最高NCM-MCI｜更新するNCM-MCI専門知識訓練試験｜試験の準備方法Nutanix Certified Master - Multicloud Infrastructure v6.10無料サンプル

IT業種が新しい業種で、経済発展を促進するチェーンですから、極めて重要な存在だということを良く知っています。It-PassportsのNutanixのNCM-MCI試験トレーニング資料は高度に認証されたIT領域の専門家の経験と創造を含めているものです。その権威性は言うまでもありません。あなたはIt-Passportsの学習教材を購入した後、私たちは一年間で無料更新サービスを提供することができます。

Nutanix NCM-MCI 認定試験の出題範囲:

トピック	出題範囲
トピック 1	• Business Continuity: The topic of business continuity measures knowledge about analyzing BCDR plans for compliance and evaluating BCDR plans for specific workloads.
トピック 2	• Analyze and Optimize VM Performance: Manipulation of VM configuration for resource utilization is discussed in this topic. It also explains interpreting VM, node, and cluster metrics.
トピック 3	• Analyze and Optimize Network Performance: Focal points of this topic are overlay networking, physical networks, virtual networks, network configurations, and flow policies. Moreover, questions about configurations also appear.
トピック 4	• Advanced Configuration and Troubleshooting: This topic covers sub-topics of executing API calls, configuring third-party integrations, analyzing AOS security posture, and translate business needs into technical solutions. Lastly, it discusses troubleshooting Nutanix services as well.
トピック 5	• Analyze and Optimize Storage Performance: It covers storage settings, workload requirements, and storage internals.

>> NCM-MCI専門知識訓練 <<

NCM-MCI試験の準備方法｜認定するNCM-MCI専門知識訓練試験｜素敵なNutanix Certified Master - Multicloud Infrastructure v6.10無料サンプル

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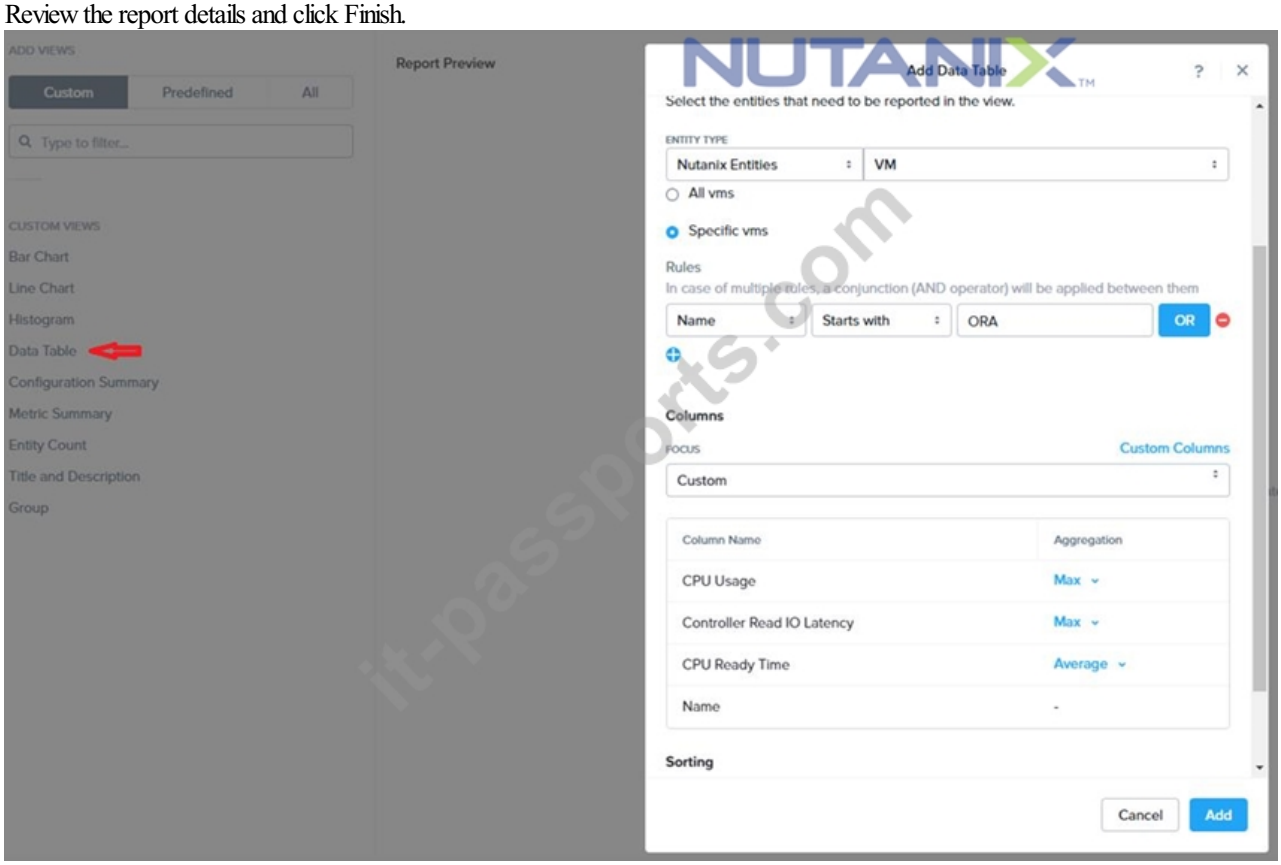
Nutanix Certified Master - Multicloud Infrastructure v6.10 認定 NCM-MCI 試験問題 (Q11-Q16):

質問 # 11
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.



