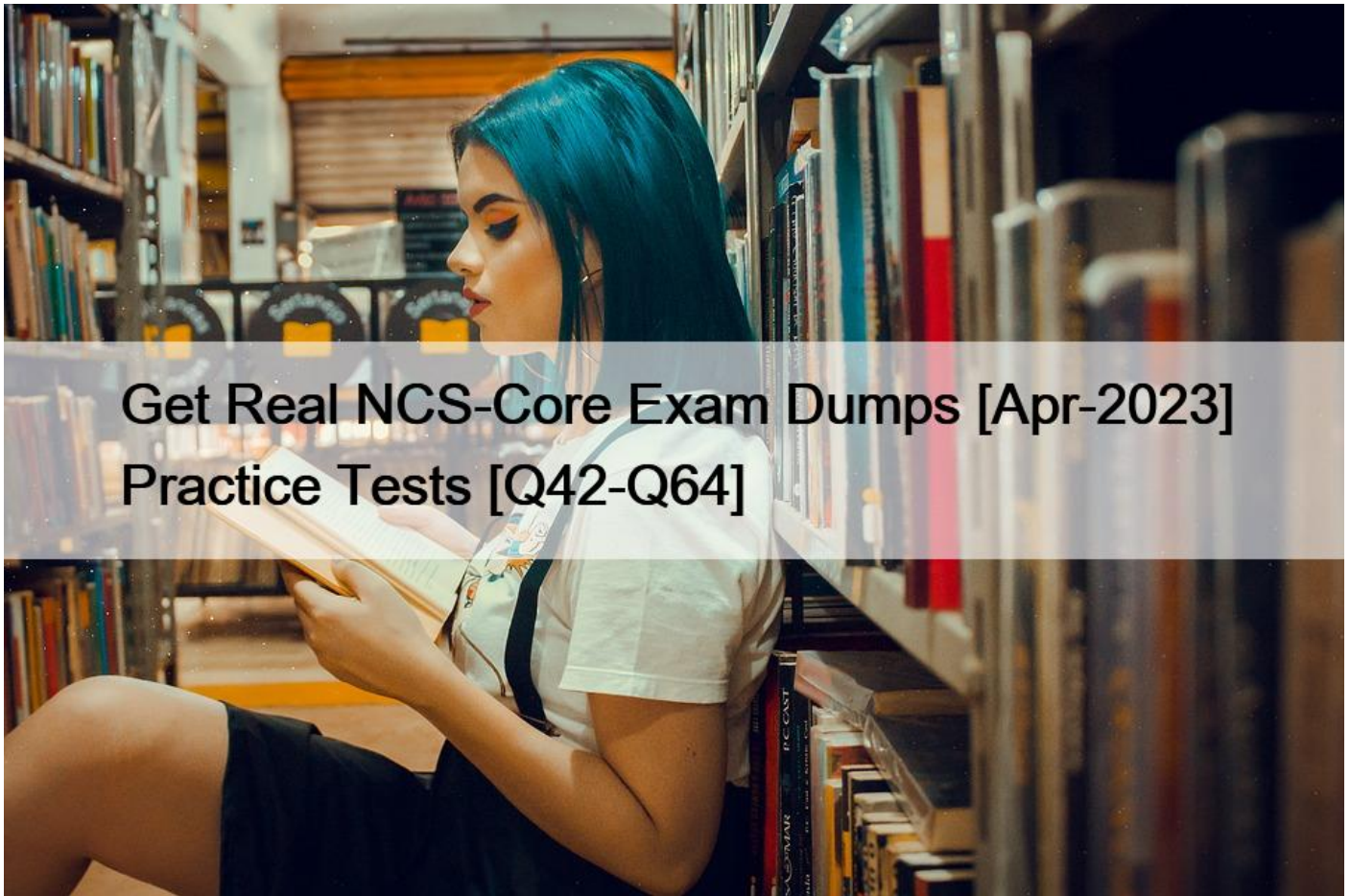


## Get Real NCS-Core Exam Dumps [Apr-2023 Practice Tests [Q42-Q64]



**Get Real NCS-Core Exam Dumps [Apr-2023 Practice Tests Last NCS-Core practice test reviews: Practice Test Nutanix dumps NO.42** A consultant is using a customer's switch for installation. Although the 10GbE ports for each of the hosts are connected to the switch, the nodes fail to be discovered.

What is causing the issue?

- \* IPv6 is not enabled on the switch.
- \* IPMI port is not plugged in.
- \* Foundation VM is running on a Windows host.
- \* 10GbE ports are configured with the incorrect duplex setting.

