NCP.prepaway.premium.exam.60q

Number: NCP
Passing Score: 800
Time Limit: 120 min
File Version: 1.0



NCP

Nutanix Certified Professional 5.10

Version 1.0

Exam A

QUESTION 1
An administrator needs to run a mixed Exchange and SQL workload with a guaranteed amount of container space for each application.

How should the administrator meet this requirement?

A. Create one container and set capacity reservation
B. Create two containers and reserve space for containers
C. Create one container and enable compression
D. Create two containers and reserve space for vDisks

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
A configuration is single domain, single forest, and does not use SSL.

Which port number should be used to configure LDAP?

A. 389
B. 3269
C. 636
D. 3268

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Web_Console_Guide-NOS_v4_0:wc_security_authentication_wc_t.html

QUESTION 3
Which best practice should be followed when creating a bond in a Nutanix cluster?

A. Place NICs of different speeds within the same bond
B. Configure the bond to use LACP
C. Only utilize NICs of the same speed within the same bond
D. Use the default bond configuration after installation

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/blog-40/maximum-performance-from-acropolis-hypervisor-and-open-vswitch-6312

QUESTION 4
A customer wants to isolate a group of VMs within their Nutanix environment for security reasons. The customer creates a VM with two NICs to act as a firewall and installs the appropriate software and certificates. However, no one from the outside can access the application.

What is the likely cause of this problem?

A. A shared volume group must be used by all isolated VMs
B. More than one NIC cannot be added to a VM
C. One of the NICs needs to be configured on the internal VLAN
D. Wireshark is installed on the NAT VM

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

A. 1
B. 2
C. 3
D. 5

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://nutanixbible.com/

QUESTION 6
What are two minimum prerequisites for live migration to succeed? (Choose two.)

A. All AHV hosts have IP addresses in the same subnet
B. All AHV hosts must be configured on the same VLAN
C. All VMs have an IP address in the same subnet
D. All VMs are configured for the same VLAN

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
How should an administrator enable secure access to **Volumes** using a password?

A. iSER
B. SAML
C. CHAP
D. LDAP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v51:wc-block-services-volume-group-create-wc-t.html

QUESTION 8

An administrator is working on a one-node ROBO cluster configuration.

Which statement is true for this configuration?

A. CVM should be assigned 8 vCPUs and 20 GB memory
B. Supported hardware is NX-1175S-G5 and NX-1175S-G6
C. The minimum RPO for this from factor is 8 hours
D. A Witness VM is required to break the quorum

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.nutanix.com/blog/unlocking-the-roboedge-it-landscape-with-the-launch-of-nutanix-1-node-cluster

QUESTION 9
An administrator receives an alert email that indicates that a health check has failed.

Which action should the administrator take to collect more information on the failed check?

A. In the Prism Web Console, select the URL included in the check details
B. Re-run the check from the CVM CLI using the `ncc` command
C. Forward the alert email to Nutanix Support requesting more information
D. Use the `ncli` command on the CVM to view the details of the check

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000CslNCAS

QUESTION 10
A cluster has RF2. The cluster loses two drives on different nodes in the same storage tier.

What is the effect on the replicas of the VMs?

A. Some VM data may be lost
B. No VMs lose data if the node has two or more SSDs
C. Some VMs may reboot and gain access to data
D. No VMs lose data because of RF2

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/how-it-works-22/disk-fault-tollerance-8822

QUESTION 11
An administrator needs to boot a VM to a bootable CD. The administrator tries to configure the VM to boot to it, selects to add disk, and goes to the images available. The image for the bootable CD is unavailable.

What is the likely issue?

