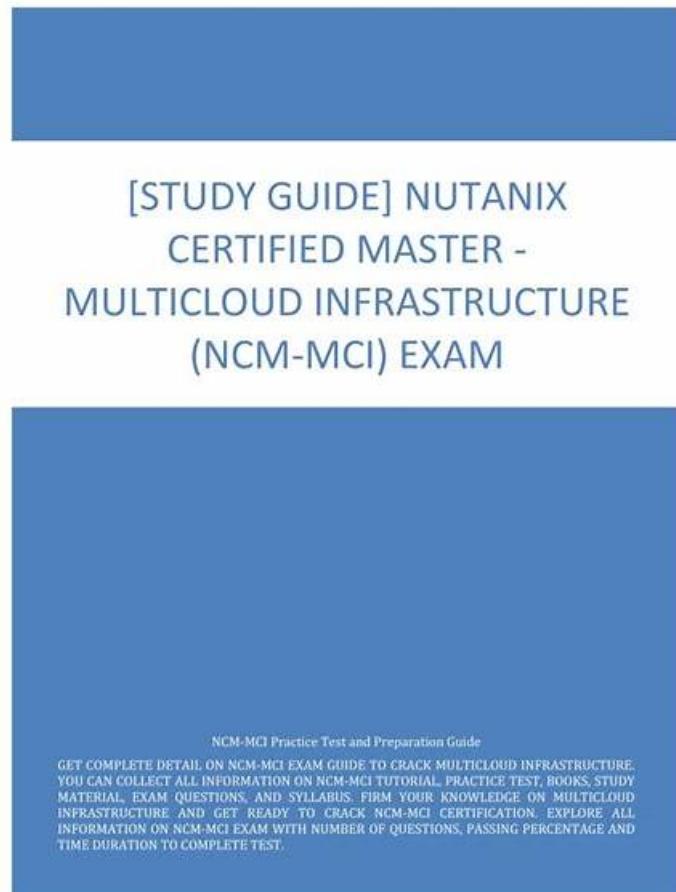


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Nutanix Certified Master - Multicloud Infrastructure v6.10 Sample Questions (Q15-Q20):

NEW QUESTION # 15

Task4

An administrator will be deploying Flow Networking and needs to validate that the environment, specifically switch vs1, is appropriately configured. Only VPC traffic should be carried by the switch.

Four versions each of two possible commands have been placed in Desktop\Files\Network\flow.txt. Remove the hash mark (#) from the front of correct First command and correct Second command and save the file.

Only one hash mark should be removed from each section. Do not delete or copy lines, do not add additional lines. Any changes other than removing two hash marks (#) will result in no credit.

Also, SSH directly to any AHV node (not a CVM) in the cluster and from the command line display an overview of the Open vSwitch configuration. Copy and paste this to a new text file named Desktop\Files\Network\AHVswitch.txt.

Note: You will not be able to use the 192.168.5.0 network in this environment.

First command

```
#net.update_vpc_traffic_config virtual_switch=vs0
net.update_vpc_traffic_config virtual_switch=vs1
#net.update_vpc_east_west_traffic_config virtual_switch=vs0
#net.update_vpc_east_west_traffic_config virtual_switch=vs1
```

Second command

```
#net.update_vpc_east_west_traffic_config permit_all_traffic=true
net.update_vpc_east_west_traffic_config permit_vpc_traffic=true
#net.update_vpc_east_west_traffic_config permit_all_traffic=false
#net.update_vpc_east_west_traffic_config permit_vpc_traffic=false
```

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

First, you need to open the Prism Central CLI from the Windows Server 2019 workstation. You can do this by clicking on the Start menu and typing "Prism Central CLI". Then, you need to log in with the credentials provided to you.

