to 3.
B. EnableHA Reservation.
C. Configure aProtection Domain.
D. Configure anRF1 storage container.

Answer: B

Explanation:
To ensureVM high availability (HA) in the event of a node failure, the administrator mustenable HA Reservation (Option B)in Prism Element.
? High Availability (HA) in Nutanix ensures that VMs restart on another available node if the host they are running on fails.
? Option A (Redundancy Factor 3)affectsstorage redundancy, not VM failover.
? Option C (Protection Domains)is related todisaster recovery (DR), not local HA failover.
? Option D (RF1 Storage Container)would reduce fault tolerance and is not recommended for production environments.
References:
? Nutanix Prism Element Guide Configuring HA Reservation
? Nutanix Bible High Availability (HA) and Failover
? Nutanix Support KB VM Recovery with HA Enabled

NEW QUESTION 2
Which two entities can be categorized? (Choose two.)

A. Storage Containers
B. Alerts
C. Virtual Machines
D. ISO Images

Answer: BC

Explanation:
In Nutanix Prism Central,categoriesallow administrators togroup and organize entities for management, automation, and policy enforcement.
? Alerts (Option B) can be categorizedto group similar system events and create filtering rules.
? Virtual Machines (Option C) can be categorizedto apply security policies, automation tasks, and resource allocation rules.
? Option A (Storage Containers) cannot be categorizedin Prism Central. Storage policies apply at the container level but are not managed via categories.
? Option D (ISO Images) cannot be categorizedbecause ISOs arestatic objects, not active entities.
References:
? Nutanix Prism Central Guide Working with Categories
? Nutanix Bible Category-Based Management and Security Policies
? Nutanix KB Using Categories for VM Management in Prism Central

NEW QUESTION 3
Theteam leads of a development environmentwant tolimit developer accessto a specific set ofVMs.
What is the most efficient way to enable the team leads to directly manage these VMs?

A. Create arole mappingfor each team lead and assign appropriately.
B. Create aVPCfor each team lead and give themVPC Admin.
C. Create aProjectfor each team lead and assign access.
D. CreateSecurity Policiesto isolate users.

Answer: C

Explanation:
Themost efficient wayto allow team leads to manage aspecific set of VMsis bycreating a Project (Option C)in Prism Central and assigning the team leads to that Project.
? Nutanix Projects allow administrators to control VM accessbased on groups and permissions, ensuring that users only manage VMs assigned to their project.
? Option A (Role Mapping)applies more broadly to roles but does not restrict access to specific VM groups.
? Option B (VPC Admin)is related to network segmentation, not VM access control.
? Option D (Security Policies)are used for network and firewall rules, not VM access control.
References:
? Nutanix Prism Central Projects and Role-Based Access Control (RBAC)
? Nutanix Bible Multi-Tenancy and Project-Based Access Control
? Nutanix KB Setting Up Role-Based Access Control (RBAC) for Prism Central

NEW QUESTION 4
An administrator needs to ensure that aVM is powered on before the rest of the VMs when starting a host.
Which configuration option allows this behavior?

A. Recovery Plan
B. Host Affinity
C. High Availability
D. Agent VM

Answer: C

Explanation:

High Availability (HA) in Nutanixprovidespriority-based VM restart capabilitiesto ensure that certain VMs are powered onbefore othersin the event of ahost reboot or failure.
? Option C (High Availability) is correct:
? Option A (Recovery Plan) is incorrect:
? Option B (Host Affinity) is incorrect:
? Option D (Agent VM) is incorrect:
References:
? Nutanix Prism Element Guide Configuring HA Reservation and VM Priority
? Nutanix Bible High Availability (HA) and VM Failover
? Nutanix KB VM Restart Priority in High Availability Configurations

NEW QUESTION 5
Whichtwo URLs must be accessiblefrom aConnected Site??s Controller VMsto allow Life Cycle Manager (LCM) to download software updates?

A. download.nutanix.com
B. mynutanix.com
C. release-api.nutanix.com
D. portal.nutanix.com

Answer: AC

Explanation:
LCM (Life Cycle Manager) fetches software updates from Nutanix??s repositories, requiring access to specific URLs.
? Option A (download.nutanix.com) is correct:
? Option C (release-api.nutanix.com) is correct:
? Option B (mynutanix.com) is incorrect:
? Option D (portal.nutanix.com) is incorrect:
References:
? Nutanix LCM GuideFirewall Rules for LCM Connectivity
? Nutanix KBTroubleshooting LCM Update Failures