**NO.43** An administrator recently added VLAN 205 CRM in Prism Element. The workloads attached to the associated NICs are unable to establish network connectivity.

Which Layer 2 protocol allows the administrator to troubleshoot this issue from Prism Element?

- \* HDLC
- \* SUP
- \* LACP
- \* LLDP

### Switch information on Nutanix AHV

Managing and troubleshooting virtual guests network connectivity issues is quite difficult, if you do not have right information about upstream switches. It is crucial to understand how Nutanix hosts are connected, getting switch name, location, switch port number. Nutanix AHV leverages Open vSwitch (Open VSwitch) to manage AHV hosts and Guest OS network connectivity. Guest OS can use LLDP (Link Layer Discovery Protocol) to pull information from physical switches. LLDP is automatically enabled on Nutanix AHV. To have LLDP discovery working you have to enable it on the network port switches as well. Nutanix AHV will automatically pull switch information and present it in the Prism.

In Prism Element, on main dashboard click on **Home -> Network**

**NO.44** A new Nutanix cluster is ready for production on a remote site with no IT staff. Changes to the infrastructure will cost money and probably cause a cluster stop. The administrator needs to perform a health check on the environment that should include:

- \* Network connectivity checks
- \* Network performance status
- \* Storage performance status

Which tool should be used to perform this test?

- \* X-Ray
- \* clurator\_cli
- \* NCC
- \* diagnostic, py

**NO.45** A consultant is setting up a new vSphere cluster. Customer requirements are as follows:

- \* VMs should automatically failover to another host if the host crashes
- \* Host CPU and Memory resources should be evenly balanced
- \* New VMs should be placed on the host with the most resources available Which two settings should be turned on to meet the requirements? (Choose two.)
- \* vSphere DRS
- \* vSphere HA
- \* vSphere vMotion
- \* vSphere Power Management

**NO.46** A Nutanix cluster has 10TB usable storage. The customer wants to create a 100GB datastore for ISO images to eliminate too much storage being consumed by unnecessary images.

Which setting should be used to accomplish this goal?

- \* From Container Advanced Settings, configure 100GB for advertised capacity.
- \* From Container Advanced Settings, enable erasure coding.
- \* From Container Advanced Settings, turn on compression and deduplication.
- \* From Container Advanced Settings, configure 100GB for reserved capacity.

**NO.47** A consultant creates an AHV cluster and connects the Intel X550T NICs to the top of rack switch using Twinax cables. The activity and link lights are green. The cluster cannot communicate over the 10GbE link.

What is the first command the consultant should perform to troubleshoot the issue?

- \* `manage_ovs show_bridges`
- \* `manage_ovs show_interfaces`
- \* `manage_ovs update_uplinks`
- \* `manage_ovs show_uplinks`

**NO.48** 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?

- \* Create multiple general purpose shares and distribute migrated data as evenly as possible.
- \* Create multiple distributed shares and distribute migrated data as evenly as possible.
- \* Create standard shares with multiple top-level directories and distribute migrated data.
- \* Create distributed shares with multiple top-level directories and distribute migrated data.

Explanation

Ref:[https://portal.nutanix.com/page/documents/details/?targetId=Files-v3\\_6:Files-v3\\_6](https://portal.nutanix.com/page/documents/details/?targetId=Files-v3_6:Files-v3_6)

**NO.49** 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?

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

Explanation

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

#### Nutanix flow – Quarantine security policy

Quarantine policy in Nutanix flow is predefined and built 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

**NO.50** A guest VM is reported to have poor storage performance. It has an I/O profile of 80% read, 20% write, and the HDDs form

more than 50% of the read source.

What should an administrator do to resolve this issue?

- \* Increase SSD capacity
- \* Increase the OPLOG
- \* Increase the write cache
- \* Use HDDs with higher RPM

Explanation

Ref:

<https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2126-SAS-on-Nutanix:BP-2126-SAS-o>

**NO.51** 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 to do improve the SQL Server performance?

- \* Redistribute existing data by creating additional database file and enable autogrowth
- \* Create multiple TempDB data files and enable autogrowth
- \* Create multiple SQL log files and disable autogrowth
- \* Redistribute existing data by creating additional database files and disable autogrowth

**NO.52** An administrator finds that home shares cannot be configured in a new Files 3.5 deployment. Why is this happening?

- \* NFS default access is set to Read Only.
- \* Multi-protocolaccess is not configured.
- \* Access Based Enumeration is not enabled.
- \* The system is deployed as a single FSVM.

A distributed (home) share is the repository for the user's personal files, and a standard share is the repository shared by a group. A home share is distributed at the top-level directories while standard shares are located on a single file server VM (FSVM). Users have the following permissions in distributed and standard shares.

