EXAMTOPICS

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Question #1 *Topic 1*

After logging into Prism Element, an administrator presses the letter A on the keyboard.
What is the expected outcome of this input?

A. Analysis page will launch.

B. Alerts page will launch.

C. About Nutanix page will launch.

D. API Explorer page will launch.

Suggested Answer: *B*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: A

Alert as everyone here says

upvoted 1 times

Migzzzzzzzz 1 year, 10 months ago

Alerts B

upvoted 1 times

saxon_1 2 years, 1 month ago

Alerts is correct answer

upvoted 1 times

dmohaneef 2 years, 2 months ago

Alerts

upvoted 1 times

aylbul 2 years, 6 months ago

Alerts.

upvoted 1 times

wave 2 years, 12 months ago

correct!

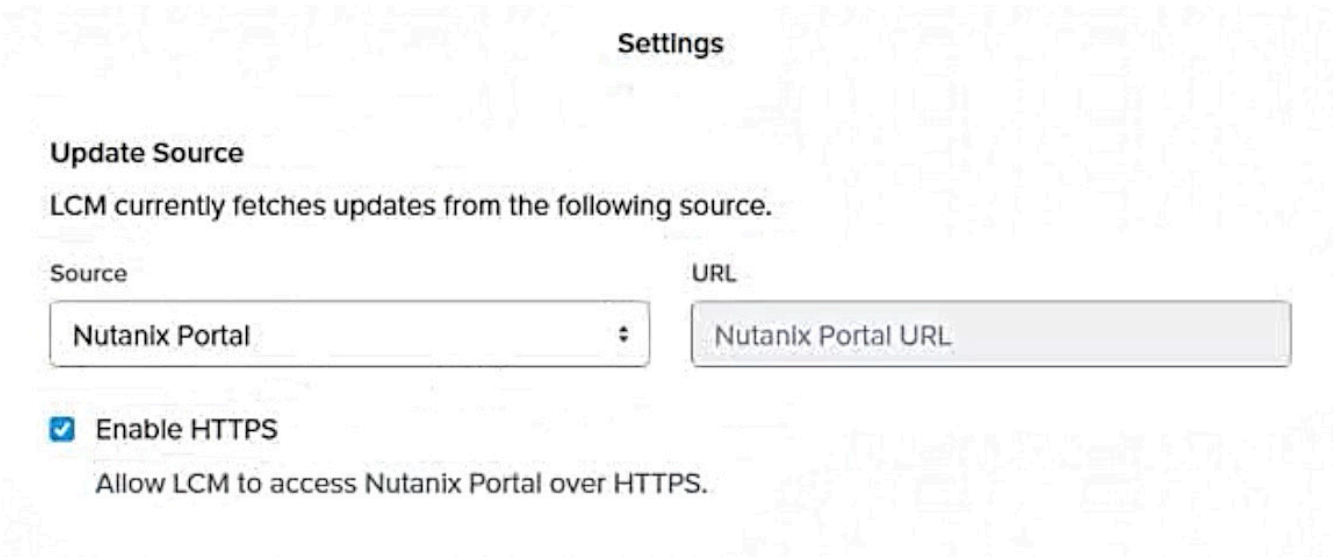
upvoted 2 times

Question #2 *Topic 1*

Refer to the exhibit.

The Update Source for LCM has been configured as shown in the exhibit. Inventory is failing consistently.

What is the likely cause of this issue?



A. Port 80 is blocked by a firewall.

B. The administrator does not have a valid portal account.

C. The license assigned to the cluster has expired.

D. Port 443 is blocked by a firewall.

Suggested Answer: *D*

aylbul Most Recent 2 years, 6 months ago

Selected Answer: D

correct

upvoted 1 times

spirel 2 years, 12 months ago

Correct for me

upvoted 1 times

Question #3 *Topic 1*

An administrator has created a Nutanix managed network, and assigned it a VLAN ID of 512.
Several VMs have been created, and the administrator notices that the VMs can successfully communicate with other VMs on that VLAN, provided they are on the same host, but cannot communicate with VMs that reside on different hosts in the cluster.
What is most likely the cause of this issue?

A. There is a firewall rule blocking VLAN512 traffic.

B. The VLAN was not created on the upstream switches.

C. The administrator did not create the VLAN on all hosts.

D. VLAN512 is a reserved VLAN ID, and not usable for guest VMs.

Suggested Answer: *B*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: B

Isn't an easy one but should be B

upvoted 1 times

Migzzzzzzzz 1 year, 10 months ago

Selected Answer: B

InterHost Communication needs Vlan to be defined on Upstream Switches

upvoted 1 times

saxon_1 2 years, 1 month ago

B is correct answer

upvoted 1 times

Question #4 *Topic 1*

An administrator logs into the Nutanix Support Portal and notices there is a new version of the LCM Framework available. In an effort to ensure LCM is providing the latest features, the administrator would like to upgrade LCM.
How can the LCM Framework be upgraded?

A. Upload the latest LCM Framework bundle via Upgrade Software in Prism

B. Upload the latest LCM Framework as an image in the Image Configuration in Prism

C. Upgrade AOS

D. Perform an LCM inventory

Suggested Answer: *D*

luis_vel Most Recent 2 years ago
D is the correct
upvoted 2 times

saxon_1 2 years, 1 month ago
Selected Answer: D
D is correct
upvoted 1 times

jkrollin 2 years, 2 months ago
Selected Answer: D
Perform inventory to update the LCM framework to the latest version. LCM auto-updates its own framework. If updates to the LCM framework are available, LCM will update itself, then continue with the operation.
upvoted 2 times

ManGabby 2 years, 5 months ago
The answer is D
upvoted 2 times

Couplast 2 years, 5 months ago
Selected Answer: D
Definitely D
upvoted 2 times

love719 2 years, 6 months ago
Selected Answer: D
The answer is D
upvoted 1 times

From8_ 2 years, 8 months ago
Selected Answer: D
Answer is D
upvoted 1 times

Jsahu 2 years, 9 months ago
D is correct
upvoted 1 times

VigelAll 2 years, 11 months ago
Selected Answer: D
D is the right one
upvoted 1 times

DaHomieJazzy 2 years, 11 months ago
Selected Answer: D
Answer is D
upvoted 2 times

Question #5 *Topic 1*

On a Nutanix cluster, what does Network Segmentation refer to?

A. Isolating management traffic from storage replication traffic.

B. Physically separating management traffic from guest VM traffic.

C. Isolating intra-cluster traffic from guest VM traffic.

D. A distributed firewall for securing VM to VM traffic.

Suggested Answer: *A*

DEEGEE1977 Most Recent 1 year, 10 months ago

Selected Answer: A

Backplane traffic Backplane traffic is intra-cluster traffic that is necessary for the cluster to function, and it comprises traffic between CVMs and traffic between CVMs and hosts for functions such as storage RF replication, host management, high availability, and so on. This traffic uses eth2 on the CVM. In AHV, VM live migration traffic is also backplane, and uses the AHV backplane interface, VLAN, and virtual switch when configured. For nodes that have RDMA-enabled NICs, the CVMs use a separate RDMA LAN for Stargate-to-Stargate communications. Management traffic Management traffic is administrative traffic, or traffic associated with Prism and SSH connections, remote logging, SNMP, and so on. The current implementation simplifies the definition of management traffic to be any traffic that is not on the backplane network, and therefore also includes communications between user VMs and CVMs. This traffic uses eth0 on the CVM.