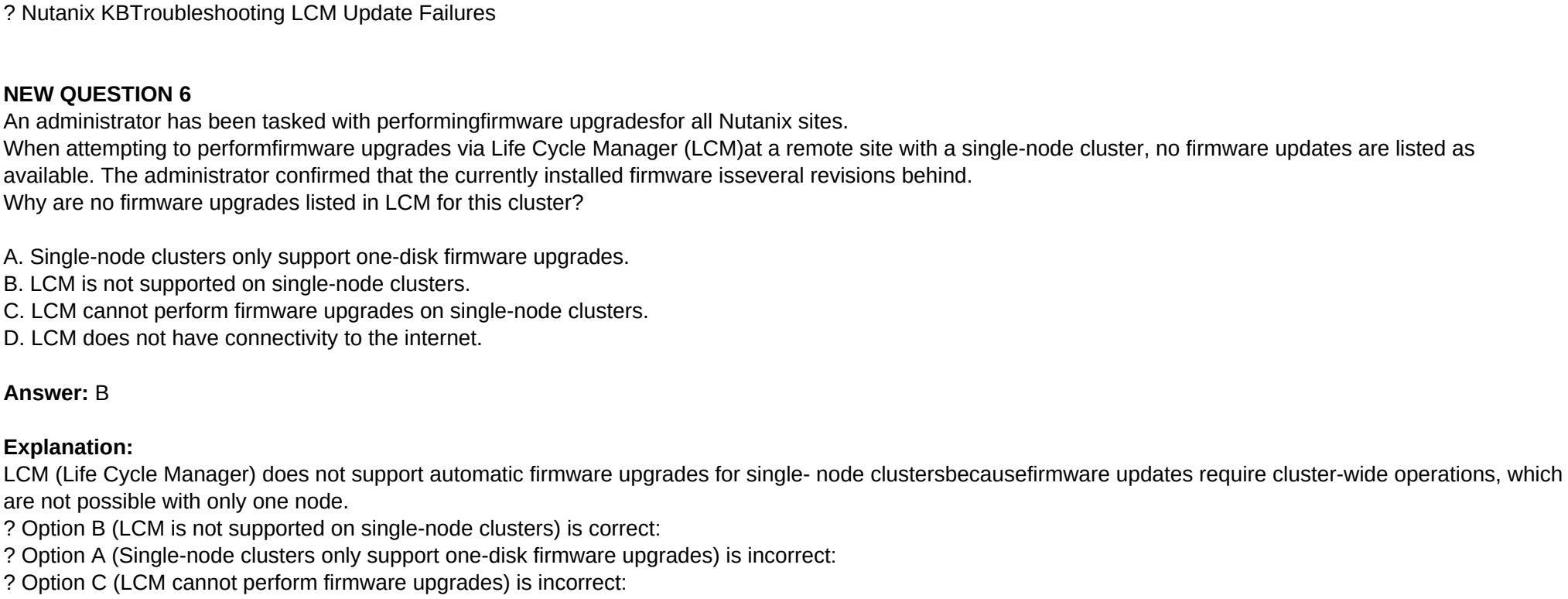
NEW QUESTION 6
An administrator has been tasked with performingfirmware upgradesfor all Nutanix sites.
When attempting to performfirmware upgrades via Life Cycle Manager (LCM)at a remote site with a single-node cluster, no firmware updates are listed as available. The administrator confirmed that the currently installed firmware isseveral revisions behind.
Why are no firmware upgrades listed in LCM for this cluster?

A. Single-node clusters only support one-disk firmware upgrades.
B. LCM is not supported on single-node clusters.
C. LCM cannot perform firmware upgrades on single-node clusters.
D. LCM does not have connectivity to the internet.

Answer: B

Explanation:
LCM (Life Cycle Manager) does not support automatic firmware upgrades for single- node clustersbecausefirmware updates require cluster-wide operations, which are not possible with only one node.
? Option B (LCM is not supported on single-node clusters) is correct:
? Option A (Single-node clusters only support one-disk firmware upgrades) is incorrect:
? Option C (LCM cannot perform firmware upgrades) is incorrect:
? Option D (LCM lacks internet connectivity) is incorrect:
References:
? Nutanix LCM Guide Firmware Upgrade Considerations for Single-Node Clusters
? Nutanix KB Why LCM Updates Are Not Available for Single-Node Deployments

NEW QUESTION 7
The customer expects to maintain a cluster runway of 9 months. The customer doesn??t have a budget for 6 months but they want to add new workloads to the existing cluster.



