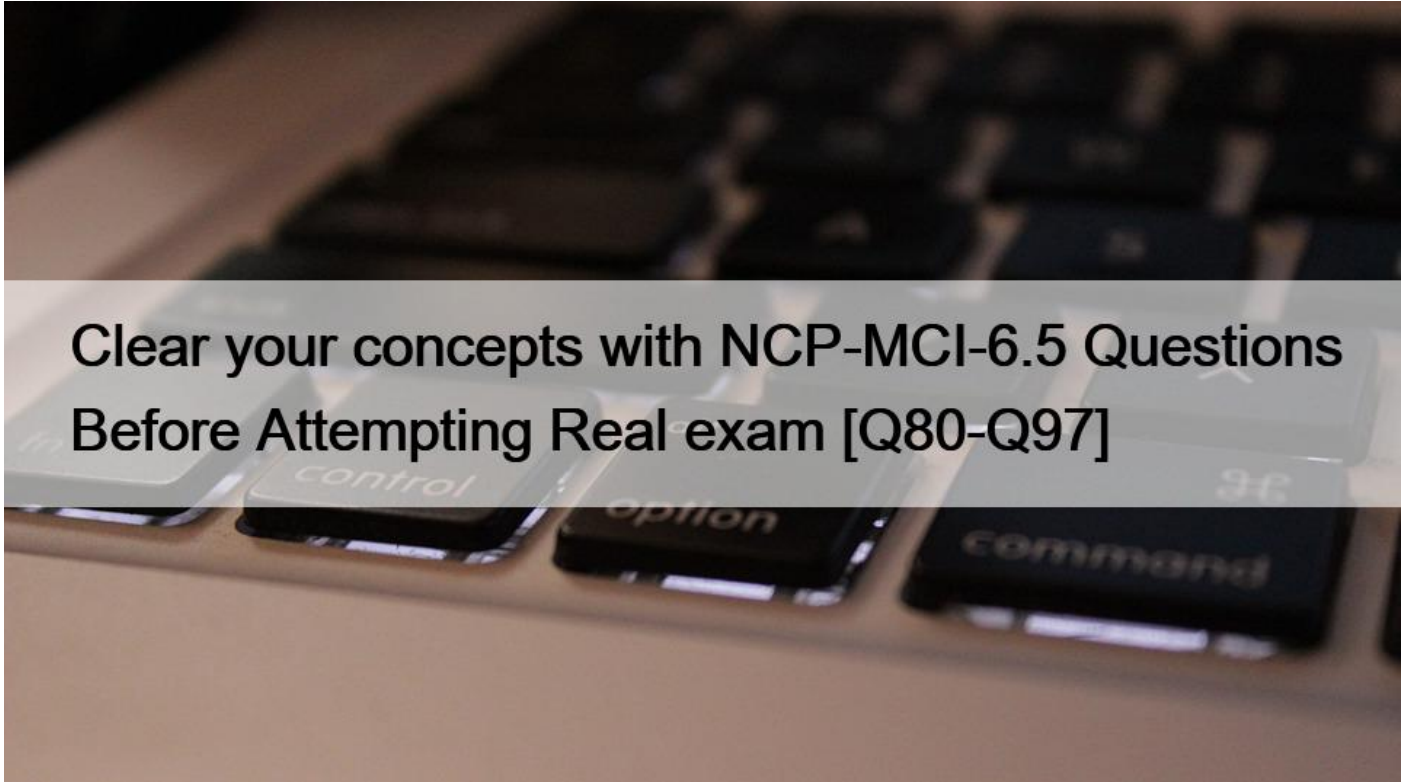


## Clear your concepts with NCP-MCI-6.5 Questions Before Attempting Real exam [Q80-Q97]



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**NO.80** While installing Windows 2019 on a new VM on an AHV cluster, an administrator notices there aren't any drives listed for the install.

What might the problem be?

- \* VirtIO drivers have not yet been installed and the disks are IDE disks.
- \* VirtIO drivers have not yet been installed and the disks are SCSI disks.
- \* VirtIO drivers must be installed on AHV for installations of Windows.
- \* VirtIO drivers aren't supported on this version of Windows 2019.

**NO.81** How should an administrator enable secure access to Volumes using a password?

- \* iSER
- \* CHAP
- \* SAML
- \* LDAP

Explanation

<https://portal.nutanix.com/page/documents/details/?targetId=Web-Console-Guide-Prism-v50:wc-block-services-Provision-storage> on the Nutanix cluster by creating a volume group. Create a client whitelist to enable access to the volume group by using the IP

addresses or client initiator IQNs in a whitelist (as part of the volume group configuration). Create a secret for the volume group if you are using CHAP authentication.