A seems to be the answer that fits best.

upvoted 1 times

saxon_1 2 years, 1 month ago

A seems to be right answer

upvoted 1 times

jkrollin 2 years, 2 months ago

Selected Answer: A

Isolating Backplane Traffic by using VLANs (Logical Segmentation) You can separate management traffic from storage replication (or backplane) traffic by creating a separate network segment (LAN) for storage replication.

upvoted 2 times

timjgray68 2 years, 4 months ago

Selected Answer: A

Per AOS 6.7 Security Guide- You can separate management traffic from storage replication (or backplane) traffic by creating a separate network segment (LAN) for storage replication.

upvoted 1 times

JTowns 2 years, 4 months ago

Selected Answer: A

You can separate management traffic from storage replication (or backplane) traffic by creating a separate network segment (LAN) for storage replication.

upvoted 3 times

VigelAll 2 years, 11 months ago

Selected Answer: A

Hotwired is right, A is the correct answer

upvoted 1 times

Hotwired34 2 years, 11 months ago

Selected Answer: C

Storing my choice here for future

upvoted 1 times

saisat2002 2 years, 11 months ago

A. Isolating management traffic from storage replication traffic.

upvoted 2 times

Question #6 *Topic 1*

Which component can be associated with a storage policy?

A. Catalog

B. VM

C. Category

D. Subnet

Suggested Answer: *B*

4555af8 Most Recent 1 year, 12 months ago

From course guide: "Categories are required for storage policies to be implemented. A storage policy can only be associated with a category, and cannot be directly associated with a VM."

upvoted 3 times

saxon_1 2 years, 1 month ago

I agree with kasiba

upvoted 1 times

garid101101 2 years, 2 months ago

Correct answer is C. Storage Policy is associated with Category. Store Policy is applied to VM's.

upvoted 2 times

kasiba 2 years, 7 months ago

The correct answer is C. Storage Policy is applied to VMs and Volume Groups. However, you can't directly associate VMs and VGs with storage policy, you need to create a category and place the VMs and VGs into a category and enable storage policy.

upvoted 3 times

makario 2 years, 9 months ago

Category is the right answer. You apply a policy to a VM via Categories.

upvoted 1 times

JustinS1234 2 years, 10 months ago

I followed the link provided by hotwired, and verified the correct answer is C.

upvoted 3 times

VigelAll 2 years, 11 months ago

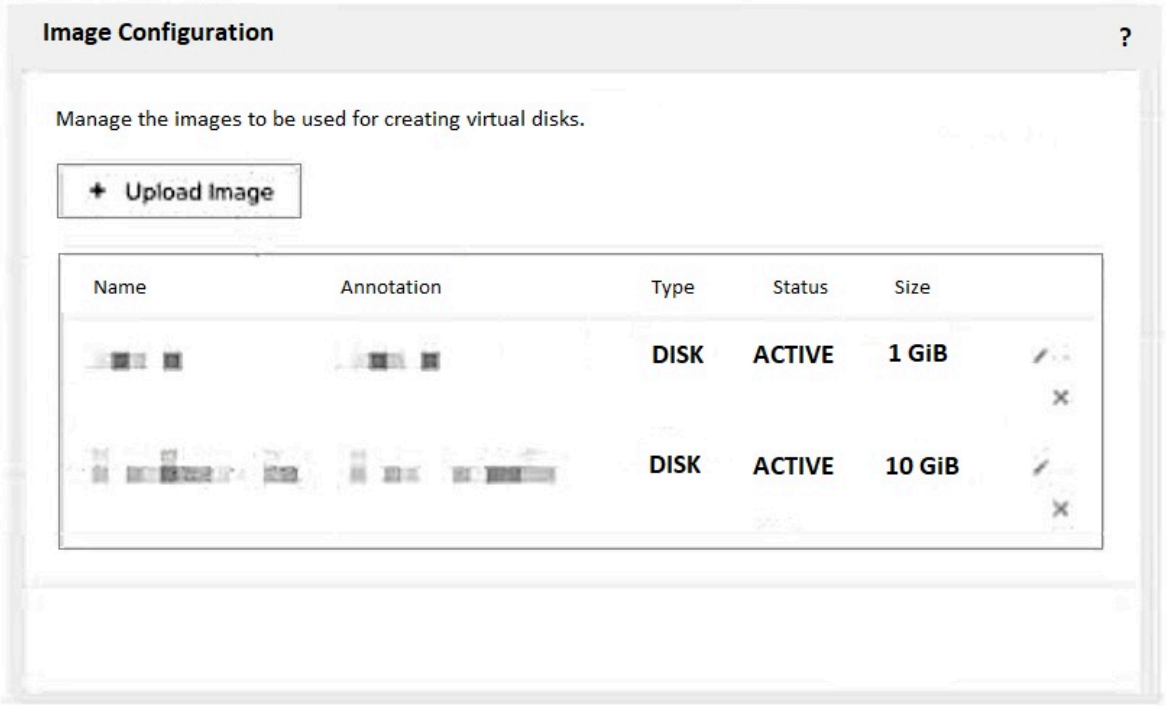
Selected Answer: C

It is C (Category) just tested on my Prism Central lab right now

upvoted 2 times

Question #7 *Topic 1*

Refer to the exhibit.
An administrator needs to update some images that were previously uploaded to their Nutanix cluster. While logged into Prism Element when trying to update the images, the update icon is not enabled.
What could be the cause for this behavior?



A. The files were ISO but were uploaded as disk images hence cannot be used or edited.

B. Images are corrupted and must be re-uploaded.

C. RBAC is configured and the administrator's user doesn't have the right privileges.

D. Images were imported into Prism Central.

Suggested Answer: *D*

saxon_1 Most Recent 2 years, 1 month ago
D is correct answer
upvoted 1 times

jkrollin 2 years, 2 months ago
Selected Answer: D
An image imported to Prism Central continues to reside on the cluster that owns it. Prism Central only creates and stores image metadata locally, and it uses that metadata when you perform an action on the image. After you import an image, the image remains visible on the cluster from which you imported it, however the system never allows you to update the image on the cluster. You can update the image only from Prism Central.
upvoted 3 times

ManGabby 2 years, 5 months ago
D is the answer
upvoted 1 times

JustinS1234 2 years, 10 months ago
Selected Answer: D
Correct answer is for sure D.
upvoted 1 times