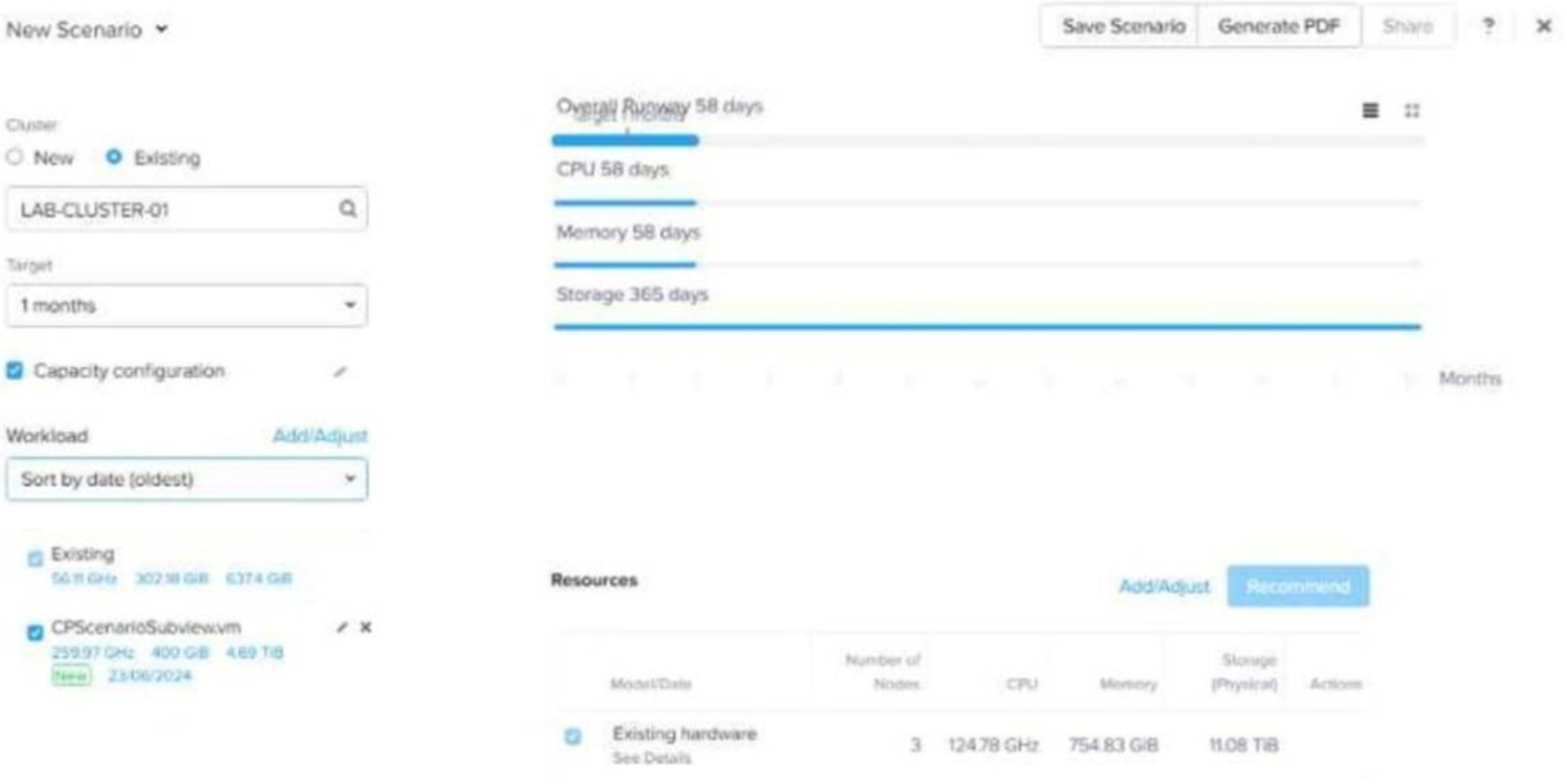
Based on the exhibit, what is required to meet the customer's budgetary timeframe?

A. Add resources to the cluster.
B. Postpone the start of new workloads.
C. Delete workloads running on the cluster.
D. Change the target to 9 months.

Answer: A

Explanation:
The exhibit shows that theoverall runway is only 66 days, meaning that the current clusterdoes not have enough capacity to sustain workloads for 6 months, let alone 9 months.
? The best solution is toadd resources to the cluster(Option A), such as CPU, memory, or storage, to extend the runway.
? Postponing new workloads(Option B) may help in the short term but does not align with the business need to continue adding workloads.
? Deleting workloads(Option C) is not a viable option because the customer wants to add more, not remove them.
? Changing the target to 9 months(Option D) does not change the actual resource constraints; it only alters the target timeframe.
References:
? Nutanix Prism Central Capacity Planning and Runway Analysis
? Nutanix Bible Cluster Resource Management and Scaling
? Nutanix Support KB How to Extend Cluster Runway with Resource Scaling

NEW QUESTION 8
Refer to Exhibit:



After adding new workloads, why isOverall Runway below 365 daysandthe scenario still shows the cluster is in good shape?

A. Because Storage Runway is still good.
B. Because new workloads are sustainable.
C. Because there are recommended resources.
D. Because the Target is 1 month.

Answer: B

Explanation:
InNutanix Capacity Planning,Overall Runwayrepresents how long the cluster can support current and new workloads before resources are exhausted.
? Even if the runway is below 365 days, the system considers the cluster to be in good shape if new workloads are sustainable (Option B).
? Option A is incorrect: Storage runway alone is not the only factor; CPU and memory are equally important.
? Option C is incorrect: The presence of recommended resources does not mean the cluster is in good shape.
? Option D is incorrect: The target of 1 month affects projections but does not explain why the cluster is in good shape.
References:
? Nutanix Prism Central Capacity Runway and Planning
? Nutanix Bible Workload Placement and Cluster Sizing
? Nutanix Support KB Capacity Planning Best Practices

NEW QUESTION 9
An administrator isprotecting an application and its datastored onVolume Groupsusing Protection Domains.
Duringfailover tests, allapplication VMs restore successfully, but theapplication data is completely missing.
How can the Protection Domain configuration be adjusted to avoid this issue in the future? (Choose two.)

A. Select the "Auto protect related entities" checkbox.
B. Manually add Volume Groups to Protected Entities.
C. Place Volume Groups in a separate Protection Domain.
D. Use application-consistent snapshots.

