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QUESTION 1

A three-node cluster has a Nutanix Files instance with three FSVMs.

What happens after a node failure?

- A. The affected FSVM will get live-migrated to another node.
- B. The affected FSVM will not be restarted on another node due to its agent VM setting.
- C. The affected FSVM will not be restarted on another node due to its VM-to-VM anti-affinity settings.
- D. The affected FSVM will be restarted on another node.

Correct Answer: D

Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-files-high-availability-c.html

QUESTION 2

An administrator has a custom backup application that requires a 2TB disk and runs in Windows. Throughput is considerably lower than expected. The application was installed on a VM with the following configuration:

1.

Four vCPUs with one core/vCPU

2.

4GB of Memory

3.

One 50GB vDisk for the Windows installation

4.

One 2TB vDisk for the application

What is the recommended configuration change to improve throughput?

- A. Increase the number of cores per vCPU
- B. Increase the vCPUs assigned to the VM
- C. Span the 2TB disk across four vDisks
- D. Add 4GB of memory to the VM

Correct Answer: B



QUESTION 3

An administrator is migrating 5MB shares from a third-party platform to Nutanix Files with the following characteristics:

1.

Shares contain user profile directories

2.

DFS-N will be used

How should the administrator create target shares for this migration?

- A. Create multiple general purpose shares and distribute migrated data as evenly as possible.
- B. Create multiple distributed shares and distribute migrated data as evenly as possible.
- C. Create standard shares with multiple top-level directories and distribute migrated data.
- D. Create distributed shares with multiple top-level directories and distribute migrated data.

Correct Answer: D

Ref: https://portal.nutanix.com/page/documents/details/?targetId=Files-v3_6:Files-v3_6

QUESTION 4

An administrator receives an alert in Prism indicating that interface eth2, on an AHV host is receiving many CRC errors. After toggling into the problematic host, the following command is run to show the indicated output:



```
[root@AHV-Host ~]# ethtool -S eth2 | grep error
rx_errors: 0
tx_errors: 0
rx_over_errors: 0
rx_crc_errors: 478593
rx_frame_errors: 0
rx_fifo_errors: 0
rx_missed_errors: 0
tx_aborted_errors: 0
tx_carrier_errors: 0
tx_fifo_errors: 0
tx_heartbeat_errors: 0
rx_long_length_errors: 0
rx_short_length_errors: 0
rx_csum_offload_errors: 0
- - -
```

What is causing this issue?

- A. Incorrect link speeds on the switch
- B. The interface is incorrectly configured with Jumbo Frames
- C. A misconfigured bond
- D. A physical layer network problem

Correct Answer: B

Ref: rx_crc_errors are caused either by faults in layer 1 (in the past, we have seen failed twinax cables and incorrect types of fibre being used), or issues with jumbo frames on the network. In an environment with 10 Gig switches that use cut-through forwarding (Cisco Nexus, Arista, Cisco devices using IOS default to Store and Forward switching), any packets that come into the switch will get forwarded out the destination interface once the switch has read the destination MAC address. If that packet has an MTU over what is configured on the interface, it will cut off the packet at the designated MTU, causing the server to receive a malformed packet, which will throw a CRC error. If you have a layer 1 issue, you will see rx_crc_errors, not on all but one or two nodes.

QUESTION 5

Over the period of 2 to 3 weeks, a cluster displays the following:

- 1.



Periods where Warning Alerts of memory usage over 75% are asserted

2.

Periods where Critical Warnings of memory usage over 90% are asserted

3.

Periods of slow or frozen VDI desktops have caused work stoppage or slowdown

4.

VDI clones have periodically not powered up when called, causing work stoppage Which steps should be used to prioritize the administrator's troubleshooting efforts?

A. 1. Assess resource health on Hardware page

2.

Review the Analysis page for memory usage demand

3.

Determine the VDI workload-to-host affinity across the cluster

B. 1. Analyze Alert Pages for a root cause of memory problem

2.

Analyze VM table page to access the VM functionality

3.

Analyze the VDI Clone properties for possible VDI Workload stress

C. 1. Check Analysis page for CPU demand

2.

Verify VDI workload property for memory subscription

3.

Review the Hardware page to determine if the cluster has sufficient RAM

D. 1. Review Analysis Page for memory use pattern

2.

Alert with VDI workload demand

3.

Analyze current and future workload in the Capacity Runaway tab for sufficient resources

Correct Answer: D



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