A. The CD-ROM interface is too slow
B. The bootable CD image is corrupted during creation
C. The VM needs to have a standard disk attached before it can boot to a CD

D. The administrator selected a disk instead of an ISO when creating the image

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/prism-infrastructure-management-26/booting-vm-to-cd-no-drives-present-31800

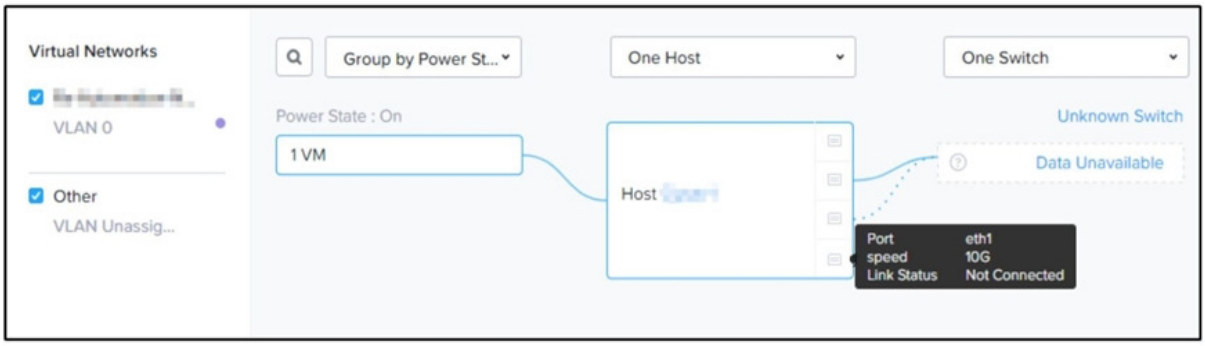
QUESTION 12
Which three cluster operations require an administrator to reclaim licenses? (Choose three.)

A. Upgrade a cluster
B. Migrate a cluster
C. Destroy a cluster
D. Move Nodes between clusters
E. Remove a Node from a cluster

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/how-it-works-22/re-claiming-a-cluster-license-37099

QUESTION 13
Refer to the exhibit.



An administrator logs in to Prism Element, goes to the **Network** view, and sees the output shown in the exhibit.

Which three steps must the administrator take to increase throughput to the host? (Choose three.)

A. Change the VLAN ID to a higher `priority ID`
B. Connect the 10Gb interfaces to the physical switch
C. Remove any 1Gb interfaces still connected from the default bond
D. Change the bond mode to `balance-slb` or `balance-tcp`
E. Add a new switch to the network and connect 1Gb interfaces to it

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14

In a default configuration of an AHV cluster, a single node fails.

What happens to the running VMs on that node?

A. The cluster restarts all VMs in the event of a host failure
B. The VMs do a live migration to the master node in the cluster
C. The VMs do a live migration to any other node in the cluster
D. The cluster attempts to restart VMs on other hosts

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_16:Web-Console-Guide-Prism-v5_16

QUESTION 15
An administrator is configuring data protection and DR for a multi-tier application. All VMs must be protected at the same time.

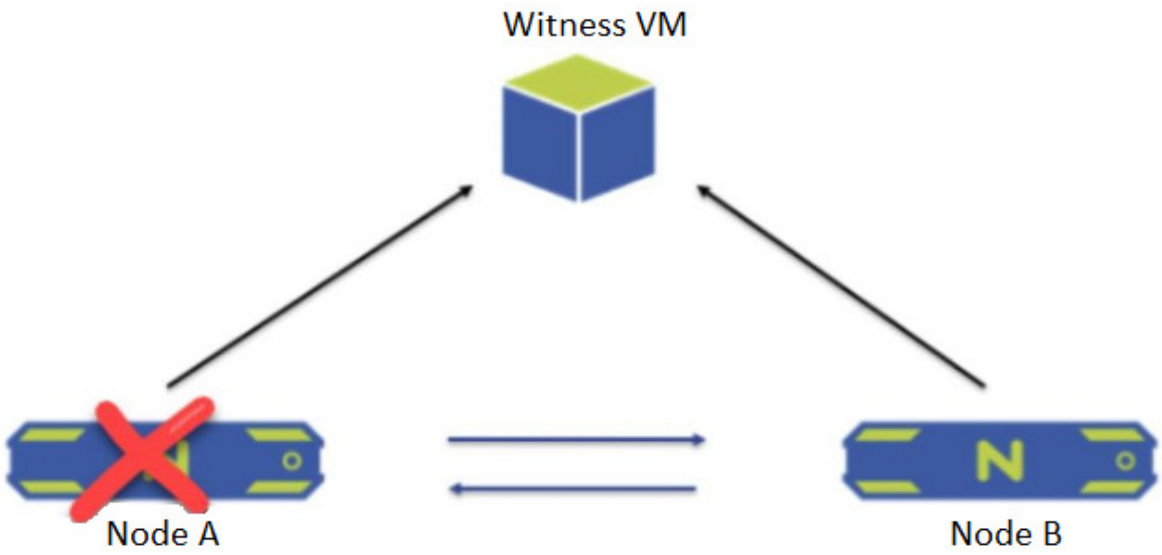
What must the administrator do to meet this requirement?