Answer: AB

Explanation:
Protection Domains (PDs) in Nutanix ensure that entire applications and their associated data are protected during failover.However,Volume Groups (VGs) are not automatically includedunless explicitly configured.
? Option A (Select "Auto protect related entities") is correct:
? Option B (Manually add Volume Groups to Protected Entities) is correct:
? Option C (Place Volume Groups in a separate Protection Domain) is incorrect:
? Option D (Use application-consistent snapshots) is incorrect:
References:
? Nutanix Disaster Recovery GuideProtection Domain Configuration and Volume Groups
? Nutanix KBEnsuring Volume Groups Are Included in Disaster Recovery Failovers

NEW QUESTION 10
An administrator wants toclean up inactive VMsusingVM Efficiency in Nutanix. The business requires that VMs must beinactive for 120 daysbefore deletion.
A Playbook was created to deleteDead and Zombie VMswith a99-day wait period after they are marked inactive.
How long will have passed before these VMs are deleted? (Choose two.)

A. For Dead VMs, the wait before deletion is 120 days.
B. For Zombie VMs, the wait before deletion is 129 days.
C. For Dead VMs, the wait before deletion is 129 days.
D. For Zombie VMs, the wait before deletion is 120 days.

Answer: BC

Explanation:
Dead VMs and Zombie VMs are different classifications of inactive VMs in Nutanix, and their deletion timelines depend on Playbook configuration.
? Dead VMs Consideredinactive after 30 days, then must wait99 more daysbefore deletion.
? Zombie VMs Consideredinactive after 30 days, then must wait99 more daysbefore deletion.
References:
? Nutanix Prism Central GuideUsing VM Efficiency to Manage Inactive VMs
? Nutanix KBConfiguring Playbooks for Automatic VM Cleanup

NEW QUESTION 10
An administrator observes an alert in Prism for ahybrid SSD/HDD cluster: "Storage Pool SSD utilization consistently above 75%."
What is the potential impact of this condition?

A. The cluster is unable to sustain an SSD disk failure.
B. The cluster may be nearly out of storage for metadata.
C. The cluster is at risk of entering a read-only state.
D. Average I/O latency in the cluster may increase.

Answer: D

Explanation:
High SSD utilization in a hybrid cluster can lead to increased I/O latency as new writes may spill over to HDDs, reducing overall performance.
? Option D (Average I/O latency in the cluster may increase) is correct:
? Option A is incorrect:
? Option B is incorrect:
? Option C is incorrect:
References:
? Nutanix Storage Performance GuideSSD Tiering and Performance Management
? Nutanix KBManaging High SSD Utilization in Hybrid Clusters

NEW QUESTION 13
An administrator is configuringNutanix Disaster Recovery (DR)for across-hypervisor setup (ESXi to AHV)but finds thatguest VMs do not recover properly at the DR location.
What is required for a successful cross-hypervisor DR event?

A. Utilize delta disks.
B. Deploy Legacy BIOS boot on hosts within the cluster.
C. Use raw device mappings.
D. Nutanix Guest Tools (NGT) must be installed on source guest VMs.

Answer: D

Explanation:
For cross-hypervisor DR failover (e.g., ESXi to AHV), Nutanix Guest Tools (NGT) must be installed on VMs to ensure proper configuration and recovery.
? Option D (NGT must be installed on source guest VMs) is correct:
? Option A (Utilize delta disks) is incorrect:
? Option B (Deploy Legacy BIOS boot) is incorrect:
? Option C (Use raw device mappings) is incorrect:
References:
? Nutanix Disaster Recovery GuideCross-Hypervisor Failover Best Practices
? Nutanix KBEnsuring VM Compatibility During ESXi to AHV DR

NEW QUESTION 15
An administrator is configuringProtection Policiesto replicate VMs to aNutanix Cloud Cluster (NC2)over the internet.
To comply with security policies, how should data be protected during transmission?

A. Configure Data on a self-encrypting drive.
B. Configure VMs to use UEFI Secure Boot.
C. Enable Data-at-Rest Encryption.
D. Enable Data-in-Transit Encryption.

Answer: D

Explanation:
Data-in-Transit Encryption ensures that replication traffic is encrypted while being sent over the internet.
? Option D (Enable Data-in-Transit Encryption) is correct:
? Option A (Self-encrypting drive) is incorrect:
? Option B (UEFI Secure Boot) is incorrect:
? Option C (Data-at-Rest Encryption) is incorrect:
References:
? Nutanix Security Guide Configuring Data-in-Transit Encryption
? Nutanix KB Protecting Replication Traffic Over Public Networks

NEW QUESTION 16
An administrator needs to set up aprotection policyin preparation for aDisaster Recovery (DR) test.
What is the first step required to satisfy this task?

A. Install NGT (Nutanix Guest Tools) on VMs where applications are supported.
B. Create an Availability Zone between Production and DR.
C. Convert the source cluster to AHV.
D. Create a point-in-time snapshot of source VMs.

Answer: B

Explanation:
For NutanixDisaster Recovery (DR) protection policies, thefirst stepis to establish a connection between theProduction cluster and the DR site, which is done by creating an Availability Zone (AZ) (Option B).
? Availability Zones (AZs) define remote sites for replicationand are a requirement for configuring protection domains and disaster recovery plans.
? Option A (Installing NGT)is not necessary for setting up replication but is useful for application-consistent snapshots.
? Option C (Converting the source cluster to AHV)is not required, as Nutanix supports cross-hypervisor DR betweenESXi and AHV.
? Option D (Creating a point-in-time snapshot)is a later step after setting up theAvailability Zone and Protection Policy.
References:
? Nutanix Protection Policies and DR Documentation
? Nutanix Bible Disaster Recovery Planning
? Nutanix Support KB Configuring Availability Zones in Prism Central

NEW QUESTION 21
An administrator needs to enableWindows Defender Credential Guardto comply with company policy.
The new VM configurations include:
? Legacy BIOS
? 4 vCPUs
? 8 GB RAM
? Windows Server 2019
What must be changed in order to properly enable Windows Defender Credential Guard?