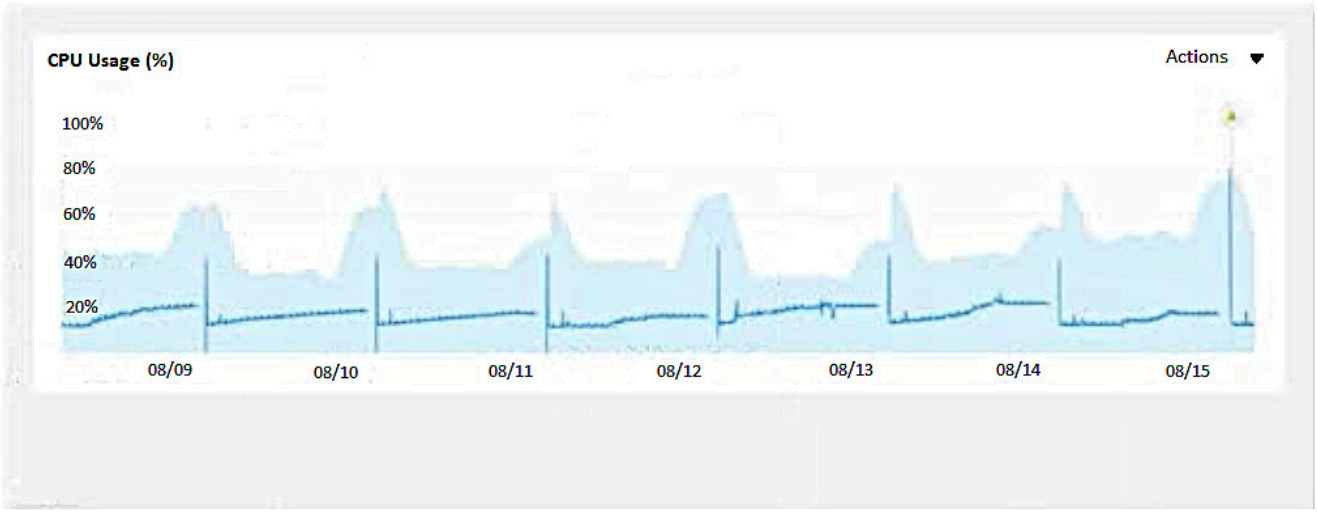
avarma89 2 years, 11 months ago
Correct Answer D:

upvoted 2 times

Question #8 *Topic 1*

Refer to the exhibit.

Why has an anomaly been triggered?



A. Because the CPU usage reached 100%.

B. Because the CPU usage crossed the blue band.

C. Because the CPU usage dropped below 20%.

D. Because the blue band range increased over the last 2 days.

Suggested Answer: *B*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: B

Agree with the answer

upvoted 1 times

saxon_1 2 years, 1 month ago

I agree with aboufermatic

upvoted 1 times

mmar123 2 years, 3 months ago

The anomaly detection module measures usage every five minutes and compares that usage with the predicted values. If the observed value is outside the band, it flags that value as an anomaly.

upvoted 2 times

aboufermatic 2 years, 4 months ago

B Correct

upvoted 3 times

JustinS1234 2 years, 10 months ago

Couldn't really find and info pertaining to this. Guess I will answer this way if it appears on the test. Would love some clarification.

upvoted 1 times

Question #9 *Topic 1*

An administrator wants to expand the Failure Domain level of a cluster.
What two options are available? (Choose two.)

A. Data Center

B. Node

C. Block

D. Rack

Suggested Answer: *C, D*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: CD

Based on the Nutanix doc, i would say C and D

upvoted 1 times

saxon_1 2 years, 1 month ago

c&d is correct

upvoted 1 times

garid101101 2 years, 2 months ago

Final answer C , D

upvoted 2 times

aboufermatic 2 years, 4 months ago

C, D Correst

upvoted 3 times

Hotwired34 2 years, 11 months ago

Answer is C and D Failure Domains are also known as Fault Tolerance Levels. In Nutanix, the only options you have to change the fault tolerance level are setting Rack Fault Tolerance and Block Fault Tolerance. Unless their documentation is off: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_7:arc-failure-modes-c.html

upvoted 3 times

JustinS1234 Highly Voted 2 years, 10 months ago

Hey hotwired, you're pretty active here. Did you take the test and pass? Would love to know how much ET helped. If you see this and could reply it would be greatly appreciated.

upvoted 5 times

Question #10 *Topic 1*

An administrator is tasked with configuring networking on an AHV cluster and needs to optimize for maximum single VM throughput.
Which bond mode should the administrator select?

A. Active-Active

B. Active-Active with Mac Pinning

C. Active-Backup

D. No Uplink Bond

Suggested Answer: *A*

saxon_1 Most Recent 2 years, 1 month ago

Answer A

upvoted 2 times

aboufermatic 2 years, 4 months ago

A correct

upvoted 1 times

alfaro_azul 2 years, 5 months ago

https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_5:wc-network-configuration-cluster.html

upvoted 2 times

JustinS1234 2 years, 10 months ago

Selected Answer: A

Verified as well, answer is A for certain.

upvoted 2 times

Hotwired34 2 years, 11 months ago

Answer is correct: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_19:wc-network-vs-create-upgrade-wc-t.html

upvoted 2 times

Question #11 *Topic 1*

An administrator is troubleshooting vDisk performance issues in a Nutanix cluster with hybrid disks. The VMs all have Flash Mode enabled, but users are reporting disk latency.
What could cause these performance issues?

A. Data size for flash mode exceeds 25% of the SSD capacity.

B. The VMs vDisks are in multiple containers.

C. Hash mode is disabled when a node fails.

D. Compression is disabled on the vDisk storage container.

Suggested Answer: *A*

saxon_1 Most Recent 2 years, 1 month ago
Asnwer A is correct
upvoted 1 times

Patig 2 years, 5 months ago
Selected Answer: A
Flash Mode Considerations: Flash mode is disabled when a node fails. Ensure that the data size for flash mode doesn't exceed 25% of the SSD capacity. Compression settings on the vDisk storage container can also impact performance.
upvoted 3 times

JustinS1234 2 years, 10 months ago
Selected Answer: A
Answer is A for certain, researched link listed.
upvoted 2 times

Hotwired34 2 years, 10 months ago
Selected Answer: A
I'm pretty sure the right answer is A. This article talks all about the reduction of performance once the data size goes over 25%: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_7:wc-vm-flash-mode-c.html
upvoted 3 times

arunbalaraman 2 years, 10 months ago
I think B is the answer as In a Nutanix environment, flash mode (also known as "flash acceleration") is designed to improve the performance of VMs by leveraging SSDs for hot data. It allows frequently accessed data to be cached on SSDs, reducing latency. If the VMs' vDisks are spread across multiple storage containers, and some of these containers are not utilizing flash mode effectively, it can lead to latency issues for the VMs whose vDisks are not benefiting from flash acceleration.
upvoted 1 times

Question #12 *Topic 1*

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?