A. Create a consistency group for each VM with identical schedules
B. Create a consistency group for the application and place all VMs in it
C. Create a protection domain for the application and select `auto-protect related entities`
D. Create a protection domain for each VM with identical schedules

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Refer to the exhibit.



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

What happens when Node A goes down?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
CPU utilization climbs above 90% on several VMs. This causes performance degradation for a business-critical application.

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

A. On the Health dashboard, locate the **VM CPU Check** and lower the alert threshold below 90%.
B. On a CVM, use `ncli` to set the **VM CPU Check** threshold for the critical VMs to a value below 90%.
C. On the Alerts dashboard, ensure that the **VM CPU usage** alert is not set to `auto-resolve`.
D. On a CVM, configure a cron job to run the **VM CPU Check** more frequently and email the result.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_16:Web-Console-Guide-Prism-v5_16

QUESTION 18
When host affinity policies are enabled, how does this affect AHV cluster?

A. Microsegmentation rules will not be applied to VMs with affinity policies set on them
B. Host affinity rules do not affect any other aspects of the AHV cluster
C. Metro Availability will no longer work as designed and will result in *Split Brain*
D. The VM-host affinity cannot be applied on a cluster that has HA reservations configured

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
An administrator has an existing Nutanix cluster that is configured to protect VMs using **Time Stream**. The administrator now needs to add support for protecting these VMs in AWS.

Which two changes must be made to the cluster to meet this requirement? (Choose two.)

A. Configure protection domains with a 15-minute schedule
B. Add the remote site to the existing protection domains
C. Deploy a remote site for another cluster
D. Configure a remote site

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
A Nutanix administrator needs to replace a self-signed SSL certificate with a CA generated certificate in Prism.

Which three files are required to install the CA generated certificate in Prism? (Choose three.)

A. Private Server Key (private_server.key)
B. Public Certificate (PublicCert.ker)
C. Certificate Signing Request (server.csr)
D. Public Server Key (public_server.key)
E. CA Certificate or Chain (ca_chain_certs.cer)

Correct Answer: ABE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v55:mul-security-ssl-certificate-pc-t.html

QUESTION 21
In which two scenarios is Native Key Management Server supported? (Choose two.)

A. Hyper-V and AHV mixed cluster
B. ESXi and AHV mixed cluster
C. KVM and AHV mixed cluster
D. XenServer and AHV mixed cluster

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
When VM HA Reservation is enabled, what is the expected behavior for all failed VMs in the event of a host failure?

A. Restart on a best-effort basis if resources are available
B. Perform a live migration to other hosts in the AHV cluster
C. Restart on other hosts in the AHV cluster
D. Perform a live migration on a best-effort basis if resources are available

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.nutanixpedia.com/p/configuring-ha.html

QUESTION 23
Which two factors should be considered when planning to migrate VMs to AHV? (Choose two.)

A. Guest Operating System
B. Active Directory Domain
C. Downtime Requirements
D. iSCSI MPIO Version

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
The customer is seeing high memory utilization on a mission critical VM. Users report that the application is unavailable. The guest OS does not support hot add components.