A. Update vCPU to 8.
B. Enable UEFI with Secure Boot.
C. Use Windows Server 2022.
D. Update Memory to 16GB.

Answer: B

Explanation:
Windows Defender Credential Guard requires UEFI firmware and Secure Boot to function properly.
? Option B (Enable UEFI with Secure Boot) is correct:
? Option A (Update vCPU to 8) is incorrect:
? Option C (Use Windows Server 2022) is incorrect:
? Option D (Update Memory to 16GB) is incorrect:
References:
? Microsoft DocsRequirements for Windows Defender Credential Guard
? Nutanix AHV VM Management GuideEnabling Secure Boot & UEFI for WindowsVMs

NEW QUESTION 22
An administrator is preparing for afirmware upgradeon a host and wants to manually migrate VMs before executing the LCM upgrade. However,one VM is unable to migratewhile others migrate successfully.
Which action would fix the issue?

A. EnableAcropolis Dynamic Scheduling (ADS)at the cluster level.
B. UpdateLink Layer Discovery Protocol (LLDP).
C. DisableAgent VMwithin the VM configuration options.
D. Configurebackplane port groupsthat are assigned to the CVM.

Answer: C

Explanation:
If aVM is unable to migrate, the most likely cause is that it is anAgent VM(such as a Nutanix Witness VM or a VM with special dependencies).

? Option C (Disable Agent VM) is correct:
? Option A (Enable ADS) is incorrect:
? Option B (Update LLDP) is incorrect:
? Option D (Configure backplane port groups)is incorrect:
References:
? Nutanix Prism Element Guide Managing Agent VM Settings
? Nutanix Bible Host Maintenance and VM Live Migration
? Nutanix KB Troubleshooting VM Migration Failures in AHV

NEW QUESTION 26
An administrator wants toenable application discoveryon aNutanix clusterto monitor applications. APrism Central instanceis alreadyconfigured with sufficient CPU and memory.
What other prerequisites must be met before enabling application discovery? (Choose two.)

A. Sufficient Prism Central VM resources
B. Internet connection
C. API key and key ID
D. Network controller is enabled

Answer: AB

Explanation:
Application discovery in Prism Central requires sufficient Prism Central resources and an active internet connection to retrieve application signatures.
? Option A (Sufficient Prism Central VM resources) is correct:
? Option B (Internet connection) is correct:
? Option C (API key and key ID) is incorrect:
? Option D (Network controller enabled) is incorrect:
References:
? Nutanix Prism Central Guide Enabling and Using Application Discovery
? Nutanix KB Requirements for Application Discovery in Prism Central

NEW QUESTION 30
Refer to Exhibit:

An administrator is looking at thememory cluster runway diagramas shown in exhibit,in Prism Central. The environment hasthree hostswith the following configuration:
? CPU: 2x Intel Xeon Gold (8 cores, 2.6 GHz)
? RAM: 256 GB per host
? Storage: SSDs and HDDs
TheIntelligent Operations featurehas been active forone month, but no further configurations were applied.
What does the dotted red line mean?

A. It is thedefault trend analysis static thresholdthat can be manually set.
B. It is themaximum memory the administrator can assign to VMs.
C. It is thecalculated memory oversubscription limitfor currently running VMs.
D. It is theusable capacity based on cluster configuration options.

Answer: D

Explanation:

hePrism Central Memory Cluster Runway Diagramprovides insights into memory usage trends, predicting how long the cluster can sustain workloads before exhausting resources.
? Thesolid blue arearepresents theactual memory consumption over time.
? Thedotted red linerepresents theeffective memory capacity limitbased on the cluster's current configuration.
Analyzing the Dotted Red Line
Thedotted red line is labeled "Effective Capacity: 503.22 GiB", which means:
? It is the totalusable memory capacityin the cluster after consideringhypervisor overhead, redundancy settings, and failover capacity.
? This value isnot a hard limitbut an indication ofthe available memory before potential performance issues occur.
Evaluating the Answer Choices
(A) It is the default trend analysis static threshold that can be manually set.(Incorrect
)
? Thedotted red line is not a static thresholdthat an administrator can manually configure.
? Trend analysis in Prism isdynamicand based on workload history and projections.
(B) It is the maximum memory the administrator can assign to VMs.(Incorrect)
? Administrators canoversubscribememory beyond the dotted red line if memory overcommitment is enabled.
? However, oversubscribing memory beyondeffective capacitymay impact performance.
(C) It is the calculated memory oversubscription limit for currently running VMs.(Incorrect)
? The dotted red linedoes not represent oversubscription limits.
? Memory oversubscription depends onhypervisor memory ballooning, compression, and swappingmechanisms, which are not directly shown here.
(D) It is the usable capacity based on cluster configuration options.(Correct Answer)
? Thedotted red line (503.22 GiB)represents theactual usable memory availablein the cluster after factoring in system overhead.
? This value is determined by:
Multicloud Infrastructure References & Best Practices
? Prism Central??s "Runway" featureprovidesAI-driven trend analysisfor memory, CPU, and storage capacity.
? Theeffective capacity limithelps administrators makeproactive scaling decisionsbefore resources become critical.
? To increase thememory runway, administrators can:

NEW QUESTION 33
An administrator is working with anetwork engineerto design thenetwork architecture for a DR failover.
BecauseDNS is well-designed, theDR site will use a different subnetbutretain the same last octetin the IP address.
What is the best way to achieve this?

