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The need for Nutanix NCM-MCI Exam study material

Nutanix NCM-MCI exam is a technical exam. This test requires candidates to have a clear understanding of the architecture and features that are associated with the Nutanix Prism web console and Prism Central. The topics covered in this exam are Networking, Storage, Security, and Cluster Management.

Candidates who plan on taking the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) Exam (NCM-MCI) exam are required to take a training course so that they can acquire enough knowledge and skills to pass the exam in one go. If you wish to know more about the training course then you should visit the official website of Nutanix. You will find all the information related to training and certification exams on this site.

Nutanix NCM-MCI Dumps has been a great help for all the IT students. Most of the students have passed their Nutanix Certified Master - Multicloud Infrastructure exam with the help of certification questions. It has become possible due to the ease and accessibility of exam dumps material. These practice test are not only just for passing exams but also for improving skills and having expertise in relevant field. You can have online practice test and see your results yourself. You will be able to know where you are good at and at which points you need to focus more. In this way, you will learn accordingly and will get rid of your weak points. It is a short path to success that can take you to places within no time.

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Prerequisites for Nutanix NCM-MCI Exam

Nutanix Certified Master (NCM) is the highest level of accreditation available in the Nutanix Partner Network. The NCMs are technology experts and provide strategic guidance to customers on architecting and implementing enterprise cloud solutions.

The NCM-MCI 5.15 certification proves one's skills in designing, building, managing, and supporting an enterprise cloud infrastructure using the Nutanix Enterprise Cloud OS software. This exam validates that a candidate has the expertise to perform configuration and troubleshooting of Nutanix software components at both the cluster and single node level. **Nutanix NCM-MCI exam dumps** are available for you to take the exam. A candidate for this exam should demonstrate proficiency with Nutanix Prism Central management as well as primary and secondary storage capabilities.

Nutanix NCM-MCI Exam Practice Test Helps You Ace Your Nutanix Certified Expert

Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) exam is a challenging exam that needs you to perform with excellent knowledge. We recommend you to be prepared for the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) exam as it is crucial for your professional career.

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Nutanix Certified Master - Multicloud Infrastructure v6.10 Sample Questions (Q10-Q15):

NEW QUESTION # 10
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
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:
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 # 11
Topic 1, Performance Based Questions
Environment
You have been provisioned a dedicated environment for your assessment which includes the following:
Workstation
* windows Server 2019
* All software/tools/etc to perform the required tasks
* Nutanix Documentation and whitepapers can be found in desktop\files\Documentation
* Note that the workstation is the system you are currently togged into Nutanix Cluster
* There are three clusters provided. The connection information for the relevant cluster will be displayed to the high of the question Please make sure you are working on the correct cluster for each item Please ignore any licensing violations
* Cluster A is a 3-node cluster with Prism Central 2022.6 where most questions will be performed
* Cluster B is a one-node cluster and has one syslog item and one security item to perform
* Cluster D is a one-node duster with Prism Central 5.17 and has a security policy item to perform Important Notes
* If the text is too small and hard to read, or you cannot see an of the GUI. you can increase/decrease the zoom of the browser with CTRL + ,and CTRL + (the plus and minus keys) You will be given 3 hours to complete the scenarios for Nutanix NCMMCI Once you click the start button below, you will be provided with:
- A Windows desktop A browser page with the scenarios and credentials (Desktop\instructions) Notes for this exam delivery:
The browser can be scaled lo Improve visibility and fit all the content on the screen.
- Copy and paste hot-keys will not work Use your mouse for copy and paste.
- The Notes and Feedback tabs for each scenario are to leave notes for yourself or feedback for
- Make sure you are performing tasks on the correct components.
- Changing security or network settings on the wrong component may result in a falling grade.
- Do not change credentials on an component unless you are instructed to.

- All necessary documentation is contained in the Desktop\Files\Documentation directory Task 1 An administrator has been asked to configure a storage for a distributed application which uses large data sets across multiple worker VMs.
The worker VMs must run on every node. Data resilience is provided at the application level and low cost per GB is a Key Requirement.
Configure the storage on the cluster to meet these requirements. Any new object created should include the phrase Distributed_App in the name.

Answer:

Explanation:
See the Explanation for step by step solution
Explanation:
To configure the storage on the cluster for the distributed application, you can follow these steps:
Log in to Prism Element of cluster A using the credentials provided.
Go to Storage > Storage Pools and click on Create Storage Pool.
Enter a name for the new storage pool, such as Distributed_App_Storage_Pool, and select the disks to include in the pool. You can choose any combination of SSDs and HDDs, but for low cost per GB, you may prefer to use more HDDs than SSDs.
Click Save to create the storage pool.
Go to Storage > Containers and click on Create Container.
Enter a name for the new container, such as Distributed_App_Container, and select the storage pool that you just created, Distributed_App_Storage_Pool, as the source.
Under Advanced Settings, enable Erasure Coding and Compression to reduce the storage footprint of the dat a. You can also disable Replication Factor since data resilience is provided at the application level. These settings will help you achieve low cost per GB for the container.
Click Save to create the container.
Go to Storage > Datastores and click on Create Datastore.
Enter a name for the new datastore, such as Distributed_App_Datastore, and select NFS as the datastore type. Select the container that you just created, Distributed_App_Container, as the source.
Click Save to create the datastore.
The datastore will be automatically mounted on all nodes in the cluster. You can verify this by going to Storage > Datastores and clicking on Distributed_App_Datastore. You should see all nodes listed under Hosts.
You can now create or migrate your worker VMs to this datastore and run them on any node in the cluster. The datastore will provide low cost per GB and high performance for your distributed application.