**NO.82** An administrator has an AHV cluster that is comprised of 4 nodes with the following configuration in each node:

CPU:2 each 2.4GHz, 12 core

Memory: 256GB

Disk: 6 each 1.92 SSD

A VM with 16 vCPUs and 96GB of RAM is being created on the cluster.

How should the administrator configure the VM to assure optimal performance?

- \* With an affinity policy
- \* With memory overcommit
- \* With 2 vNUMA nodes
- \* With Flash Mode enabled

Explanation

The best way to configure the VM for optimal performance is to set it up with 2 vNUMA nodes. This will ensure that the VM is configured to take advantage of the CPU and memory resources available in each node, and it will also ensure that all of the cores are utilized for the best performance. Additionally, the administrator should ensure that the VM has an affinity policy set up so that the vCPUs are evenly distributed across the four nodes. Finally, Flash Mode should be enabled in order to take advantage of the high-performance SSDs that are available in the cluster

**NO.83** An administrator wants to reduce the largest amount of alert emails received from Prism Central.

Which two settings should the administrator customize to meet this requirement? (Choose two)

- \* Skip empty digest email
- \* Every Single Alert
- \* Dally Digest
- \* Email Recipients

According to the Nutanix Support & Insights website<sup>1</sup>, you can configure alert emails through Prism Central by enabling or disabling customer email notification for each alert. You can also modify or create custom alert policies for different entities and clusters<sup>23</sup>.

**NO.84** An administrator needs to periodically send information about cluster efficiency via email to a set of users.

What should be configured to accomplish this task?

- \* Configure Efficiency widget in Prism Central.
- \* Create a new [prism Central project](#).
- \* update Capacity Configurations in Prism Central.
- \* Add a schedule to Prism Central reports.

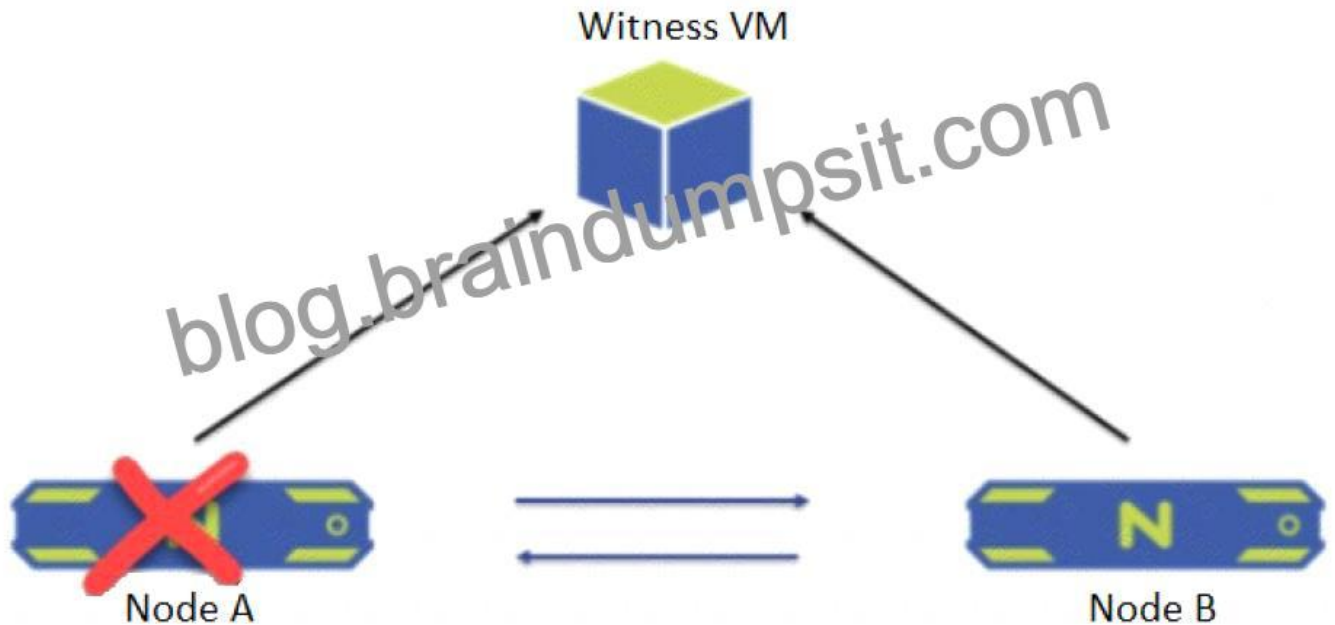
To periodically send information about cluster efficiency via email to a set of users, the administrator can follow these steps:

Create a report in Prism Central that contains the relevant information about cluster efficiency.