How should the administrator fix this issue?

A. Go to Control Panel in the VM:
   - Select the Computer Properties
   - Increase the amount of RAM assigned
B. From the Prism web console:
   - Go to the VM dashboard
   - Select the VM from the VMs list
   - Choose **Update**
   - Adjust the amount of memory assigned to the VM
C. During the next maintenance window:
   - Select the VM from the VMs list
   - Perform a graceful shutdown
   - Choose **Update**
   - Increase the amount of memory assigned to the VM
D. Access the CVM on the host that is running the VM:
   - Open `acli`
   - Run a command to increase the amount of RAM assigned to the VM

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
When does Nutanix recommend performing an AHV upgrade?

A. As soon after upgrading AOS as possible
B. Only when required to fix a specific bug
C. As soon as a new version is posted to support portal
D. As soon as a new version is available for one-click in Prism Element

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/prism-infrastructure-management-26/all-things-considered-upgrade-sequence-and-preaparation-guidelines-33524

QUESTION 26
How will an HDD failure affect VMs with data on the failed device?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
An administrator is trying to create an additional account on the Nutanix cluster in Prism Element but is unable to create new users.

What is the most likely cause of this issue?

A. The administrator's account is assigned a **Cluster Admin** role
B. The cluster has reached the maximum number of accounts
C. The OpenLDAP server was temporarily down for maintenance
D. The connection to Active Directory server is disconnected

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/prism-infrastructure-management-26/user-management-and-ldap-s-setup-in-prism-element-and-prism-central-37338?postid=50119

QUESTION 28
What is Prism Central primarily used for?

A. Multi-cluster network configuration
B. Container creation
C. Multi-cluster Single Sign On
D. Data reduction configuration

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
When creating a VM on an AHV cluster, how is the initial placement of the VM determined?

A. AHV uses a round robin algorithm, placing new VMs onto hosts based on the numerical order of their UUID
B. The administrator right clicks on the desired host and selects **Power on VM** from the dropdown menu
C. The Acropolis Dynamic Scheduler selects a host which provides adequate resources for the VMs configuration
D. Placement is determined by the host that holds the new_VM token at the time of VM creation

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.nutanix.com/blog/advanced-vm-placement-intelligence-allows-vms-focus-running-workloads

QUESTION 30
Which three upgrades should an administrator be able to perform using **Life Cycle Management**? (Choose three.)

A. AOS
B. BMC
C. BIOS
D. Hypervisor
E. HBA Firmware

Correct Answer: ADE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LMgICAW

QUESTION 31
Which data savings technique utilizes stripes and parity calculation in a Nutanix cluster?

A. Compression
B. Parity strip
C. Erasure coding
D. Deduplication

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://nutanixbible.com/

QUESTION 32
Where can an administrator change a CVM password?

A. KMS Server Terminal
B. CVM setting in Prism Element
C. CVM setting in Prism Central
D. Prism CVM VM Console

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/installation-configuration-23/modifying-passwords-in-nutanix-environment-33538

QUESTION 33
What is the expected operation during node addition when the new node has a different AOS version?

A. The node is automatically re-imaged using the software currently running in the cluster

B. The node is added and a separate upgrade operation must be performed
C. The entire cluster is upgraded to the latest one-click release
D. The addition fails and forces the administrator to image using standalone Foundation

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
An administrator is adding a node with a higher AOS release to an existing cluster.

What is the most efficient action an administrator should take to ensure it is in a supported state?

A. Destroy cluster and foundation with the new node in place
B. Add the node to the cluster and leave the existing AOS version in place
C. Perform standalone reimage of the new node and then add to cluster
D. Add the node to the cluster and reboot all running VMs to use new release

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
Which command should an administrator run from the CLI to view the uplink state of all AHV nodes in the cluster?