NEW QUESTION # 12
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

NEW QUESTION # 13
Task 10
An administrator is working to create a VM using Nutanix V3 API calls with the following specifications.
* VM specifications:
* vCPUs: 2
* Memory: BGb
* Disk Size: 50Gb
* Cluster: Cluster A
* Network: default- net
The API call is falling, indicating an issue with the payload:
The body is saved in Desktop/ Files/API_Create_VM,text
Correct any issues in the text file that would prevent from creating the VM. Also ensure the VM will be created as speeded and make sure it is saved for re-use using that filename.
Deploy the vm through the API
Note: Do not power on the VM.

Answer:

Explanation:
See the Explanation for step by step solution
Explanation:
https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LLEzCAO
https://jsonformatter.curiousconcept.com/#
acli net.list (uuid network defult_net)
ncli cluster info (uuid cluster)
Put Call: https://Prism Central IP address : 9440/api/nutanix/v3vms
Edit these lines to fix the API call, do not add new lines or copy lines.
You can test using the Prism Element API explorer or PostMan
Body:
{
{
"spec": {
"name": "Test_Deploy",
"resources": {
"power_state":"OFF",
"num_vcpus_per_socket": ,
"num_sockets": 1,
"memory_size_mib": 8192,
"disk_list": [
{
"disk_size_mib": 51200,
"device_properties": {
"device_type":"DISK"
}
},
{
"device_properties": {
"device_type":"CDROM"
}
}

```
],
"nic_list":[
{
"nic_type": "NORMAL_NIC",
"is_connected": true,
"ip_endpoint_list": [
{
"ip_type": "DHCP"
}
],
"subnet_reference": {
"kind": "subnet",
"name": "default_net",
"uuid": "00000000-0000-0000-0000-000000000000"
}
}
],
},
"cluster_reference": {
"kind": "cluster",
"name": "NTNXDemo",
"uuid": "00000000-0000-0000-0000-000000000000"
}
},
"api_version": "3.1.0",
"metadata": {
"kind": "vm"
}
}
```

https://www.nutanix.dev/2019/08/26/post-a-package-building-your-first-nutanix-rest-api-post-request/ Reference

NEW QUESTION # 14
Task 13
The application team is reporting performance degradation for a business-critical application that runs processes all day on Saturdays.
The team is requesting monitoring or processor, memory and storage utilization for the three VMs that make up the database cluster for the application: ORA01, ORA02 and ORA03.
The report should contain tables for the following:
At the cluster level, only for the current cluster:
The maximum percentage of CPU used
At the VM level, including any future VM with the prefix ORA:
The maximum time taken to process I/O Read requests
The Maximum percentage of time a VM waits to use physical CPU, out of the local CPU time allotted to the VM.
The report should run on Sundays at 12:00 AM for the previous 24 hours. The report should be emailed to appdev@cyberdyne.net when competed.
Create a report named Weekends that meets these requirements
Note: You must name the report Weekends to receive any credit. Any other objects needed can be named as you see fit. SMTP is not configured.
A: Click Next.
Click on Add to add this custom view to your report. Click Next.
Under the Report Settings option, select Weekly from the Schedule drop-down menu and choose Sunday as the day of week. Enter 12:00 AM as the time of day. Enter appdev@cyberdyne.net as the Email Recipient. Select CSV as the Report Output Format.
Click Next.
Review the report details and click Finish.

Answer:

Explanation:
See the Explanation for step by step solution

Explanation:
To create a report named Weekends that meets the requirements, 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 Weekends 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 Cluster. Click Next.
Under the Custom Columns option, add the following variable: CPU Usage (%). Click Next.
Under the Aggregation option for CPU Usage (%), select Max. Click Next.
Under the Filter option, select Current Cluster from the drop-down menu. Click Next.
Click on Add to add this custom view to your report. Click Next.
Under the Custom Views section, select Data Table again. Click Next.
Under the Entity Type option, select VM. Click Next.
Under the Custom Columns option, add the following variables: Name, I/O Read Latency (ms), VM Ready Time (%). Click Next.
Under the Aggregation option for I/O Read Latency (ms) and VM Ready Time (%), select Max. Click Next.
Under the Filter option, enter ORA* in the Name field. This will include any future VM with the prefix OR

NEW QUESTION # 15
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