A. Use a custom script to update the IP address after instantiation in DR.
B. Set up IPAM so the address is dynamically assigned during DR.
C. Manually log into VMs after the DR event and update the last octet.
D. Utilize Recovery Plan Offset-based IP mapping.

Answer: D

Explanation:
Offset-based IP mapping in Nutanix Recovery Plans allows automatic subnet changes during DR failover.
? Option D (Utilize Recovery Plan Offset-based IP mapping) is correct:
? Option A (Custom script) is incorrect:
? Option B (Use IPAM) is incorrect:
? Option C (Manually update IPs) is incorrect:
References:
? Nutanix Disaster Recovery Guide Using Offset-Based IP Mapping
? Nutanix KB Best Practices for Managing IP Addresses in DR

NEW QUESTION 34
What feature allows receiving a weekly message about infrastructure performance summary?

A. Admin Center Life Cycle Manager
B. Prism Central Syslog
C. Infrastructure VMs List
D. Intelligent Operations Reports

Answer: D

Explanation:
NutanixIntelligent Operations Reports(Option D) provideweekly summariesof cluster health, performance, and resource consumption.
? These reports includerecommendations for optimization, alerts, and forecasted resource usage trends.
? Option A (Admin Center LCM)managesfirmware and software upgradesbut does not generate weekly performance reports.
? Option B (Prism Central Syslog)is used forlogging and event tracking, not performance summaries.
? Option C (Infrastructure VMs List)provides astatic list of VMsbut does not generate periodic reports.
References:
? Nutanix Prism Central Intelligent Operations and Reports
? Nutanix Bible Automated Insights for Cluster Health Monitoring
? Nutanix KB Using Intelligent Operations Reports for Capacity Planning

NEW QUESTION 35
Which update in LCM can an administrator apply on a per-node basis?

A. AOS
B. BMC
C. NCC
D. AHV

Answer: B

Explanation:
BMC (Baseboard Management Controller) updates can be applied per-node in Nutanix LCM, unlike AOS or AHV, which require cluster-wide upgrades.
? Option B (BMC) is correct:
? Option A (AOS) is incorrect:
? Option C (NCC) is incorrect:
? Option D (AHV) is incorrect:
References:
? Nutanix LCM User GuidePer-Node Firmware Updates
? Nutanix KBHow to Upgrade BMC Using LCM

NEW QUESTION 40
Due toapplication requirements, an administrator needs to support amulticast configurationin anAHV cluster.
Which AHV feature can be used to optimize network traffic so that multicast traffic is only forwarded to the VMs that need to receive it?

A. LACP
B. UDP
C. IGMP Snooping
D. Network Segmentation

Answer: C

Explanation:
Multicast traffic can generate unnecessary overhead if it is not properly managed.IGMP Snooping (Option C)ensures thatmulticast packets are only sent to VMs that have requested them, rather than broadcasting to all VMs.
? Option C (IGMP Snooping) is correct:
? Option A (LACP) is incorrect:
? Option B (UDP) is incorrect:
? Option D (Network Segmentation) is incorrect:
References:
? Nutanix AHV Networking Guide Enabling IGMP Snooping
? Nutanix Bible Network Traffic Optimization in AHV
? Nutanix KB Best Practices for Multicast Traffic in AHV

NEW QUESTION 44
Refer to the Exhibit:

Host 1 (128 GB)			
VMs	VM Memory (GB)	Utilized Memory (GB)	Unutilized Memory (GB)
VM1	64 GB	48 GB	16 GB
VM2	32 GB	20 GB	12 GB
VM3	32 GB	24 GB	8 GB
Total	128 GB	92 GB	36 GB

An administrator needs to create two virtual machines: VM4 and VM5 that leverage the memory over-commit feature.
Once VM4 is created and running, the administrator notices that it uses only 28GB of RAM. What will be the maximum RAM that can be allocated to VM5 so that it can be powered on?

A. 4GB
B. 8GB
C. 16GB
D. 32GB

Answer: B

Explanation:
Understanding the Exhibit & Memory Allocation
? Thehost has 128GB of physical RAM.
? Thecurrent memory allocationacrossthree VMs (VM1, VM2, VM3) is 128GB, but only92GB is actually utilized.
? This means there is36GB of unutilized memory available for allocation.
Step-by-Step Breakdown
? Existing Memory Usage Before Adding VM4
? After Creating and Running VM4
? Maximum Memory Allocation for VM5
Evaluating the Answer Choices
? (A) 4GB(Incorrect)
? (B) 8GB(Correct)
? (C) 16GB(Incorrect)
? (D) 32GB(Incorrect)
Key Concept: Nutanix Memory Overcommit
? Nutanix AHV supportsmemory overcommit, meaning VMs can be allocated more memory than physically available usingmemory ballooning and swapping.
? However,to power on VM5 without impacting performance, it must fit within the available unutilized memory, which is8GB.

