

NCS-CORE^{Q&As}

Nutanix Certified Services Core Infrastructure Professional

Pass Nutanix NCS-CORE Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/ncs-core.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Nutanix
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers



QUESTION 1

During the Foundation imaging process, nodes are successfully imaged, but the cluster creation fails.

Which log should the consultant review to determine the cause?

- A. service.log
- B. foundation.out
- C. first_boot.log
- D. genesis.out

Correct Answer: A

QUESTION 2

A customer wants to know the details of network validation testing. Where can the consultant find this information?

- A. Handover checklist
- B. Test plan
- C. Operations Guides
- D. As-Built Guide

Correct Answer: A

QUESTION 3

An organizations Nutanix Cluster is based on VMware vSphere. The cluster is configured to download software updates automatically. The administration needs to verify and eventually upgrade VMware hypervisor via Prism UI.

After logging in to Prism, the administrator receives the message shown:

No available versions for upgrade

What is causing the current state?

- A. VMware support has expired, so downloads are not available.
- B. vSphere binaries need to be manually uploaded.
- C. The environment is running the latest vSphere version, so no update is required.
- D. The cluster is unable to connect to release-api.nutanix-ccm:8D.

Correct Answer: C

ref:<https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v510:upg-hypervisor-upgrade-esxi-c.html>

QUESTION 4

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:

5xAIX hosts 3x Hyper-V hosts 9xESXi 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. Migrate the ESXi workloads to AHV using Move.
- C. Deploy Files to support the AIX hosts.
- D. Migrate the ESXi and Hyper-V workloads using Move.

Correct Answer: AD

Ref:<https://portal.nutanix.com/#page/kbs/details?targetId=kA00e000000Cr7GCAS>

QUESTION 5

The following alert appears on the file server alerts tab in the file server dashboard:

File Server FS47-SS has multiple VMs on a single node

Which two events can generate this alert? (choose two)

- A. A three-node cluster hosting the file server is undergoing AOS upgrade.
- B. A node failed in a three-node cluster.
- C. A Nutanix file with four file server VMs is deployed on a three-node cluster.
- D. A node is set to the maintenance mode in a three node cluster.

Correct Answer: AD

QUESTION 6

An administrator migrates a VM onto a new Nutanix cluster. After the migration, the administrator observes the following conditions:

Cluster memory utilization: 64% Cluster CPU utilization: 19% Cluster storage utilization: 32% Average VM CPU utilization: 25% Average VM CPU ready%: 24% Average VM memory utilization: 60%

Which two changes should the administrator make to improve VM performance? (Choose two.)

- A. Add more memory to the VMs.
- B. Reduce the number of vCPUs assigned to VMs.
- C. Replace high core count CPUs with high clock rate CPUs. (also can be but is physical invas)
- D. Reduce the number of VMs on the hosts.

Correct Answer: BD

Explanation: ref <http://www.joshodgers.com/tag/cpu-ready/>

QUESTION 7

A consultant creates three storage containers (container-1, container-2, container-3). The customer requires that only container-1, which will be utilized as an NFS datastore, be presented to external hosts.

However, users are able to mount all three containers.

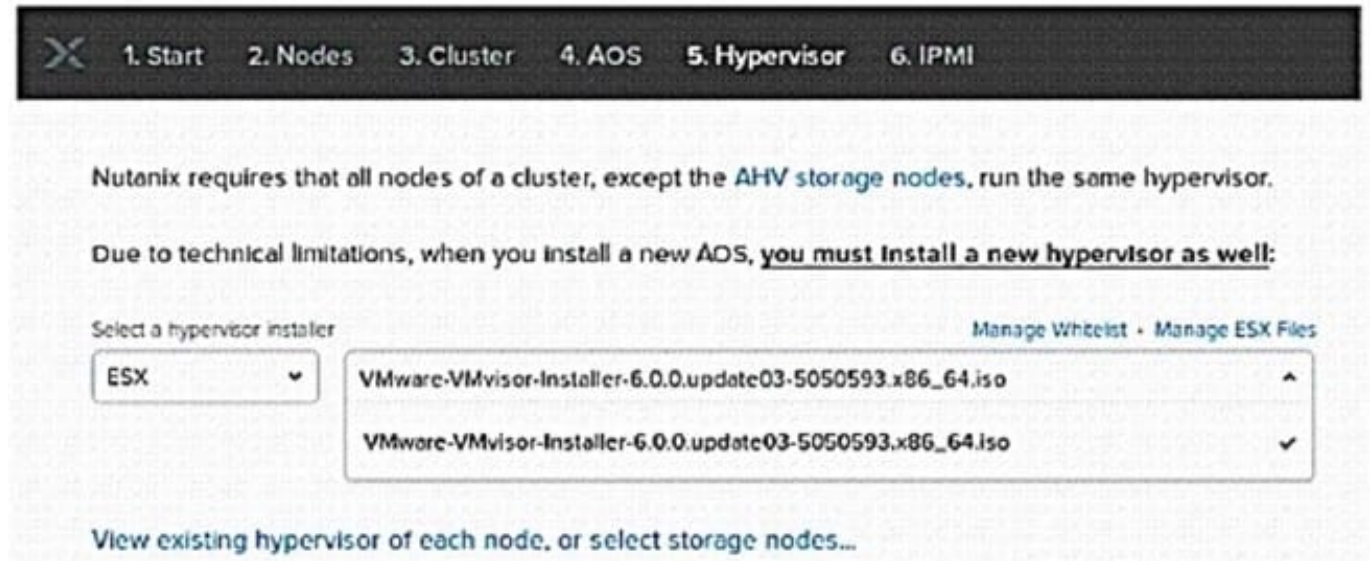
What is causing this problem?