A. VirtIO drivers must be installed on AHV for installations of Windows.

B. VirtIO drivers aren't supported on this version of Windows 2019.

C. VirtIO drivers have not yet been installed and the disks are SCSI disks.

D. VirtIO drivers have not yet been installed and the disks are IDE disks.

Suggested Answer: *C*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: C

C to confirm the right answer

upvoted 1 times

ManGabby 2 years, 5 months ago

The answer is definately C because it is at the point of installation that the virtio iso is attached to the vm before the drives can be seen

upvoted 2 times

EXD 2 years, 7 months ago

the answer A is correct! see Nutanix VirtIO is a collection of drivers meant to enhance the stability and performance of VMs. VirtIO bundles several different drivers, including ethernet adapter, RNG device, SCSI pass- through controller, SCSI controller, serial driver, and so on. VirtIO is available in two formats. If you are performing a fresh installation of Windows on an AHV VM, use the VirtIO ISO. If you are updating VirtIO for Windows on an existing VM, use the VirtIO MSI installer file. The latest VirtIO drivers can be downloaded from the Nutanix Support Portal. To download the latest versions: Access the Downloads section on the Support Portal, and select AHV. Select VirtIO in the drop-down menu and download the required VirtIO package. You can download the latest VirtIO drivers from the Nutanix Support Portal.

upvoted 3 times

EXD 2 years, 7 months ago

I think Hotwired may be correct, the drivers does not to be installed in AHV!. this is tricky here. I`ll say C is the better choice considering this.

upvoted 3 times

JustinS1234 2 years, 10 months ago

Going with C here.

upvoted 1 times

eth1986 2 years, 10 months ago

Selected Answer: C

Correct answer is C

upvoted 2 times

Hotwired34 2 years, 11 months ago

Selected Answer: C

Correct answer is C

upvoted 3 times

Hotwired34 2 years, 11 months ago

I could be wrong, but this doesn't sound right. VirtIO drivers aren't installed in AHV, they're loaded in the booted VM during an installation by attaching the ISO and installing the driver. I also believe it's just for the SCSI controllers, so I think the answer should be C.

upvoted 4 times

proitncx 1 year, 12 months ago

I've done this multiple time you're correct while installing a fresh windwos server 2019 or later you should mount also the VirtIO driver and chose the iscsi passthrough after that the disk will be visble so you can install the os on it

upvoted 1 times

Question #13 *Topic 1*

An administrator is setting up a Nutanix cluster and needs to configure the default VLAN.
Which configuration should the administrator choose?

A. vlan.0

B. vlan.1

C. vlan.2

D. vlan.7

Suggested Answer: *A*

ntxctx Highly Voted 3 years ago
VLAN by default is VLAN 0 https://next.nutanix.com/installation-configuration-23/nutanix-vlan-34170
upvoted 5 times

garid101101 Most Recent 2 years, 2 months ago
Final and correct answer : Vlan 0
upvoted 2 times

mmar123 2 years, 3 months ago
By default, the Controller VM and the hypervisor are assigned to VLAN 0, which effectively places them on the native VLAN configured on the upstream physical switch.
upvoted 2 times

KP2586 2 years, 5 months ago
Selected Answer: A
By default, the public interface of a Controller VM is assigned to VLAN 0.
upvoted 2 times

edukation2 2 years, 7 months ago
Selected Answer: A
VLAN by default is VLAN 0 https://next.nutanix.com/installation-configuration-23/nutanix-vlan-34170
upvoted 2 times

JustinS1234 2 years, 10 months ago
Default VLAN is vlan0, Answer is A without a doubt.
upvoted 2 times

eth1986 2 years, 10 months ago
Selected Answer: A
Correct answer is A
upvoted 2 times

Hotwired34 2 years, 11 months ago
Selected Answer: A
Correct - VLAN 0 is default
upvoted 3 times

DaHomieJazzy 2 years, 11 months ago
Selected Answer: A
Default VLAN is 0
upvoted 3 times

Question #14 *Topic 1*

During an AHV upgrade, an administrator finds that a critical VM was powered off rather than migrating to another host.
Which scenario explains this behavior?

A. No AHV hosts were able to be scheduled.

B. The VM was on the same host as the acropolis leader.

C. The VM OS hung during migration.

D. The VM was marked as an agent VM.

Suggested Answer: *D*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: D

I'm selecting D

upvoted 1 times

garid101101 2 years, 2 months ago

Final and correct answer : D Because Agent VM will power off at end of host shutdown/restart and power on at begning of Boot.

upvoted 2 times

General_HCCIE 2 years, 4 months ago

VMs with GPU, CPU passthrough, PCI passthrough, and host affinity policies are not migrated to other hosts in the cluster. You can choose to shut down such VMs while putting the node into maintenance mode.

D is the correct ANSWER

Agent VMs are always shut down if you put a node in maintenance mode and are powered on again after exiting maintenance mode.

upvoted 2 times

alfaro_azul 2 years, 5 months ago

D is correct https://portal.nutanix.com/page/documents/details?targetId=AHV-Admin-Guide-v6_5:wc-node-maintenance-ahv-wc.html

upvoted 2 times

headcase 2 years, 5 months ago

Selected Answer: D

D https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000CmlyCAC

upvoted 2 times

JustinS1234 2 years, 10 months ago

Selected Answer: D

Answer is correct, D. Agent VMs dont switch hosts because it's set to a specific host

upvoted 2 times

Hotwired34 2 years, 11 months ago

Answer is correct: https://nutablogwithpaul.wordpress.com/2020/07/17/agent-vm-on-nutanix/ "Agent VMs are never migrated to any other host in the cluster. If an HA event occurs or the host is put in maintenance mode, agent VMs are powered off and are powered on on the same host once that host comes back to a normal state."

upvoted 3 times

Question #15 *Topic 1*

An administrator wants to receive an environment summary report when a host failure occurs.
Which action would address the administrator's need?

A. Create a playbook

B. Enable App Discovery

C. Edit report schedule

D. Configure an alert policy

Suggested Answer: *A*

DEEGEE1977 Most Recent 1 year, 10 months ago

Selected Answer: A

Set trigger - alert "Node Failure", add action "generate report", environment summary, add action - email

upvoted 1 times

luis_vel 2 years ago

I agree the answer is A, the only way to receive a Environment summary report by email when a host fail is using a Playbook, no see how the configuration alert policy can send by email the Environment summary report when a host failure occurs.

upvoted 2 times

proitncx 1 year, 12 months ago

Alerts sends also the critical events that happen in the cluster, if a host fails or a cvm, or a service is down you will receive an alert by email, host failure considered as an event with severity critical

upvoted 1 times

garid101101 2 years, 2 months ago

Final and correct answer : A Coz Only playbook has option for Node failure alert and send Environment summary report.

upvoted 2 times

Couplast 2 years, 5 months ago

Selected Answer: D

An alert policy can be configured to send out an environment summary report when a host failure occurs.

upvoted 1 times

soze 2 years, 7 months ago

Selected Answer: A

It might be A https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_3:mul-playbooks-email-report-pc-t.html

upvoted 2 times

Zippy12 2 years, 8 months ago

Selected Answer: A

A is the only complete answer.

B isn't useful at all. C can create the report and send it, but only on a schedule. Partial solution. D can create the alert, but not generate the report. Another partial solution.

A playbook would let you use the alert as a trigger, then generate and send the report as actions.

upvoted 3 times

chort1313 2 years, 9 months ago

The answer is correct. D. An alert policy can be configured to send out an environment summary report when a host failure occurs.This can be done by creating a policy that triggers an alert whenever a host fails and then configuring thepolicy to send out a report that provides a summary of the environment in which the failure occurred. Thiswill allow the administrator to quickly get a view of the environment after a failure occurs, allowing them totake the necessary steps to address the issue

upvoted 3 times

Zippy12 2 years, 8 months ago

I disagree, the alert policy can be made to trigger on failure but doesn't itself have a way to send the summary report. That's why you need the playbook.