A. `allssh show_uplinks`
B. `manage_ovs show_uplinks`
C. `allssh manage_ovs show_uplinks`
D. `manage ovs show uplinks`

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://nutanixbible.com/

QUESTION 36
Which configuration should an administrator make in Prism to receive a summary of the alerts every 24 hours?

A. Syslog
B. Email Digest
C. SNMP
D. Individual Alerts

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v55:mul-alerts-management-pc-c.html

QUESTION 37
Which two methods are valid for migrating a VM from a Nutanix vSphere cluster to AHV? (Choose two.)

A. Storage vMotion
B. Live Migration
C. Nutanix Move
D. Cross-Hypervisor DR

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://hyperhci.com/2019/08/29/cross-hypervisor-migration-to-from-nutanix-ahv/
https://next.nutanix.com/blog-40/migrate-your-vms-to-ahv-with-minimum-downtime-31786

QUESTION 38
An administrator needs to report on any alerts generated by a Nutanix cluster that affected the cluster's availability over the past 10 days.

Which method should be used to locate these events?

A. Configure an **Alert Policy** to generate an email with the data on the **Health** dashboard
B. On the **Alerts** dashboard, filter based on **Impact Type** and the desired **Time Range**
C. On the **Health** dashboard, use the **Log Collector** to export data based on time stamp
D. Export the cluster event log to a CSV on the **Alerts** dashboard

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v55:mul-alerts-management-pc-c.html

QUESTION 39
What is the default network bond setting for an AHV host configuration?

A. `active-backup`
B. `balance-tcp`
C. `balance-slb`
D. `active-active`

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000Xf2qCAC

QUESTION 40
An administrator cables all interfaces on a newly added AHV host and starts migrating VMs to it. Users report that network connections are much slower to the VMs after the migration.

What is a possible reason for this issue?

A. The host still has the default bond configuration
B. The VMs do not use the same interfaces as the CVM
C. The network is slower because the host is farther away

D. The CVM on the node has not fully joined the cluster

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
A customer has a 24-node cluster with all containers configured with RF3. Two different nodes have incurred a simultaneous HDD failure.

What is the result?

A. The Nutanix cluster recognizes the failures and immediately begins to rebuild lost data to three replicas.
B. Sixty minutes after the failures, a rebuild of the lost data on remaining HDDs begins to restore to three replicas.
C. The VMs with data on those drives crash, and an HA event occurs, restarting them on a remaining healthy node.
D. The cluster runs in a degraded state until the failed drives are replaced and the data has been restored to three replicas.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
In which two scenarios is an automated live migration likely to occur? (Choose two.)

A. AOS upgrade
B. Network upgrade
C. Hypervisor upgrade
D. Cluster resource hotspot

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
A customer has a newly-deployed AHV cluster with nodes that have 2 x 10GbE and 2 x 1GbE interfaces. The customer wants to use all available network interfaces to provide connectivity to the VMs.

Which option should the administrator use to achieve this while remaining consistent with Nutanix recommendations?

A. Create bond1 on virbr0 and add the 1GbE interfaces to it for VM use
B. Create a second bridge on each host and assign the 1GbE interfaces to it
C. Create a second bond on br0 on each host and assign the 1GbE interfaces to it
D. Create separate VLANs that map 10GbE and 1GbE interfaces

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
A guest VM should be able to tolerate simultaneous failure of two nodes or drives.

What are the minimum requirements for the Nutanix cluster?

A. 3 nodes with cluster RF 3 and container RF 3
B. 3 nodes with cluster RF 3 and container RF 2
C. 5 nodes with cluster RF 2 and container RF 3
D. 5 nodes with cluster RF 3 and container RF 3

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_16:arc-redundancy-factor3-c.html

QUESTION 45
Two HDDs fail simultaneously on a single AHV host.

What are the chances of data loss?

A. 0%
B. 25%
C. 50%
D. 100%

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/prism-infrastructure-management-26/nutanix-fault-tolerance-question-33903

QUESTION 46
Which two capabilities does IPAM provide in a Nutanix networking configuration? (Choose two.)