NEW QUESTION 45
An administrator is configuring areplication scheduleonmultiple remote locations deployed using asingle-node cluster. The goal is to achieve thelowest possible RPO (Recovery Point Objective).

How should the administrator configure the replication schedule?

A. Configure NearSync replication.
B. Configure a schedule for 16 minutes up to 59 minutes.
C. Configure Async replication.
D. Configure a schedule for 1 minute up to 15 minutes.

Answer: D

Explanation:
Nutanix NearSync replication provides the lowest RPO (as low as 1 minute) and is the best option for minimizing data loss in DR scenarios.
? Option D (Configure a schedule for 1 minute up to 15 minutes) is correct:
? Option A (Configure NearSync) is incorrect:
? Option B (16 to 59 minutes) is incorrect:
? Option C (Async replication) is incorrect:
References:
? Nutanix Protection Policies GuideNearSync vs. Async Replication
? Nutanix BibleRPO and RTO in Disaster Recovery
? Nutanix KBConfiguring NearSync Replication for Single-Node Clusters

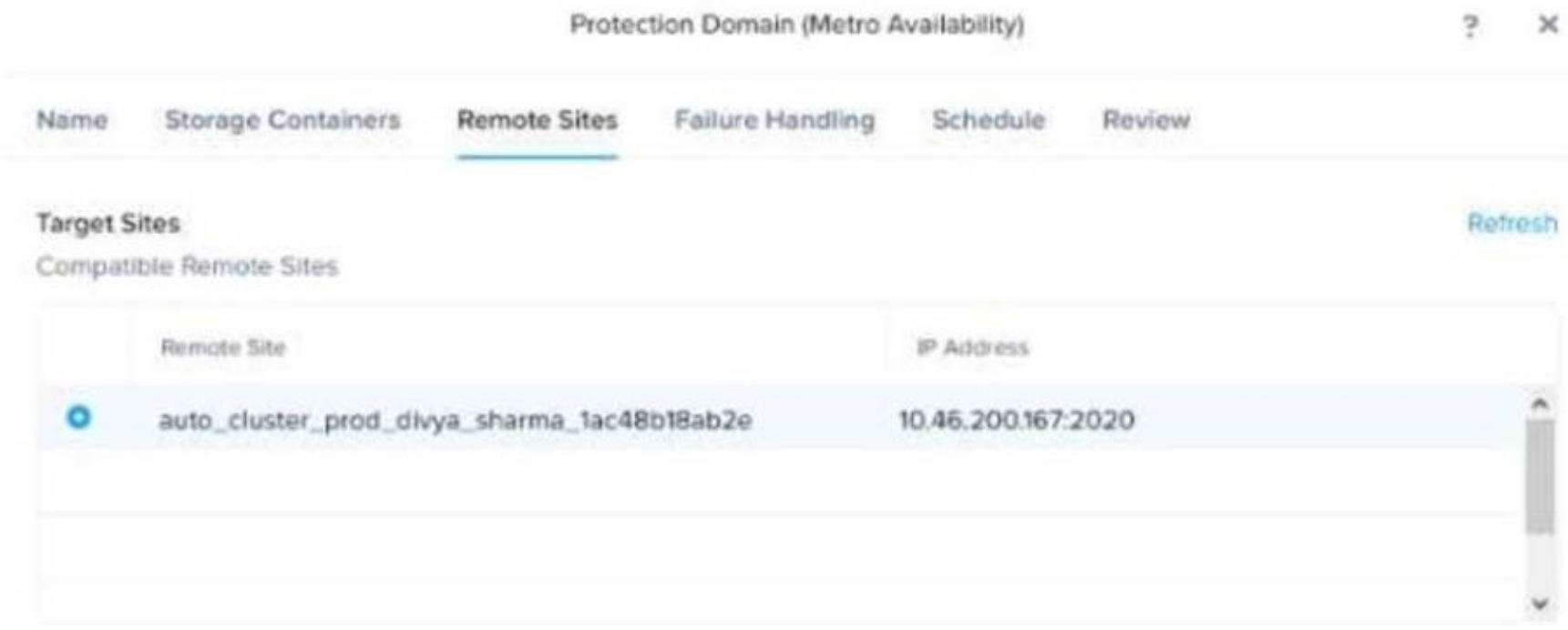
NEW QUESTION 50
ADisaster Recovery administratorhas set up aProtection Policy for 50 workloads, all configured similarly.
TheRPO is 60 minuteswith aspecified retention of 10 local copies, 5 remote copies, and crash consistency.
After activation,recovery points are not appearing at the DR site, even though they are
visible on the production side. What is the most likely issue?