An alert would obviously be the way to trigger the playbook, and would suffice to send an email about the alert, but doesn't meet the stated requirement of generating an environment summary report.

upvoted 1 times

JustinS1234 2 years, 10 months ago

Selected Answer: A

Answer is A "Playbook allows you to define a trigger that results in the execution of an action or a series of actions. A trigger may be an event that occurs in the system, such as an alert or a request made by you. The resultant actions that you configure can be VM actions, communication actions, alert actions, or report actions."

"https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_3:ssp-report-management-ssp-pc-c.html#:~:text=The%20environment%20summary%20report%20provides,is%20registered%20to%20Prism%20Central."

upvoted 3 times

gmobile 2 years, 9 months ago

Like you said, a playbook executes a series of action, but NOT include an email summery

upvoted 1 times

Zippy12 2 years, 8 months ago

Generating the report and sending an email are both actions you can include in your series of actions.

upvoted 1 times

JustinS1234 2 years, 9 months ago

Nowhere in the question does it mention needing an email summary.

upvoted 1 times

Xcominicado 2 years, 10 months ago

I think C is the correct answer : https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_3:ssp-report-management-ssp-pc-c.html#:~:text=The%20environment%20summary%20report%20provides,is%20registered%20to%20Prism%20Central.

upvoted 2 times

Zippy12 2 years, 8 months ago

Seems like the only options there are to schedule the report or run it manually. Doesn't meet the requirement of sending based on a host failure.

upvoted 1 times

Question #16 *Topic 1*

An administrator is concerned about the amount of data that a VM is reading and writing to the storage fabric.
Which metric will provide that data?

A. Host Hypervisor IO Bandwidth

B. VM Storage Controller IOPS

C. VM Storage Controller Bandwidth

D. Host Disk IOPS

Suggested Answer: *C*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: C

I'm going with C even it's not really clear

upvoted 1 times

Zaghlool 1 year, 10 months ago

Selected Answer: C

C is the correct answer. According to the below “Performance Metrics of a Nutanix VM Monitor” documentation, the two available Metrics are “Controller IOPS” and “Controller I/O Bandwidth” Let's assume we have two VMs and both are consuming 10,000 IOPS. In that case, I would immediately look at the I/O Bandwidth metric to know which one of these two VMs consume more data. Generally, I always look at IOPS as half of the truth, I have to put into perspective the Bandwidth used or the throughput to have full view of what is happening on my storage devices.

upvoted 1 times

4555af8 1 year, 11 months ago

There are two graphs under the Metrics tab; Storage Controller IOPS and Storage Controller I/O Bandwidth. For this question, I would answer Storage Controller IOPS, simply because "Storage Controller Bandwidth" isn't quite the exact name.

upvoted 1 times

General_HCCIE 2 years, 4 months ago

Selected Answer: C

Both Answers B & C are Valid, the IOPS mean the number of Operations Per Second, to calculate the bandwidth we need to multiply the IO * the Block Size. for the controller bandwidth it tell us the answer of the question (the amount of data ...)

upvoted 3 times

e36729 2 years, 5 months ago

Selected Answer: B

B is the answer. Bandwidth is the size of the pipe. ie; I have a 100mbit network connection. This does not talk about the amount of data been utilized by the VM or its activity on the network.

IOPs on the other hand are the input / output operations per second. ie; how much data is been read and written based on the amount of operations.

upvoted 4 times

General_HCCIE 2 years, 4 months ago

how much data mesured by the Bandwidth not the IOPS. IOPS used to indicate the performance.

upvoted 1 times

alfaro_azul 2 years, 5 months ago

I think is B

IOPS=Input/Output operations per second from disk. Bandwith=Data transferred per second in KB/second from disk.

https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_6:wc-analysis-metrics-r.html

upvoted 4 times

Halim79 2 years, 6 months ago

Selected Answer: B

The Correct Answer

upvoted 3 times

MikeInIT 2 years, 9 months ago

Selected Answer: C

Amount of data = bandwidth

upvoted 4 times

Ghanem_adel 2 years, 9 months ago

the answer is B

upvoted 3 times

Question #17 *Topic 1*

What Nutanix feature provides effective caching optimization in VDI environments?

A. Shadow Clones

B. Remote Protection Group

C. Snap Clones

D. Local Protection Group

Suggested Answer: *A*

headcase Most Recent 2 years, 5 months ago

Selected Answer: A

https://portal.nutanix.com/page/documents/solutions/details?targetId=TN-2100-Performance-Analysis-Nutanix-Shadow-Clones:TN-2100-Performance-Analysis-Nutanix-Shadow-Clones

upvoted 3 times

Hotwired34 2 years, 11 months ago

Answer is correct: https://myvirtualcloud.net/nutanix-shadow-clones-explained-and-benchmarked/

upvoted 2 times

Question #18 *Topic 1*

Upon logging into Prism Central, an administrator notices high cluster latency.
How can the administrator analyze data with the least number of steps or actions?

A. Take note of the cluster name and create a new Analysis chart.

B. Click the cluster name in the cluster quick access widget.

C. Click on the chart in the widget to expand the data elements.

D. Modify Data Density in the main Prism Central dashboard.

Suggested Answer: *C*

4555af8 Most Recent 1 year, 10 months ago

Selected Answer: C

Log into PC > click graph in Cluster Latency > click Full View > enjoy graphs

upvoted 1 times

tch 2 years, 3 months ago

Expanding a data element in a widget is not possible in all widgets

upvoted 1 times

AL03 2 years, 6 months ago

Selected Answer: C

C, I've also look at this forum from nutanix: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Supplement-v2021_1:mul-dashboard-widget-expand-elements-pc-r.html

upvoted 2 times

aylbul 2 years, 6 months ago

Selected Answer: C

after clicking on chart, while providing measurement, "add to analysis" link appears, the keyword might be "analyze"

upvoted 2 times

Hotwired34 2 years, 11 months ago

Seems to be the right answer: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Supplement-v2021_1:mul-dashboard-widget-expand-elements-pc-r.html

Although "C" is an option within the widget screen, clicking on the chart would give more of an exact measurement of the latency, but not give more information to analyze. I believe B is the correct answer.

upvoted 2 times

Question #19 *Topic 1*

Which baseline is used to identify a Zombie VM?

A. VM has no logins for the past 21 days

B. Fewer than 30 I/Os and less than 1000 bytes per day of network traffic for the past 21 days

C. Memory usage is less than 15% and memory swap rate is equal to 0 Kbps for the past 21 days

D. VM is powered off for the past 21 days

Suggested Answer: *B*

headcase Most Recent 2 years, 5 months ago

Selected Answer: B

https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_4:mul-behavioral-learning-pc-c.html

upvoted 3 times

ESTEEANGEL 2 years, 6 months ago

B is the correct answer : https://next.nutanix.com/how-it-works-22/behavioral-learning-tools-prism-central-resource-management-38927

upvoted 3 times

spirel 2 years, 11 months ago

Correct B https://next.nutanix.com/how-it-works-22/behavioral-learning-tools-prism-central-resource-management-38927

upvoted 2 times

JustinS1234 2 years, 10 months ago

Great link! Answer is confirmed B.

upvoted 1 times

Question #20 *Topic 1*

Which scenario would benefit most from Erasure Coding being enabled on a container?