Add a schedule to the report to generate and send the report via email to the set of users at a specified frequency.

This will ensure that the users receive regular updates about the cluster efficiency without the need for manual intervention.

**NO.85** A two-node ROBO cluster is configured with a witness VM.



What happens when Node A goes down?

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

**NO.86** The administrator recently had a node fail in an AHV Nutanix cluster. All of the VMs restarted on other nodes in the cluster, but they discovered that the VMs that make up a SQL cluster were running on the failed host.

The administrator has been asked to take measures to prevent a SQL outage in the future.

What affinity option will prevent the SQL VMs from running on the same hos?

- \* VM-VM anti-Affinity policy
- \* Create Affinity Category
- \* VM-Most Affinity policy
- \* Create Affinity Project

**NO.87** 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?

- \* Health Dashboard > Manage Crocks > Frequency
- \* Alerts Dashboard > Manage Checks > Schedule
- \* Health Dashboard > Manage Checks > Schedule
- \* Alerts Dashboard > Manage Checks > Frequency

**NO.88** During an AHV upgrade, an administrator finds that a critical VM was powered off rather than migration to another host.

Which scenario explains this behavior?

- \* NO AHV hosts were able to be scheduled.
- \* The VM OS hung during migration.
- \* The VM was on the same host as the acropolis leader.
- \* The VM was marked as an agent VM.

**NO.89** 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.)

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

**NO.90** When VM HA Reservation is enabled, what is the expected behavior for all failed VMs in the event of a host failure?

- \* Restart on a best-effort basis if resources are available
- \* Perform a live migration to other hosts in the AHV cluster
- \* Restart on other hosts in the AHV cluster
- \* Perform a live migration on a best-effort basis if resources are available

**NO.91** Which two permission assignment tasks can be accomplished via Prism Element? (Choose two.)

- \* Grant a user permission to create VMs on a specific storage container
- \* Grant a user permission to view details of all VMs on a specific cluster
- \* Grant an active directory group permission to perform back operations
- \* Grant a user permission to create and delete snapshots on a specific VM

Prism Element is a management interface that allows administrators to assign permissions to users and groups on a per-cluster, per-VM, or per-storage container basis.

<https://www.nutanix.com/content/dam/nutanix/resources/support/ncp-mci-ds.pdf>

**NO.92** Which three upgrades should an administrator be able to perform using Lifecycle Management? (Choose Three)

- \* AOS
- \* BMC
- \* BIOS
- \* Hypervisor
- \* HBA Firmware

**NO.93** Which inefficient VM Profile can be used to identify a VM that consumes too many resources and causes other VMs to starve?

- \* Over-provisioned VM
- \* Inactive VM
- \* Bully VM
- \* Constrained VM

**NO.94** When configuring Prism Central, which two log modules are able to forward messages to an external syslog server? (Choose two.)

- \* API Audit
- \* Flow
- \* DNS
- \* NTP Synchronization

**NO.95** An administrator wants to create a trunked interface on a VM on AOS 5.15x.

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

- \* Use acli
- \* Log in over PE web UI.
- \* SSH to CVM.
- \* Update VM dialog.

Explanation/Reference:

Reference:

#sthash.3uIAHeXZ.dpbs

**NO.96** Refer to Exhibit.

**Data Resiliency Status**

FAULT DOMAIN TYPE: HOST

COMPONENT	FAILURES TOLERABLE	MESSAGE
Static Configuration	1	
Erase on Controller Size	1	
Stargate Health	1	
Metadata	1	
Oplog	1	
ZooKeeper	1	
Extent Groups	1	

An administrator increases the cluster RF to 3. The containers are not modified.

What will the new values in the data resiliency dashboard be for FAILURES TOLERABLE for the Zookeeper and Extent Groups components?

- \* Zookeeper = 1 and Extent Groups = 1
- \* Zookeeper = 2 and Extent Groups = 2
- \* Zookeeper = 2 and Extent Groups = 1
- \* Zookeeper = 1 and Extent Groups = 2

**NO.97** 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?

- \* Create one container and set capacity reservation
- \* Create two containers and reserve space for containers
- \* Create one container and enable compression
- \* Create two containers and reserve space for vDisks

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