- A. Compression was turned on for all containers.
- B. A Container-level whitelist entry was configured.
- C. Deduplication was turned on for all containers.
- D. A Global whitelist entry was configured.

Correct Answer: D

QUESTION 8

Refer to the exhibit.



A consultant is installing AOS 5.10 and ESXi 6.5 on three nodes. During the Foundation process, ESXi 6.5 is not available as one of the choices for hypervisor. Which solution should the consultant use?

- A. Upload ESXi image to /home/Nutanix/foundation/nos/hypervisor/esx.
- B. Restart Foundation VM and refresh Foundation page.
- C. Update the Foundation whitelist from the support portal.
- D. Upload ESXi image to /home/Nutanix/foundation/isos/hypervisor/esx.

Correct Answer: D

QUESTION 9

An administrator receives reports about a Nutanix environment. The investigation finds the following;

VMs are experiencing very high latency

Each node is equipped with a single SSD, utilized at 95%

Each node is equipped with three HDDs, utilized at 40%

Why are the guest VMs experiencing high latency?

- A. CVMs are overwhelmed by disk balancing operations.
- B. All VM write operations are going to HDD.
- C. All VM read operations are coming from HDD.
- D. VMs are unable to perform write operations.

Correct Answer: C

Explanation: Ref:<https://next.nutanix.com/prism-infrastructure-management-26/disk-space-usage-high-alert-in->

prism-38199

Latency Variables in a Nutanix Cluster

The following points provide you with the information regarding latency on a Nutanix cluster.

- All-flash-array nodes are provided by Nutanix, but the focus of this KB is on the two-tier (SSD and HDD) nodes. This two-tier design aims to keep frequently read data in the host (SSD) tier and Information Life Cycle Management (ILM) promotes and demotes the data from the hot tier. This provides a cost-effective solution that has variable latency response.
 - Extent store : HDD and SSD together makes the extent store. However some portion of the SSDs is used for Oplog.
 - Oplog: This is used for random writes where data is temporarily written and provides quick acknowledgement. This is eventually drained to an extent store.
 - Cluster that are correctly sized will have a Working Set Size (WSS) that fits within the SSD tier. This ensures that the commonly accessed data on the cluster is available from the SSD. If ILM is moving data from hot to cold tier and back, it implies that the cluster is under sized and higher latencies will be experienced due to the higher cold-tier hit rate for the data reads.
- Data that is read from the cold tier (HDD - spinning disk) will have higher latency than the data that is read from the hot tier.

QUESTION 10

After deploying an AHV cluster connected to Cisco Nexus 9k switches, unexpected network behavior is observed. The consultant needs to rule out physical network mis- cabling without returning to the datacenter. Which command from the host should the consultant run?

- A. show lldp neighbors
- B. show cdp neighbors
- C. show interfaces
- D. lldpctl

Correct Answer: D

QUESTION 11

A consultant successfully completes a Foundation using a flat switch. The consultant then works with the customer to move the cluster over to their production network. After the move, the CVMs and hypervisors can no longer communicate,

which prevents the cluster from starting.

Which option should be used to resolve this issue?

- A. If the IPMI is in use, check that the IPMI can ping the default gateway over IPv6.
- B. Make sure that the IPMI and CVM VLAN is manually tagged on the Host and CVM.
- C. Verify that IPv6 Link Local and DHCP is enabled on all switch ports.
- D. If using VLANs, confirm the hypervisor/CVM VLAN is set as Native on the switch ports.

Correct Answer: D

QUESTION 12

An administrator of a Nutanix Enterprise Cloud has microsegmentation enabled and a firewall VM installed. The security team notifies the administrator that one of the VMs hosted in the environment has been exhibiting suspect network activity. The administrator wants to isolate the VM from the production network, but must still be able to access it to perform diagnostics.

What should the administrator do to meet the requirement?

- A. Disable the vNIC on the affected VM
- B. Quarantine the VM using the Forensic Method
- C. Create a firewall rule that blocks VM traffic but permits diagnostic access
- D. Create a security policy with a service chain directing that VMs traffic to the firewall VM

Correct Answer: B

Ref <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LlElCAG>

Nutanix flow – Quarantine security policy

Quarantine policy in Nutanix flow is predefined and build into the product. You cannot modify it or change it or create a new quarantine policy.