A. WEB and API Servers

B. High performance databases where all data is relatively hot

C. VDI use cases where a single VM is cloned 100's of times

D. Long term storage of data which is written once and read infrequently

Suggested Answer: *D*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: D

D without doubt

upvoted 1 times

4555af8 1 year, 10 months ago

Question isn't great, though, there is a list at the bottom of the referenced page of recommended workloads:
https://portal.nutanix.com/page/documents/solutions/details?targetId=TN-2032-Data-Efficiency:erasure-coding.html

upvoted 1 times

Ghanem_adel 2 years, 9 months ago

answer is correct

upvoted 1 times

Hotwired34 2 years, 11 months ago

Answer is correct: https://next.nutanix.com/ahv-virtualization-27/use-cases-of-compression-deduplication-and-erasure-coding-41381?postid=62763#post62763

upvoted 2 times

Question #21 *Topic 1*

Which two types of granular RBAC does Nutanix provide for AHV hosts? (Choose two.)

A. Closter based

B. Category based

C. Disk based

D. Project based

Suggested Answer: *A, B*

NovaROMC Highly Voted 2 years, 5 months ago

Selected Answer: AB

Based on Nutanix University video I would say that answer A and D are correct. https://youtu.be/IV2SxVak6YI?si=cthDhFLr1KBK8Z2s&t=296

upvoted 5 times

Blitz1 Most Recent 2 years, 2 months ago

Selected Answer: AD

A is correct. The debate was between category and project. But is seems Nutanix is not supporting RBAC for category...so the answer is D (project) https://www.nutanix.dev/code_samples/category-permissions-for-project-users/

upvoted 2 times

tch 2 years, 3 months ago

A. Cluster Based... typo B. Category based

upvoted 3 times

AL03 2 years, 7 months ago

Selected Answer: AB

Granular way is to set cluster based and category based. Project based is for assigning particular user. AB is correct

upvoted 3 times

EXD 2 years, 7 months ago

the right answers are A and D, both are part of the built in roles https://portal.nutanix.com/page/documents/details?targetId=Nutanix-Security-Guide-v6_7:ssp-ssp-built-in-roles-pc-r.html

upvoted 2 times

Blitz1 2 years, 2 months ago

very legit answer.

upvoted 1 times

Zippy12 2 years, 8 months ago

Selected Answer: AB

I think A is pretty certain: https://portal.nutanix.com/page/documents/details?targetId=Nutanix-Security-Guide-v6_7:sec-cluster-rbac-pc-c.html

The question is vague, but I think B is the other option, as custom roles can be assigned to an entity in "a category, in a cluster, or an individual entity" per https://portal.nutanix.com/page/documents/details?targetId=Nutanix-Security-Guide-v6_7:ssp-ssp-role-assignment-pc-t.html

I could also make a case for D if the cluster was setup for self service and depending on how you define "for AHV hosts" but it's more limited and more about the VMs on the hosts than the hosts themselves.

upvoted 4 times

JustinS1234 2 years, 9 months ago

Selected Answer: AB

Chatgpt says A (cluster based) and B (category based) are correct. So I choose A, B

upvoted 2 times

JustinS1234 2 years, 10 months ago

Can not find a solidified answer to this question. Documentation just circles it... any input?

upvoted 1 times

Question #22 *Topic 1*

What does Nutanix recommend when setting up the node networking?

A. Include at least two physical interfaces in every bond.

B. Combine NIC models from different vendors in the same bond.

C. Include NIC models from different vendors in the same bond.

D. Combine 1 GbE interfaces and 10 GbE interfaces in the same bond.

Suggested Answer: *A*

JustinS1234 Most Recent 2 years, 10 months ago

Selected Answer: A

Only logical answer is A

upvoted 1 times

Hotwired34 2 years, 11 months ago

I believe the answer is correct. It's not word for word, but this outlines Networking Best Practices

https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:bp-ahv-networking-best-practices.html

upvoted 1 times

Question #23 *Topic 1*

What is the recommended approach for a constrained VM?

A. Reboot the VM.

B. Increase the VM resources.

C. Delete the VM.

D. Decrease the VM resources.

Suggested Answer: *B*

JustinS1234 Most Recent 2 years, 10 months ago

Selected Answer: B

Answer verified B

upvoted 1 times

Hotwired34 2 years, 11 months ago

Answer is correct - B https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_3:mul-behavioral-learning-pc-c.html

upvoted 2 times

Question #24 *Topic 1*

Which Inefficient VM Profile can be used to identify a VM that consumes too many resources and causes other VMs to starve?

A. Inactive VM

B. Constrained VM

C. Over-provisioned VM

D. Bully VM

Suggested Answer: *D*

MedELKARMI Most Recent 2 years, 2 months ago

Selected Answer: D

it's correct

upvoted 1 times

JustinS1234 2 years, 10 months ago

Selected Answer: D

Answer verified as D

upvoted 2 times

Hotwired34 2 years, 11 months ago

Answer is correct: D https://portal.nutanix.com/page/documents/details?targetId=Intelligent-Operations-Guide-vpc_2023_3:mul-behavioral-learning-pc-c.html

upvoted 2 times

Question #25 *Topic 1*

An administrator has been notified by a user that a Microsoft SQL Server instance is not performing well.
When reviewing the utilization metrics, the following concerns are noted:
Memory consumption has been above 95% for several months
Memory consumption has been spiking to 100% for the last five days
CPU Usage is 45%
Storage latency is 2ms -
When logging into Prism Central, how could the administrator quickly verify if this VM has performance bottlenecks?

A. See Capacity Runway.

B. Update Capacity Configurations.

C. Filter VM by Efficiency.

D. Perform Entity Sync.

Suggested Answer: *C*

Hotwired34 Highly Voted 2 years, 11 months ago
Answer is correct: https://www.virtualramblings.com/use-prism-central-to-identify-and-fix-bottlenecks-and-anomalies/
upvoted 5 times

luis_vel Most Recent 2 years ago
Letter C
upvoted 1 times

vtoxzy 2 years, 8 months ago
Capacity Runaway
upvoted 1 times

JustinS1234 2 years, 10 months ago
Selected Answer: C
Answer confirmed as C
upvoted 3 times

Question #26 *Topic 1*

Which capability refers to the storage of VM data on the node where the VM is running and ensures that the read I/O does not have to traverse the network?

A. Data Tiering

B. Intelligent Locality

C. Data Locality

D. Intelligent Tiering

Suggested Answer: *C*

Hotwired34 Most Recent 2 years, 11 months ago

Answer is correct: https://www.nutanixbible.com/4c-book-of-aos-storage.html#data-locality and https://portal.nutanix.com/page/documents/solutions/details?targetId=TN-2001-Nutanix-NX1120S-for-ROBO-Edge:data-locality.html

upvoted 4 times

Question #27 *Topic 1*

Which Nutanix service controls noli, the HTML5 UI, and REST API?

