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Nutanix

NCP-MCI-5.15

Nutanix Certified Professional Multicloud Infrastructure (v5.15)



<https://killexams.com/pass4sure/exam-detail/NCP-MCI-5.15>

Question: 239

An administrator is implementing a VDI solution. The workload will be a series of persistent desktops in a dedicated storage container within a four-node cluster. Storage optimizations should be set on the dedicated storage container to give optimal performance including during a node failure event.

Which storage optimizations should the administrator set to meet the requirements?

- A . Compression only
- B . Deduplication and Erasure Coding
- C . Compressor and Deduplication
- D . Compression Deduplication and Erasure Coding

Answer: C

Question: 240

How many Prism Central instances are required to deploy Leap?

- A . One per availability zone
- B . One per customer environment
- C . One per physical site
- D . One per AHV cluster

Answer: A

Question: 241

The administrator wants a container to be displayed and limited to 1TB in the hypervisor.

What advanced container setting must the administrator set?

- A . Advertised Capacity
- B . Reserved Capacity
- C . Advertised Quota
- D . Reserved Quota

Answer: B

Question: 242

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

Answer: C

Question: 243

An administrator needs to bring down a host in a Nutanix Cluster for maintenance reasons. The administrator puts the host in maintenance mode.

What should the administrator do to perform an orderly shutdown of the CVM?

- A . Execute the `cvm_shutdown -P new` command from the CV
- C . Enter Fever off Server – immediate from the IPMI console.
- D . Enter Fever off Server-orderly Shutdown from the IPMI console.
- E . Execute the `cvm_shutdown -P now` command from the host.

Answer: A

Question: 244

Which two methods are available when migrating a VM from a legacy 3-tier solution using VMware ESXi to AHV? (Choose two.)

- A . Deploy the Move appliance.
- B . Use Cross-Hypervisor D
- D . Import the .vmdk into the Image Service.
- E . Use shared nothing live migration.

Answer: A,B

Question: 245

Refer to the exhibit.



System Non-Root Partition Usage shows a warning or critical alert. The administrator needs to change the frequency of checks and alerts to respond more quickly.

Where in Prism Element should the administrator change the frequency of checks and alerts?

- A . Health Dashboard > Manage Checks > Frequency
- B . Alerts Dashboard > Manage Checks > Schedule
- C . Health Dashboard > Manage Checks > Schedule
- D . Alerts Dashboard > Manage Checks > Frequency

Answer: D

Question: 246

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

Answer: A,B

Question: 247

An Administrator is working on a one-node ROBO cluster configurations Which statement is true for this configuration?

- A . Witness vm required to break cluster quorum

- B . Supported hardware is NX-1175-G5 and G6
- C . witness vm should be 8vcp and 20gb ram
- D . the minimum RPO 8 hours required

Answer: B

Explanation:

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

Question: 248

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

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

Answer: C

Question: 249

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.

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 Step 6 Invalid Step
Click Download	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left under Settings, select Upgrade Software	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log in to Prism Element	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step

Answer:

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 Step 6 Invalid Step
Click Download	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left under Settings, select Upgrade Software	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log in to Prism Element	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step

Explanation:

- Step 1 —> Login into Prism Element.
- Step 2 —> Select the Gear Icon at top right of the page.
- Step 3 —> Click Upgrade Software.
- Step 4 —> Select the component to upgrade.
- Step 5 —> Click download.
- Step 6 —> Once the download completes, select upgrade.

Invalid:

1 – Select Prism Central.

2 – Select user login.

3 – On left select upgrade Prism Central.

Question: 250

What is the name of the internal bridge used by AHV nodes and CVMs?

- A . vnet0
- B . br1
- C . br0
- D . virbr0

Answer: D

Question: 251

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

Answer: D

Explanation:

Reference: <https://next.nutanix.com/blog-40/security-with-simplicity-encryption-for-yourdata-with-1-click-28225>

Question: 252

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

Answer: B

Question: 253

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 IP address lease expires
- B . The VM NIC is deleted.
- C . The IP address is changed to static.
- D . The VM is deleted.

Answer: B,D

Explanation:

https://portal.nutanix.com/page/documents/solutions/details/?targetId=BP2029_AHV:BP-2029_AHV Administrators can use Acropolis with IPAM

to deliver a complete virtualization deployment, including network management, from the unified Prism interface. This capability radically simplifies the traditionally complex network management associated with provisioning VMs and assigning network addresses. To avoid address overlap, be sure to work with your network team to reserve a range of addresses for VMs before enabling the IPAM feature. The Acropolis master assigns an IP address from the address pool when creating a managed VM NIC; the address releases back to the pool when the VM NIC or VM is deleted.

Question: 254

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 cluster runs in a degraded state until the failed drives are replaced and the data has been restored to three replicas.
- B . Sixty minutes after the failures a rebuild of the lost data can 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 Nutanix cluster recognizes the failures and immediately begins to rebuild lost data to three replicas.

Answer: D

Question: 255

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

Answer: A

Question: 256

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

Answer: C

Explanation:

Reference: <https://portal.nutanix.com/page/documents/details?targetId=Prism-CentralGuide-Prism-v55:mulalerts-management-pc-c.html>

Question: 257

HOTSPOT

Async DR is configured between two sites. A network outage occurs at the primary site.

Which steps must the administrator perform to bring the VMs back into service at the backup site?

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.

Procedure	Step	
Log into Prism Element at the backup site	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Reboot VMs	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Go to the Async DR tab	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Log into Prism Element at the primary Site	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Select the Protection Domain and click Activate	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Power on VMs	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4

Answer:

Procedure	Step
Log into Prism Element at the backup site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Reboot VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Go to the Async DR tab	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Log into Prism Element at the primary Site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Select the Protection Domain and click Activate	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Power on VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4

Question: 258

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

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

Answer: B,D

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