Quarantine policy in Nutanix Flow has two methods:

- Forensic – VM cannot talk to anything in the network, except to the specific forensic tools configured in the policy
 - Strict – VM cannot talk to anything in the network
-

QUESTION 13

An administrator needs to relocate an AHV cluster to a new datacenter during a maintenance window. The cluster will use the same IPs in the new datacenter. Which two steps should be taken to prepare for this task? (Choose two.)

- A. Stop all Nutanix Files clusters

- B. Relocate the linked LDAP servers
- C. Shut down all user VMs in the cluster
- D. Reconfigure IPMI for the new datacenter

Correct Answer: AC

Explanation: Ref:<https://next.nutanix.com/installation-configuration-23/physical-relocation-of-nutanix-clusters-38403>

- Disable any "Protection Domains" in the cluster and make sure there is no ongoing replication occurring.
- Make sure no "Fail" message appears when performing the NCC health check on the cluster.
- Power off all the VMs running in the cluster.
- Stop "Files" (previously AFS) if you are using it in the cluster.

QUESTION 14

Refer to the exhibit.

The screenshot shows the 'Authentication Configuration' window with the 'Directory List' tab selected. The configuration fields are as follows:

- 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 ActiveDirectory 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?

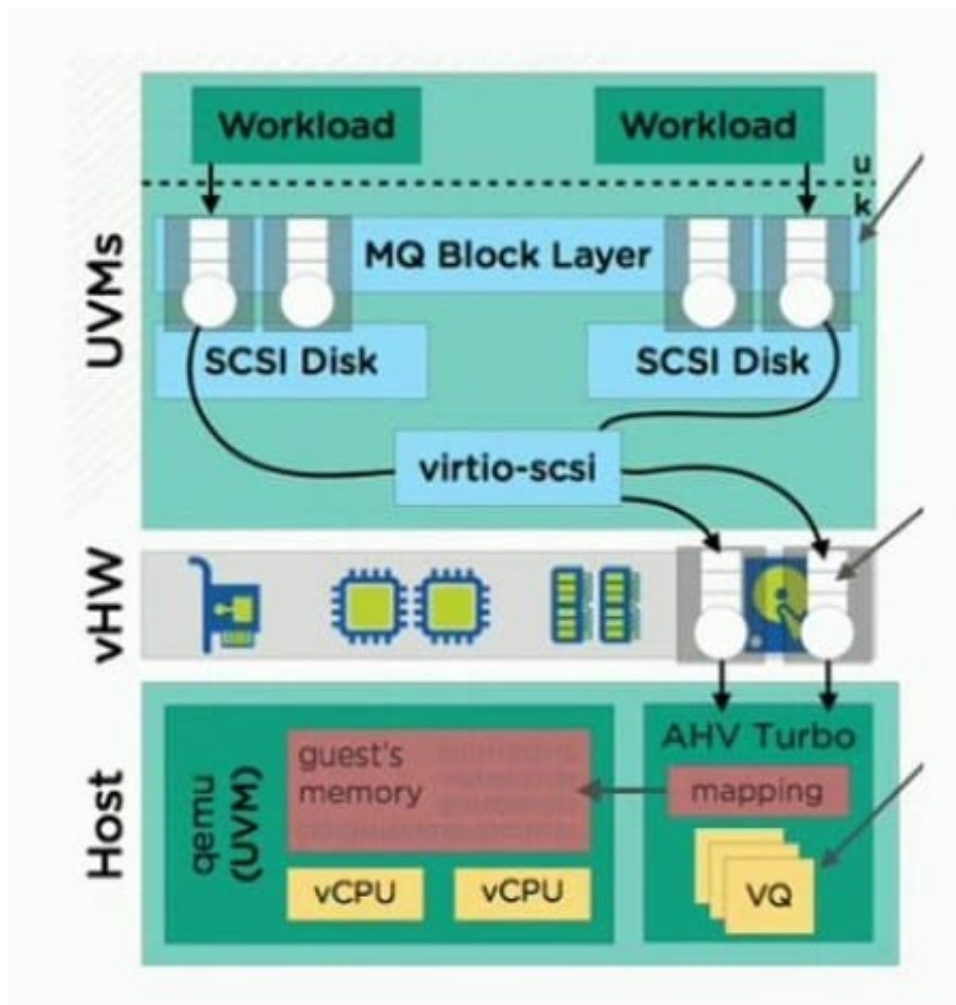
- A. Change leaps to https
- B. Change the Directory URL to use an IP rather than a name
- C. Change the port from 389 to 636
- D. Change the Domain to use an IP rather than a name

Correct Answer: C

Explanation: Ref: <https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v510:multi-security-authentication-pc-t.html>

QUESTION 15

Refer to the exhibit.



An administrator has an existing cluster and needs to improve performance using AHV Turbo. Which two items are required to achieve even greater performance? (Choose two.)

- A. Workloads are multi-threaded.
- B. VMs have one vCPU configured.
- C. VMs have multi-queue disabled.
- D. VMs have more than one vCPU.

Correct Answer: AD

[Latest NCS-CORE Dumps](#)

[NCS-CORE PDF Dumps](#)

[NCS-CORE Study Guide](#)