A. Cassandra

B. Prism

C. Chronos

D. Zookeeper

Suggested Answer: *B*

Hotwired34 Most Recent 2 years, 11 months ago

Answer is correct: https://next.nutanix.com/how-it-works-22/controller-vm-components-38055

upvoted 3 times

Question #28 *Topic 1*

The administrator is creating a Windows 10 VM that will be used for a virtual desktop template. After creating the VM and booting to the ISO, the administrator is unable to install Windows and receives the following error:
We couldn't find any drives. To get a storage driver, click Load driver.
What steps does the administrator need to take to install the OS?

A. Load the VirtIO SCSI pass-through controller.

B. Load the VirtIO Network Ethernet Adapter.

C. Load the Nutanix VirtIO Balloon Driver.

D. Load the Nutanix VirtIO Serial Bus Driver.

Suggested Answer: *A*

MedELKARMI Most Recent 2 years, 2 months ago

Selected Answer: A

the correct answer is A

upvoted 3 times

t5hepo 2 years, 10 months ago

correct answer.
https://pve.proxmox.com/wiki/Windows_10_guest_best_practices#:~:text=Now%20click%20%22Load%20driver%22%20to%20install%20the%20VirtIO, install%20it.%20Now%20you%20should%20see%20your%20drive.

upvoted 1 times

tch 2 years, 3 months ago

this is Proxmox link

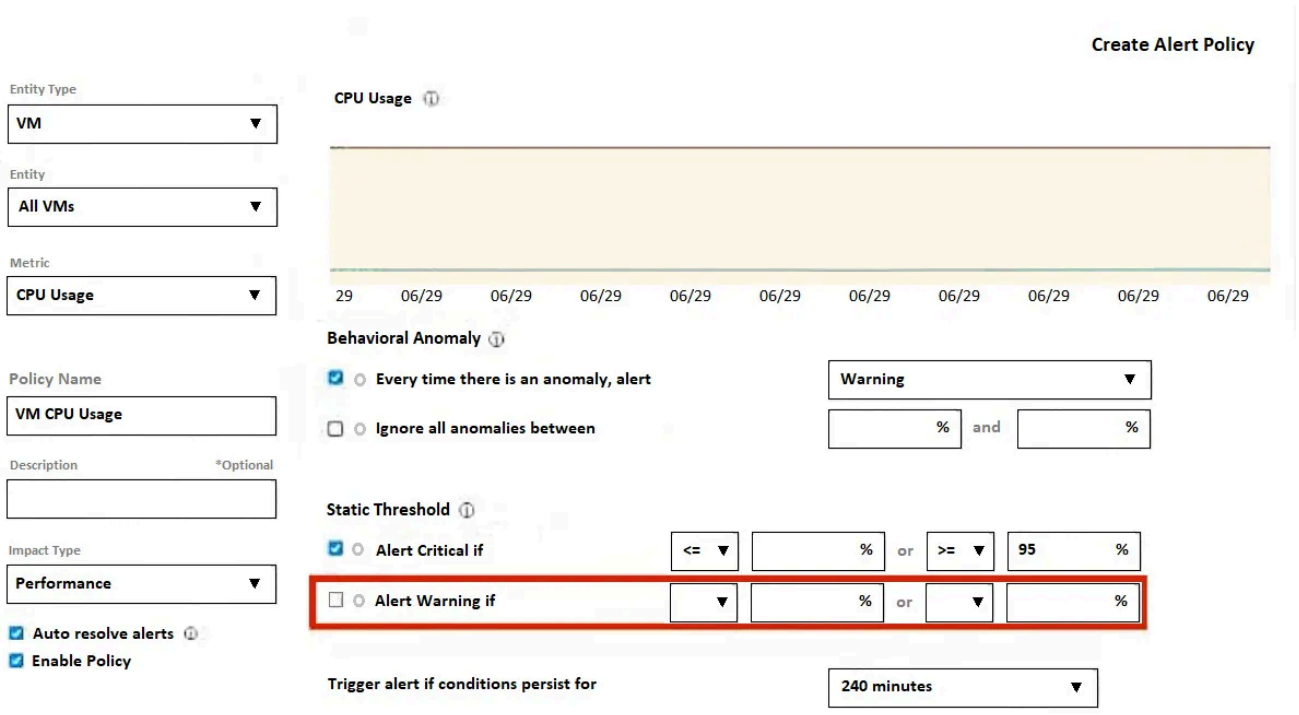
upvoted 1 times

Question #29 *Topic 1*

Refer to the exhibit.

An administrator is trying to create a custom alert policy for all! VMs.

Why is the Alert warning if field greyed out?



A. The Auto resolve alerts option is checked.

B. The Behavioral Anomaly threshold is set.

C. The Enable Policy option is checked.

D. The Alert critical if threshold is set.

Suggested Answer: *B*

JustinS1234 Most Recent 2 years, 10 months ago

Selected Answer: B

Answer verified as B.

upvoted 1 times

Hotwired34 2 years, 11 months ago

Answer if correct: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Alert-Reference-vpc_2023_3:mul-alert-policies-configure-pc-t.html "Alert warning if: Select this checkbox to generate a warning alert. Select the operator and value for the warning alert. This option is only available if the behavioral anomaly threshold is not set."

upvoted 3 times

Question #30 *Topic 1*

Refer to the exhibit.
An administrator wants to replace an old node with a node of a newer generation in a 3-node cluster. The administrator has already chosen the appropriate node, but is unable to remove it from the cluster.
Why is the Remove Host option not shown in the exhibit?



A. The host needs to be placed into Maintenance Mode before.

B. It is not possible to remove a node from a 3-node cluster.

C. It is only possible to remove a host from a cluster using CLI.

D. The host needs to be removed from the cluster using Prism Central.

Suggested Answer: *B*

luis_vel Most Recent 2 years ago
the answer is the A https://portal.nutanix.com/page/documents/details?targetId=NX3060NG8-Node-Replacement-AHV:NX3060NG8-Node-Replacement-AHV For all multi-node blocks, you must replace the node in the same position. For example, if you remove the node from position A in a block, you must place the new node in position A of the same block. You must shut down the CVM to shut down a node. Before you shut down the CVM, you must put the node in maintenance mode."
upvoted 1 times

Onks 2 years, 2 months ago
First add (expand cluster) the new node, then remove the old node.
upvoted 1 times

Ghanem_adel 2 years, 9 months ago
B is correct
upvoted 1 times

AkashMeghani92 2 years, 10 months ago
Selected Answer: B
B is the correct answer
upvoted 1 times

JustinS1234 2 years, 10 months ago
Selected Answer: B
Good links, Answer is verified as B
upvoted 2 times

drdave 2 years, 10 months ago
The correct answer is B "You cannot remove nodes from a 3-node cluster because a minimum of three Zeus nodes are required."
upvoted 1 times

Hotwired34 2 years, 11 months ago
Selected Answer: B
I believe this answer is "B" - you can not remove a node in a 3 node cluster. https://next.nutanix.com/how-it-works-22/physical-node-removal-nutanix-cluster-33906 "You cannot remove nodes from a 3-node cluster because a minimum of three Zeus nodes are required."
upvoted 4 times

Question #31 *Topic 1*

An administrator has been asked to enable block awareness and increase the fault tolerance to FT2 on a Nutanix AHV cluster with the following configuration:
Four blocks -
One node per block -
Will the administrator be able to accomplish these tasks?