Second, you need to run the two commands that I have already given you in Desktop\Files\Network\flow.txt. These commands are: net.update_vpc_traffic_config virtual_switch=vs1 net.update_vpc_east_west_traffic_config permit_vpc_traffic=true These commands will update the virtual switch that carries the VPC traffic to vs1, and update the VPC east-west traffic configuration to allow only VPC traffic. You can verify that these commands have been executed successfully by running the command:

```
net.get_vpc_traffic_config
```

This command will show you the current settings of the virtual switch and the VPC east-west traffic configuration.

Third, you need to SSH directly to any AHV node (not a CVM) in the cluster and run the command:

```
ovs-vsctl show
```

This command will display an overview of the Open vSwitch configuration on the AHV node. You can copy and paste the output of this command to a new text file named Desktop\Files\Network\AHVswitch.txt.

You can use any SSH client such as PuTTY or Windows PowerShell to connect to the AHV node. You will need the IP address and the credentials of the AHV node, which you can find in Prism Element or Prism Central.

```
remove # from greens
```

On AHV execute:

```
sudo ovs-vsctl show
```

CVM access AHV access command

```
nutanix@NTNX-A-CVM:192.168.10.5~$ ssh root@192.168.10.2 "ovs-vsctl show" Open AHVswitch.txt and copy paste output
```

NEW QUESTION # 16

Task 11

An administrator has noticed that after a host failure, the SQL03 VM was not powered back on from another host within the cluster. The Other SQL VMs (SQL01, SQL02) have recovered properly in the past.

Resolve the issue and configure the environment to ensure any single host failure affects a minimal number os SQL VMs.

Note: Do not power on any VMs

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

One possible reason why the SQL03 VM was not powered back on after a host failure is that the cluster was configured with the default (best effort) VM high availability mode, which does not guarantee the availability of VMs in case of insufficient resources on the remaining hosts. To resolve this issue, I suggest changing the VM high availability mode to guarantee (reserved segments), which reserves some memory on each host for failover of VMs from a failed host. This way, the SQL03 VM will have a higher chance of being restarted on another host in case of a host failure.

To change the VM high availability mode to guarantee (reserved segments), you can follow these steps:

Log in to Prism Central and select the cluster where the SQL VMs are running.

Click on the gear icon on the top right corner and select Cluster Settings.

Under Cluster Services, click on Virtual Machine High Availability.

Select Guarantee (Reserved Segments) from the drop-down menu and click Save.

To configure the environment to ensure any single host failure affects a minimal number of SQL VMs, I suggest using anti-affinity rules, which prevent VMs that belong to the same group from running on the same host. This way, if one host fails, only one SQL VM will be affected and the other SQL VMs will continue running on different hosts.

To create an anti-affinity rule for the SQL VMs, you can follow these steps:

Log in to Prism Central and click on Entities on the left menu.

Select Virtual Machines from the drop-down menu and click on Create Group.

Enter a name for the group, such as SQL Group, and click Next.

Select the SQL VMs (SQL01, SQL02, SQL03) from the list and click Next.

Select Anti-Affinity from the drop-down menu and click Next.

Review the group details and click Finish.

I hope this helps. How else can I help?

https://portal.nutanix.com/page/documents/details?targetId=AHV-Admin-Guide-v6_5:ahv-affinity-policies-c.html

Name	VMs	Hosts	VM Compliance Status	Modified By	Last Modified
bugtestaffinity	2	1	2 Non Compliant	admin	Nov 25, 2022, 07:49 PM

NEW QUESTION # 17

Task 12

An administrator needs to create a report named VMs_Power_State that lists the VMs in the cluster and their basic details including the power state for the last month.

No other entities should be included in the report.

The report should run monthly and should send an email to admin@syberdyne.net when it runs.

Generate an instance of the report named VMs_Power_State as a CSV and save the zip file as

Desktop\Files\VMs_Power_state.zip Note: Make sure the report and zip file are named correctly. The SMTP server will not be configured.

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

To create a report named VMs_Power_State that lists the VMs in the cluster and their basic details including the power state for the last month, you can follow these steps:

Log in to Prism Central and click on Entities on the left menu.