**Note:**  
• Distributed shares are only available on deployments of three or more FSVMs

**NO.53** What is the minimum number of nodes required for a Nutanix Cluster to support Replication Factor 3 (RF3) on a storage container?

- \* 3
- \* 4
- \* 5
- \* 6

**NO.54** A consultant finishes creating a new ESXi cluster. The consultant connects to the nodes via laptop and a personal flat switch. The host/CVM network is on VLAN 23. The customer has the native VLAN on the ToR switches set to 23.

The customer wants to use LACP. Before placing the nodes on the customer network, the consultant tags VLAN 23 for each host and CVM. The consultant connects the nodes to the customer network and finds that they are unreachable.

What is causing this issue?

- \* The customer has LACP fallback enabled on switch ports.
- \* The hosts have not been migrated to a vSphere Distributed Switch.
- \* Under the vSwitch0 settings, the consultant did not select Route based on IP hash.
- \* The host and CVM are incorrectly configured.

**NO.55** An administrator needs to maximize storage potential in a six-node cluster. The container is configured with the following:

- \* Post-process compression
- \* Capacity deduplication

What should the administrator configure to increase space savings?

- \* Erasure coding
- \* Inline compression
- \* Reserve capacity
- \* Cache dedupe

**NO.56** 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?

- \* Inline Compression
- \* Flash Mode
- \* CacheDedup
- \* Post-Process Compression

**NO.57** A customer needs to meet the following requirements for their business critical application:

- \* SQL Servers must be on specific hosts to lower licensing costs.
- \* Oracle RAC servers must be on separate hosts for licensing reasons

Which policy or policies should be implemented to meet these requirements?

- \* Configure VM-VM anti-affinity policy.
- \* Configure VM-VM affinity policy.
- \* Configure both VM-Host and VM-VM affinity policy.
- \* Configure VM-Host affinity policy.

**NO.58** 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?

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

Explanation

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

**NO.59** A consultant creates a new cluster using ESXi as the hypervisor. After creating the cluster, the consultant begins to run Life Cycle Manager (LCM) updates. During the LCM upgrade pre-checks, an error is returned.

Which configuration is causing this issue?

- \* ESXi cluster admission control is disabled.
- \* ESXi cluster DRS is enabled.
- \* ESXi cluster HA is enabled.
- \* ESXi cluster admission control is enabled.

**NO.60** A consultant successfully installs the Foundation VM on a laptop and needs to ensure the VM can communicate externally.

Which two configuration changes should the consultant make next? (Choose two.)

- \* Ensure the vNIC is set to bridged adapter.
- \* Configure the static IP address through the desktop virtualization software.
- \* Open terminal and configure via ifconfig command.
- \* Run the set\_foundation\_ip\_address application on the VM desktop.

**NO.61** An administrator needs to install prism central for their 2550 multi-cluster environment.

How should they deploy the application?

- \* Deploy a large 3-VM Prism Central instance
- \* Deploy a large 1-VM Prism Centralinstance.
- \* Deploy a small 3-VM Prism Central instance.
- \* Deploy a small 1-VM Prism Central instance.

**NO.62** Refer to the exhibit.





A Microsoft SQL 2016 deployment is shown in the exhibit. The administrator receives user reports that database queries take too long to return.

Which optimization should be made to this configuration to improve performance?

- \* Combine both of the OS and SQL Binaries disks
- \* Add a second SCSI controller for the Database.
- \* TempDB, and Logs disk Separate the Database. TempDB, and Logs onto their own disks
- \* Configure the VM to use a PCI disk controller

**NO.63** A consultant runs the Foundation Applet and discovers all the nodes. The consultant wants to use the latest version of Foundation for imaging for support purposes and to cover the latest hardware and software hypervisor support.

What should the consultant do to upgrade Foundation on a node?

- \* Use crash cart and manually upgrade Foundation files on one node.
- \* Use latest version of Foundation to reimage all the nodes.
- \* Use the Foundation VM to upgrade Foundation on all nodes.
- \* Use the Foundation Applet to upgrade Foundation on a single node.

**NO.64** An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations:

- \* Individual VMs will likely generate network throughputs in the range of 90-100Mbps
- \* Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time
- \* Individual VMs will communicate with only a few (one or two) remote hosts at a time
- \* Multicast will not be used in the environment
- \* The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?

- \* Configure bond0 as balance-sib
- \* Configure bond0 as active-backup

- \* Configure bond0 as balance-tcp
- \* Configure bond0 as balance-lacp

Explanation

Ref:[https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top\\_ahv\\_n](https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_n)

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