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

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://hyperhci.com/2020/01/10/configure-nutanix-virtual-network-with-ipam/

QUESTION 47
How should an administrator make sure that the **LCM Framework** is always up to date and upgraded to the latest version?

A. From the **Life Cycle Management** page in Prism Element, click **Perform Inventory**, then edit settings

and set **LCM Auto Inventory to Daily**

B. From the **Life Cycle Management** page in Prism Central, click **Perform Inventory**, then edit settings and click the **Enable LCM Auto Inventory** checkbox

C. From the **Life Cycle Management** page in Prism Element, click **Perform Inventory**, then edit settings and click the **Enable LCM Auto Inventory** checkbox

D. From the **Life Cycle Management** page in Prism Central, click **Perform Inventory** every morning

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/how-it-works-22/nutanix-upgrade-order-37917

QUESTION 48
AHV IPAM assigns an IP address from the address pool when creating a managed VM NIC.

At which two instances does the address release back to the pool? (Choose two.)

A. The VM is deleted

B. The IP address lease expires

C. The IP address is changed to static

D. The VM NIC is deleted

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Explanation:
An IP address is assigned from the pool of addresses when a managed VM NIC is created; the address is released back to the pool when the VM NIC or VM is deleted. Be sure to work with your network team to reserve a range of addresses for VMs before enabling the IPAM feature to avoid address overlap.

Reference: https://next.nutanix.com/blog-40/virtual-networks-for-virtual-machines-in-acropolis-hypervisor-6640

QUESTION 49
HOTSPOT

An administrator needs to shut down an AHV cluster to relocate hardware. The administrator upgrades NCC and runs health checks.

Which steps should the administrator perform next?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements.

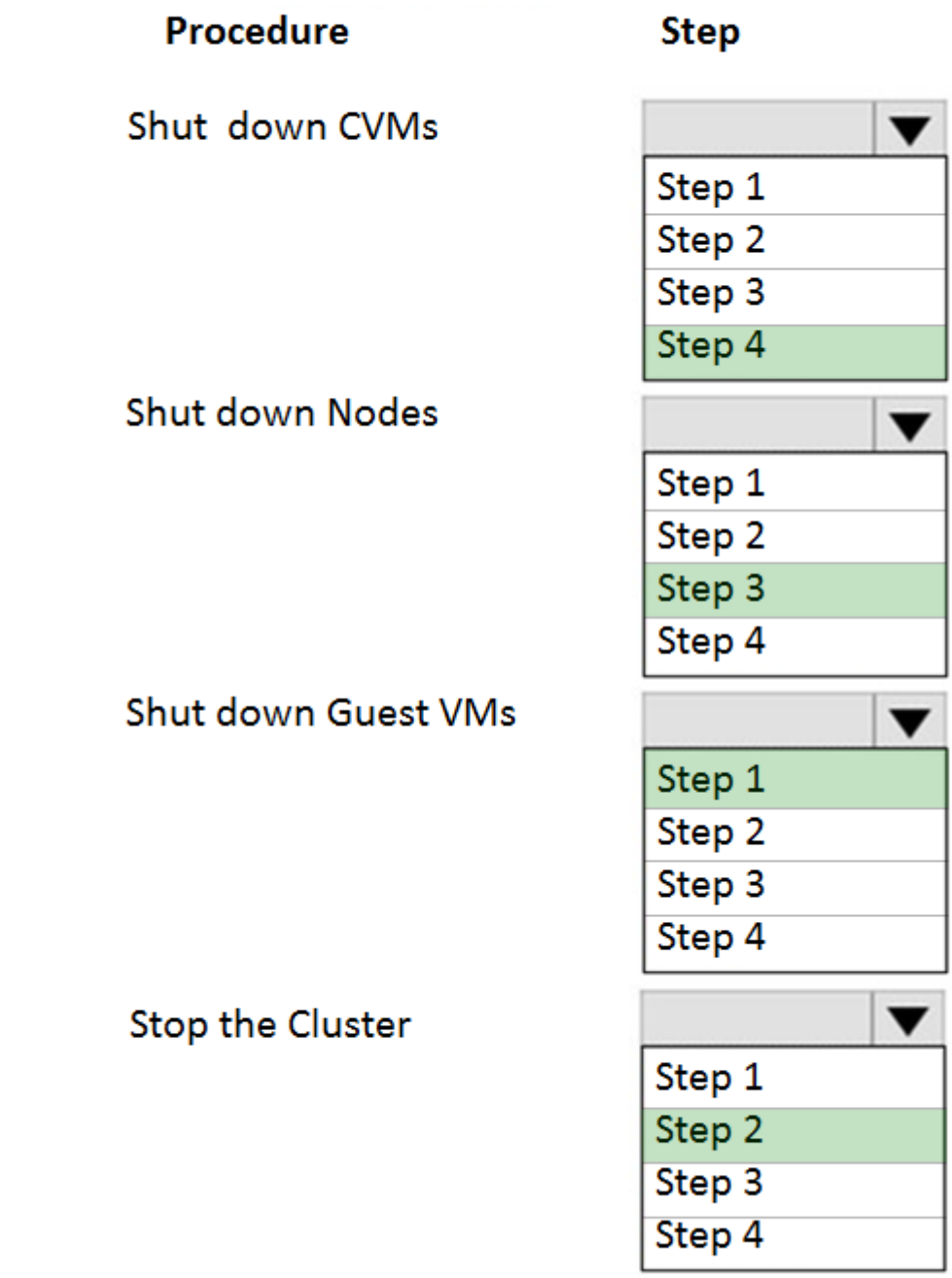
Hot Area:

Answer Area

Procedure	Step
Shut down CVMs	Step 1 / Step 2 / Step 3 / Step 4
Shut down Nodes	Step 1 / Step 2 / Step 3 / Step 4
Shut down Guest VMs	Step 1 / Step 2 / Step 3 / Step 4
Stop the Cluster	Step 1 / Step 2 / Step 3 / Step 4

Correct Answer:

Answer Area



Section: (none)
Explanation

Explanation/Reference:
Reference:
https://next.nutanix.com/how-it-works-22/scheduled-power-outage-relocating-cluster-hardware-if-you-need-to-shut-down-all-the-nodes-in-your-ahv-cluster-here-s-how-37326

QUESTION 50
An administrator wants to create a trunked interface on a VM on AOS 5.10.x.

Which two steps should the administrator take first to achieve this? (Choose two.)

A. SSH to CVM

B. Update VM dialog
C. Use acli
D. Log in over PE web UI

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://vmwaremine.com/2019/05/09/enable-vlan-trunking-on-nutanix-ahv-vm/#sthash.3ulAHeXZ.dpbs

QUESTION 51
Refer to the exhibit.



An administrator is reviewing performance of a core banking system that routinely has 20,000 concurrent users. During business hours, the CPU on the applications servers runs at close to 100%. The administrator needs to determine if there is a performance issue specific to the app servers, the database servers, or all servers on the cluster.

Which metrics should the administrator review in Prism Analytics Graphs?

A. Cluster CPU and Memory Only
B. Cluster IO, Network, Database and App Server CPU
C. Cluster IO, CPU, Memory and Database and App Server CPU
D. Cluster IO, CPU, Memory, Network, App Server CPU

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
A Nutanix cluster is equipped with four nodes. Four VMs on this cluster have been configured with a VM-VM anti-affinity policy and are each being hosted by a different node.

What occurs to the cluster and these VMs during an AHV upgrade?

A. One VM out of the four powers down when the node hosting it reboots
B. The AHV pre-upgrade checks fail until the four VMs are powered off
C. The AHV pre-upgrade checks fail until the administrator disables the anti-affinity policy
D. One node hosts two VMs while the node being upgraded is in maintenance mode

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
How should an administrator configure a custom alert for a specific VM in Prism?