Select Virtual Machines from the drop-down menu and click on Create Report.

Enter VMs_Power_State as the report name and a description if required. Click Next.

Under the Custom Views section, select Data Table. Click Next.

Under the Entity Type option, select VM. Click Next.

Under the Custom Columns option, add the following variables: Name, Cluster Name, vCPUs, Memory, Power State. Click Next.

Under the Time Period option, select Last Month. Click Next.

Under the Report Settings option, select Monthly from the Schedule drop-down menu. Enter admin@syberdyne.net as the Email Recipient. Select CSV as the Report Output Format. Click Next.

Review the report details and click Finish.

To generate an instance of the report named VMs_Power_State as a CSV and save the zip file as

Desktop\Files\VMs_Power_state.zip, you can follow these steps:

Log in to Prism Central and click on Operations on the left menu.

Select Reports from the drop-down menu and find the VMs_Power_State report from the list. Click on Run Now.

Wait for the report to be generated and click on Download Report. Save the file as Desktop\Files\VMs_Power_state.zip.

1. Open the Report section on Prism Central (Operations > Reports)

2. Click on the New Report button to start the creation of your custom report

3. Under the Custom Views section, select Data Table

4. Provide a title to your custom report, as well as a description if required.

5. Under the Entity Type option, select VM

6. This report can include all as well as a selection of the VMs

7. Click on the Custom Columns option and add the below variables:

a. Name - Name of the listed Virtual Machine

b. vCPUs - A combination of the vCores and vCPU's assigned to the Virtual Machine c. Memory - Amount of memory assigned to the Virtual Machine d. Disk Capacity - The total amount of assigned virtual disk capacity e. Disk Usage - The total used virtual disk capacity f. Snapshot Usage - The total amount of capacity used by snapshots (Excluding Protection Domain snapshots)

8. Under the Aggregation option for Memory and Disk Usage accept the default Average option

Columns

FOCUS

Custom Columns**Custom**

Column Name	Aggregation
Name	-
vCPUs	-
Memory	Average ▾
Disk Capacity	-
Disk Usage	Average ▾
Snapshot Usage	-

9. Click on the Add button to add this custom selection to your report
10. Next click on the Save and Run Now button on the bottom right of the screen
11. Provide the relevant details on this screen for your custom report:

Run Report

?

X

Report

REPORT INSTANCE NAME

DESCRIPTION

TIME PERIOD FOR REPORT

Last 24 Hours



TIMEZONE



Report Format

PDF

CSV

Email Report

Report will be emailed to the following recipients

-

ADDITIONAL RECIPIENTS

Cancel

Run

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12. You can leave the Time Period For Report variable at the default of Last 24 Hours

13. Specify a report output of preference (PDF or CSV) and if required Additional Recipients for this report to be mailed to. The

report can also simply be downloaded after this creation and initial run if required

14. Below is an example of this report in a CSV format:

NEW QUESTION # 18

Task 14

The application team has requested several mission-critical VMs to be configured for disaster recovery. The remote site (when added) will not be managed by Prism Central. As such, this solution should be built using the Web Console.

Disaster Recovery requirements per VM:

Mkt01

RPO: 2 hours

Retention: 5 snapshots

Fin01

RPO: 15 minutes

Retention: 7 days

Dev01

RPO: 1 day

Retention: 2 snapshots

Configure a DR solution that meets the stated requirements.

Any objects created in this item must start with the name of the VM being protected.

Note: the remote site will be added later

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

To configure a DR solution that meets the stated requirements, you can follow these steps:

Log in to the Web Console of the source cluster where the VMs are running.

Click on Protection Domains on the left menu and click on Create Protection Domain.

Enter a name for the protection domain, such as PD_Mkt01, and a description if required. Click Next.

Select Mkt01 from the list of VMs and click Next.

