

NCM-MCI^{Q&As}

Nutanix Certified Master - Multicloud Infrastructure

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QUESTION 1

An administrator is deploying an application using Nutanix Volumes. After configuring the volume group and connecting the guest's iSCSI initiator to the volume group, they begin performance testing.

The administrator learns that performance on the virtual disk attached to the iSCSI initiator is far less than that of a virtual disk connected directly to the VM.

Which situation is causing this condition?

- A. The VM's iSCSI traffic is being routed to the data services IP subnet
- B. The performance test is generating small block random IO.
- C. The cluster data services IP address is a bottleneck, shared with other iSCSI traffic
- D. Data Locality ensures that VM attached disks are always faster than iSCSI volumes.

Correct Answer: C

QUESTION 2

An administrator receives an error indicating that the CVMs in the cluster are not syncing to any NTP servers. An investigation of the issue finds:

1.

The NTP servers are configured in Prism

2.

The time on all CVMs is the same

3.

Both the CVMs and AHV hosts are configured for the UTC time zone Which two steps can be taken to troubleshoot this issue? (Choose two.)

- A. Confirm that the NTP servers are reachable from the CVMs.
- B. Restart genesis on all CVMs.
- C. On a CVM, run the command `nslookup ntpq-pn`.
- D. Restart the chronos service on all CVMs.

Correct Answer: AC

Ref:

https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000bmjeCAA#Review_ntpq

QUESTION 3

Refer to the exhibit.

VM NICs

TOR Switch

```

interface port-channel3000
description VPC 3000
switchport mode trunk
switchport trunk allowed vlan 10-20,30,40
switchport trunk native vlan 15
spanning-tree port type edge trunk
no lACP suspend-individual
vpc 3000
            
```

Cluster Networks

EUC-CONT	vlan.12	✎ ✕
EUC-EMP	vlan.11	✎ ✕
myinet	vlan.0	✎ ✕
VLAN15	vlan.15	✎ ✕
VLAN2	vlan.2	✎ ✕
VLAN20	vlan.20	✎ ✕
VLAN30	vlan.30	✎ ✕

An administrator is commissioning a Nutanix Enterprise Cloud. Once the user VMs have been deployed and are running, the administrator finds that VMs on the same host are able to communicate, but are unable to communicate

between hosts.

What must be changed to enable full inter-VM communications?

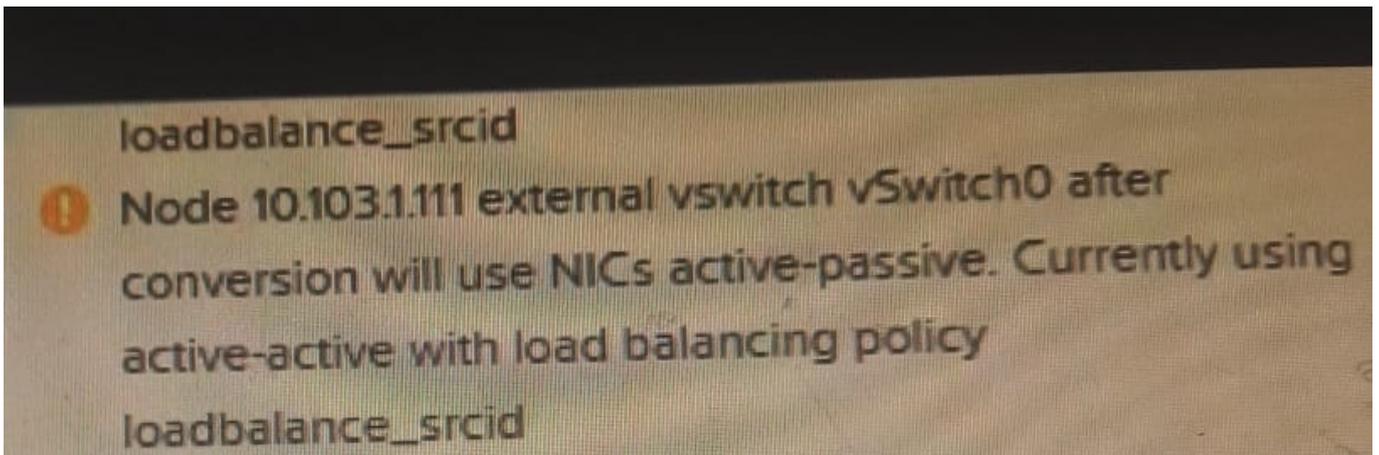
- A. Change the network the VMs are connected to
- B. Change the spanning-tree port type on the switch
- C. The VMs need to have static IP addresses
- D. Update the switch to specifically allow VLAN 15

Correct Answer: D

Ref: <https://hyperhci.com/2019/11/09/nutanix-ahv-enable-vlan-trunk-mode-on-guest-vm/>

QUESTION 4

Refer to the exhibit.



An administrator receive the warning messages shown in the exhibit while validating cluster conversion from EXSi to AHV. What should the administrator do to address this warning in v Center Server?

- A. Keep active adapters of different speeds as active standby
- B. Remove adapters that are active but not homogeneous.
- C. Keep homogeneous adapter as active and standby
- D. Remove the standby adapters under Teaming and Failover.

Correct Answer: C

QUESTION 5

An administrator inherits a new Nutanix environment and logs in to a CVM to check the network configuration. The configuration is as follows:

```
nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_uplinks
Bridge: br0
  Bond: br0-up
    bond_mode: active-backup
    interfaces: eth3 eth2
    lacp: off
    lacp-fallback: True
    lacp_speed: slow
Bridge: br1
  Bond: eth0
    bond_mode: active-backup
    interfaces: eth0
    lacp: off
    lacp-fallback: false
    lacp_speed: slow
Bridge: br2
Bridge: br5

nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_interfaces
name  mode  link  speed
eth0   1000  True  1000
eth1   1000  True  1000
eth2   10000 True  10000
eth3   10000 True  10000
:      :      :
nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$
```

Which action should the administrator take to improve network performance?

- A. Configure VLAN tagging both on br0 and br1 and their physical interfaces.
- B. Add eth0 and eth1 to the br0-up bond
- C. Configure balance-sib or balance-tcp mode for br0-up if switch configuration allows
- D. Remove one 10 Gbs interface from br0-up to make sure all 10 Gbs can be used.

Correct Answer: D

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