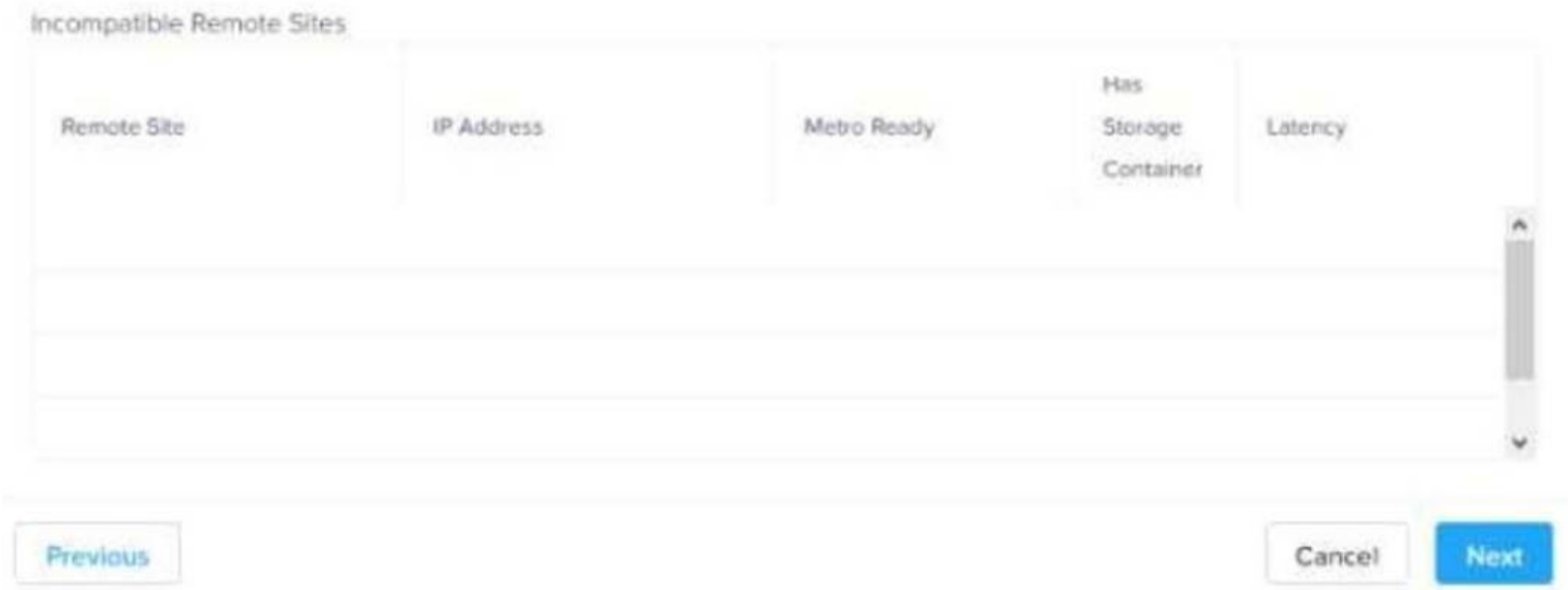
A. Nutanix Guest Tools (NGT) is not installed on the source VMs.
B. Windows updates need to be applied to all affected VMs.
C. The storage container name on the DR cluster does not match the production cluster.
D. The storage container RF factor does not match in both clusters.

Answer: C

Explanation:
For Disaster Recovery to function correctly, the source and destination storage containersmust have identical names.
? Option C (Storage container name mismatch) is correct:
? Option A (NGT not installed) is incorrect:
? Option B (Windows updates) is incorrect:
? Option D (Storage RF factor mismatch) is incorrect:
References:
? Nutanix Disaster Recovery GuideRequirements for Remote Replication
? Nutanix KBStorage Container Mapping for Protection Domains

NEW QUESTION 52
An administrator is trying toconfigure Metro Availabilitybetween NutanixESXi-based clusters. However, theCompatible Remote Sitesscreen does not list all required storage containers.





Which two reasons could be a cause for this issue? (Choose two.)

A. Source and destination hardware are from different vendors.
B. The remote site storage container has compression enabled.
C. The destination storage container is not empty.
D. Both storage containers must have the same name.

Answer: CD

Explanation:
Metro Availability in Nutanix requires that the primary and secondary storage containers be configured identicallyto ensuredata replication consistency.
? Option C (The destination storage container is not empty) is correct:
? Option D (Both storage containers must have the same name) is correct:
? Option A is incorrect: Metro Availability works regardless of hardware vendor differences.
? Option B is incorrect:Compression does not affect compatibilitybut may impact performance.
References:
? Nutanix Metro Availability Deployment Guide
? Nutanix Best Practices forConfiguring Remote Sites for Metro Availability
? Nutanix KB Troubleshooting Storage Container Issues in Metro Availability

NEW QUESTION 53
When expanding acluster, what is required toautomatically discover new nodes?

A. New nodes must have the same hypervisor version.
B. IPv6 multicast must be allowed on physical switches.
C. New nodes must have the same AOS version.
D. IPv4 multicast must be allowed on physical switches.

Answer: D

Explanation:
Nutanix uses IPv4 multicast for automatic node discovery and cluster expansion.
? Option D (IPv4 multicast must be allowed) is correct:
? Option A (Hypervisor version must match) is incorrect:
? Option B (IPv6 multicast) is incorrect:
? Option C (AOS version must match) is incorrect:
References:
? Nutanix Best Practices Cluster Expansion & Auto-Discovery
? Nutanix KB Why Nutanix Requires IPv4 Multicast for Node Discovery

NEW QUESTION 55
.....

Relate Links

100% Pass Your NCP-MCI-6.10 Exam with Exambible Prep Materials

https://www.exambible.com/NCP-MCI-6.10-exam/

Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - https://www.exambible.com/