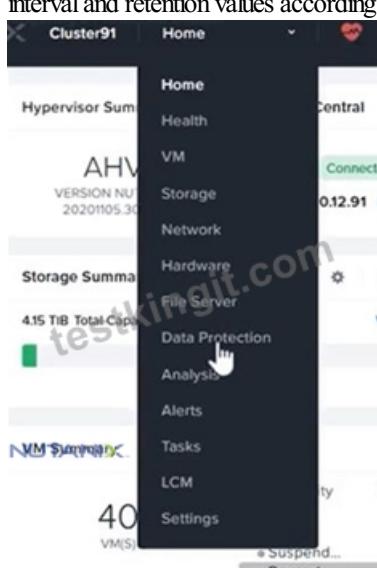
Select Schedule Based from the drop-down menu and enter 2 hours as the interval. Click Next.

Select Remote Site from the drop-down menu and choose the remote site where you want to replicate the VM. Click Next.

Enter 5 as the number of snapshots to retain on both local and remote sites. Click Next.

Review the protection domain details and click Finish.

Repeat the same steps for Fin01 and Dev01, using PD_Fin01 and PD_Dev01 as the protection domain names, and adjusting the interval and retention values according to the requirements.



+ Protection Domain

Async DR



NUTANIX

A protection domain is a grouping of Virtual Machines for disaster recovery purposes. Enter a name (using alpha numeric characters only) for the protection domain you would like to create. You will then be guided into assigning Virtual Machines to it, and scheduling it.

Name

Mkt01-PD

NUTANIX Protection Domain

Name

Entities

Schedule

Unprotected Entities (49) ?

Mkt01

Protected

Search b

Auto protect related entities. ?

Protect Selected Entities (1) >

NUTANIX
Previous

Next

NUTANIX

Auto protect related entities. ?

Protect Selected Entities (1)  >

Protected Entities (1)

Search by Entity Name

Search by CG Name

<input type="checkbox"/>	Entity Name	CG
<input type="checkbox"/>	Mkt01	Mkt01

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< Unprotect Selected Entities

Unprotect 



Name Entities Schedule

Configure your local schedule

Repeat every minute(s) ?

Repeat every hour(s) ?

Repeat every day(s) ?

Repeat weekly

S M T W T F S

Repeat monthly

Day of month: e.g., 1,10,20

Start on 10/16/2022 at 1:31 PM

End on at

Retention policy

Local keep the last 1 snapshots 

Remote sites have not been defined for this cluster.

 Create application consistent snapshots

Cancel

Create Schedule

NEW QUESTION # 19**Task 15**

An administrator found a CentOS VM, Cent_Down, on the cluster with a corrupted network stack. To correct the issue, the VM will need to be restored from a previous snapshot to become reachable on the network again.

VM credentials:

Username: root

Password: nutanix/4u

Restore the VM and ensure it is reachable on the network by pinging 172.31.0.1 from the VM.

Power off the VM before proceeding.

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

To restore the VM and ensure it is reachable on the network, you can follow these steps:

Log in to the Web Console of the cluster where the VM is running.

Click on Virtual Machines on the left menu and find Cent_Down from the list. Click on the power icon to power off the VM.

Click on the snapshot icon next to the power icon to open the Snapshot Management window.

Select a snapshot from the list that was taken before the network stack was corrupted. You can use the date and time information to choose a suitable snapshot.

Click on Restore VM and confirm the action in the dialog box. Wait for the restore process to complete.

Click on the power icon again to power on the VM.

Log in to the VM using SSH or console with the username and password provided.

Run the command ping 172.31.0.1 to verify that the VM is reachable on the network. You should see a reply from the destination

IP address.

Go to VMS from the prism central gui

Select the VM and go to More -> Guest Shutdown

Go to Snapshots tab and revert to latest snapshot available

power on vm and verify if ping is working

NEW QUESTION # 20

• • • • •

NCM-MCI Premium Files: <https://www.testkingit.com/Nutanix/latest-NCM-MCI-exam-dumps.html>