A. No - FT2 requires a minimum of five nodes.

B. Yes - Block awareness requires a minimum of three blocks.

C. Yes - FT2 requires a minimum of three nodes.

D. No - Fault tolerance changes are not supported.

Suggested Answer: *A*

rameznagui87 2 years, 6 months ago

Selected Answer: A

FT2 minimum blocks are 5, Answer is A

upvoted 2 times

soze 2 years, 7 months ago

Selected Answer: A

It is A for sure https://www.nutanixbible.com/4c-book-of-aos-storage.html#awareness-conditions-and-tolerance

upvoted 2 times

t5hepo 2 years, 10 months ago

Selected Answer: A

Correct answer is : A https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2000-Oracle-on-Nutanix:BP-2000-Oracle-on-Nutanix

upvoted 1 times

drdave 2 years, 10 months ago

Selected Answer: A

Block Awareness requires a minimum of 3 blocks for FT1 and 5 for FT2, where a block contains either 1,2 or 4 nodes.

upvoted 3 times

Hotwired34 2 years, 11 months ago

Selected Answer: A

Going back and changing my answer. I was looking at RF2 and not FT2. RF2 needs minimum of 3 blocks, but FT2 needs RF3, which requires 5 nodes in the cluster. The answer given is correct.

upvoted 3 times

Chevell Most Recent 2 years, 3 months ago

RF and RT are not the same: https://next.nutanix.com/how-it-works-22/redundancy-factor-vs-replication-factor-37486

upvoted 1 times

Hotwired34 2 years, 11 months ago

I believe B is the correct answer: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_5:arc-block-awareness-c.html "For replication factor 2, there are a minimum of three blocks in the cluster."

upvoted 3 times

Question #32 *Topic 1*

An administrator has been asked to deploy VMs using a specific image. The image has been configured with settings and applications that will be used by engineering to develop a new product by the company.
The image is not available on the desired cluster, but it is available in other clusters associated with Prism Central.
Why isn't the image available?

A. The image placement policy was configured with soft enforcement.

B. The image bandwidth policy has prevented the image upload.

C. The cluster has not been added to the correct category.

D. The cluster should be removed from all categories.

Suggested Answer: *C*

kasiba Most Recent 2 years, 7 months ago

The correct answer is C, if soft enforcement policy were enabled, definitely the image would have been available to all the existing clusters.
upvoted 1 times

Hotwired34 2 years, 11 months ago

I believe that is the right answer. https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-vpc_2023_3:mul-image-placement-policy-pc-c.html
upvoted 2 times

Question #33 *Topic 1*

An administrator needs to configure Prism to send encrypted messages to a set of recipients.
Which setting must be applied?

A. Set SMTP Security Mode to STARTTLS

B. Use SMTP Port 25

C. Configure Prism Central to use Cluster lockdown

D. Install SSL certificates on Prism Central

Suggested Answer: *A*

Hotwired34 Most Recent 2 years, 11 months ago

Selected Answer: A

Answer is correct: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v6_7:wc-system-smtp-server-wc-t.html
upvoted 4 times

Question #34 *Topic 1*

An administrator is performing validation testing of a newly deployed cluster. During this test, the administrator disconnects each LAN interface from each of the nodes while pinging the hypervisor and guest VMs.
When the first interface is disconnected, pings continue as expected to the hypervisor, but pings stop responding from the guest. Pings continue when the interface is reconnected. When the second interface is disconnected, pings continue to both the hypervisor and guest VMs.
What could be the cause of this error?

A. One of the network interfaces has a bad patch cable

B. Portfast is not enabled on the switch ports

C. Switch ports are configured with different VLANs

D. This is normal behavior for LAN Failover

Suggested Answer: *C*

JustinS1234 Highly Voted 2 years, 9 months ago

Selected Answer: C

The behavior described in the scenario is not normal for LAN failover. In a properly configured LAN failover setup, the guest VMs should continue to respond to pings even when one interface is disconnected, as the traffic should be rerouted through the remaining active interfaces.

Given the options, the most likely cause of this issue is C. Switch ports are configured with different VLANs. If the two network interfaces are connected to switch ports configured with different VLANs, then disconnecting one interface could cause the guest VMs in one VLAN to become unreachable. This would explain why pings to the hypervisor continue (as it may have access to all VLANs), but pings to the guest VMs stop when one interface is disconnected.

upvoted 5 times

luis_vel Most Recent 2 years ago

Answer is the C

upvoted 1 times

alexandreoz 2 years, 4 months ago

Selected Answer: C

C is the right one

upvoted 3 times

Patig 2 years, 5 months ago

Selected Answer: C

C is the right answer

upvoted 2 times

vtoxzy 2 years, 8 months ago

. Switch ports are configured with different VLANs

upvoted 3 times

Question #35 *Topic 1*

An administrator needs to increase bandwidth available to the AHV host and to the CVM.
How should the administrator complete this task?

A. Use manage_ovs commands to update br0 to change the configuration to Active-Active.

B. In Prism, create vs1 interface and add any remaining uplinks.

C. Use manage_ovs commands to create br1 and add any remaining uplinks.

D. In Prism, update vs0 to change the configuration to Active-Active.

Suggested Answer: *A*

vuhidus Most Recent 1 year, 10 months ago

Selected Answer: D

should be D

upvoted 1 times

jay9114 1 year, 10 months ago

Selected Answer: D

If you can change this setting in Prism, you should do so.

upvoted 1 times

DEEGEE1977 1 year, 10 months ago

Selected Answer: D

Use PE or PC to perform this task.

upvoted 1 times

Joe_miller 1 year, 11 months ago

Technically speaking, A and D will do it.

A answer for example manage_ovs --bridge_name br0 --bond_name br0-up --interfaces eth0,eth1 --bond_mode active-backup update_uplinks

D answer :Note: When a GUI configuration exists to achieve the desired configuration, use it. Don't use the CLI unless you can't accomplish your goal in the GUI.

According to https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:bp-ahv-networking-best-practices.html

AHV Networking Best Practices link above.

upvoted 2 times

Blitz1 2 years, 2 months ago

Selected Answer: A

For sure A 1) because as AOS 5.19 or newer is is possible to do it from PE and PC 2) in the below link there is a BIG WARNING saying that UPDATING (key word like in question) the br0 will actually delete and create a new one with default configuration - which means destroying any other configuration that you have...

https://portal.nutanix.com/page/documents/kbs/details?targetId=kA0320000004H0vCAE

upvoted 3 times

Blitz1 2 years, 2 months ago

I wanted to vote D .. D is the correct answer as per above.

upvoted 1 times

alexandreoz 2 years, 4 months ago

Selected Answer: A

I believe A is the right one

upvoted 2 times