A. Modify VM settings to add the custom alert
B. Modify node settings to add the custom alert
C. Modify an existing alert to only alert on the specific VM
D. Modify the alerts to add a new custom alert policy

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v51:mul-alert-policies-customize-system-pc-t.html

QUESTION 54
HOTSPOT

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

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

Hot Area:

Answer Area

Procedure	Step
Select the Gear icon at top right of the page	Step 1 / Step 2 / Step 3 / Step 4 / Step 5 / Step 6 / Invalid Step
Select the component to upgrade	Step 1 / Step 2 / Step 3 / Step 4 / Step 5 / Step 6 / Invalid Step
Once the download completes, select Upgrade	Step 1 / Step 2 / Step 3 / Step 4 / Step 5 / Step 6 / Invalid Step
Log into Prism Central	Step 1 / Step 2 / Step 3 / Step 4 / Step 5 / Step 6 / Invalid Step
Select the User login name at the top right of the page	Step 1 / Step 2 / Step 3 / Step 4 / Step 5 / Step 6 / Invalid Step
On the left, select Upgrade Prism Central	Step 1 / Step 2 / Step 3 / Step 4 / Step 5

Correct Answer:

Answer Area

Procedure	Step
Select the Gear icon at top right of the page	Step 3
Select the component to upgrade	Step 5
Once the download completes, select Upgrade	Step 4
Log into Prism Central	Step 1
Select the User login name at the top right of the page	Invalid Step
On the left, select Upgrade Prism Central	Step 2

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Where are **Leap Availability Zones** configured?

A. Prism Central
B. Controller VM
C. Prism Element
D. Cloud Connect

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://portal.nutanix.com/page/documents/details?targetId=Xi-Leap-Admin-Guide:Xi-Leap-Admin-Guide

QUESTION 56
Which algorithm do snapshots and clones leverage to maximize efficiency and effectiveness?

A. Redirect-On-Write
B. Copy-on-Write
C. Split-mirror
D. Continuous Data Protection

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
AOS tracks snapshots with a fine-grained redirect-on-write algorithm that allows fine-grained control and maximizes both efficiency and performance. Clone hundreds of new workloads in seconds, and create deep snapshot chains without impacting applications.

Reference: https://www.nutanix.com/products/acropolis/distributed-storage

QUESTION 57
How should an administrator correct an SSL error when connecting to a Nutanix cluster?

A. Add the SSL certificate to the workstation's trusted people store
B. Create a new self-signed certificate for the cluster with a 4096 bit key
C. Create a new SSL certificate for the cluster signed by an AD certificate authority
D. Add the SSL certificate to an AD group policy applied to all computer objects

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
Which three statements are true about Agent VMs? (Choose three.)

A. An Agent VM is automatically migrated to another host
B. Agent VMs are never migrated to another host
C. Agent VMs are powered on before other VMs
D. Agent VMs are powered off if an HA event occurs
E. A running Agent VM can be moved to another host

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
A VM in a 12-node Nutanix cluster is hosting an application that has specific physical GPU requirements. Only three nodes in the cluster meet this requirement.

The administrator wants to allow a general workload to be distributed across all nodes in the cluster and must make sure that the node hosting the VM meets its requirements.

How should the administrator perform this task?

A. Configure anti-affinity rules between the application VM and the other VMs running on the cluster.
B. Over-provision the application VM with additional virtual GPUs.
C. Create a separate three-node cluster using the nodes that meet the requirement.
D. Configure VM-Host affinity for the nodes that meet the application's GPU requirement.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which change can be made on a cluster with software-based Data-at-Rest Encryption enabled?

A. Disable encryption on the cluster
B. Deploy an additional Native KMS Server
C. Enable encryption for a VM
D. Change Native KMS to External KMS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://next.nutanix.com/blog-40/security-with-simplicity-encryption-for-your-data-with-1-click-28225