正解：

解説：
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

質問 # 12
Task 16
Running NCC on a cluster prior to an upgrade results in the following output FAIL: CVM System Partition /home usage at 93% (greater than threshold, 90%) Identify the CVM with the issue, remove the fil causing the storage bloat, and check the health again by running the individual disk usage health check only on the problematic CVM do not run NCC health check Note: Make sure only the individual health check is executed from the affected node

正解：

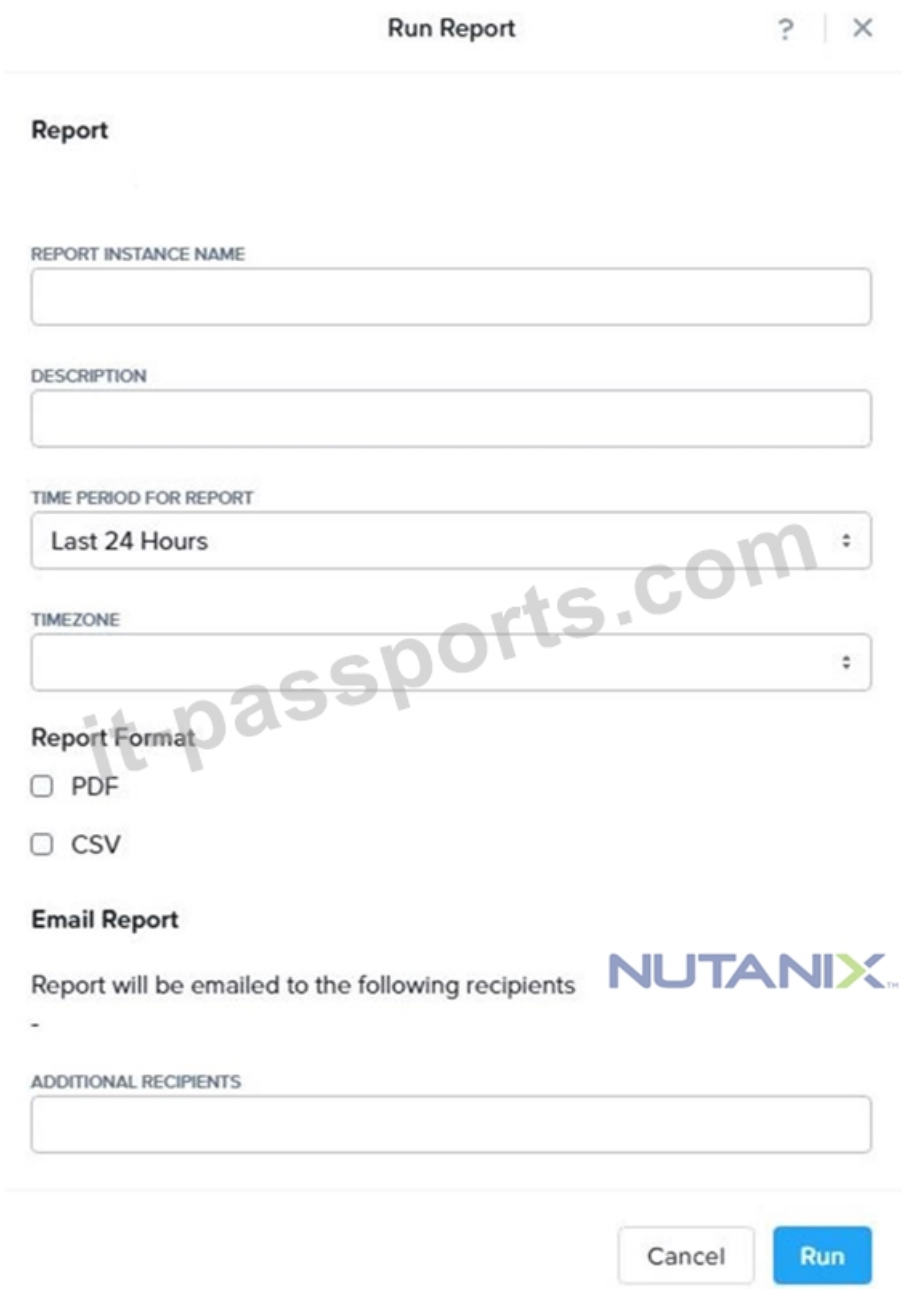
解説：
See the Explanation for step by step solution
Explanation:
To identify the CVM with the issue, remove the file causing the storage bloat, and check the health again, you can follow these steps:
Log in to Prism Central and click on Entities on the left menu.
Select Virtual Machines from the drop-down menu and find the NCC health check output file from the list. You can use the date and time information to locate the file. The file name should be something like ncc-output-YYYY-MM-DD-HH-MM-SS.log.
Open the file and look for the line that says FAIL: CVM System Partition /home usage at 93% (greater than threshold, 90%). Note down the IP address of the CVM that has this issue. It should be something like X.X.X.X.
Log in to the CVM using SSH or console with the username and password provided.
Run the command du -sh /home/* to see the disk usage of each file and directory under /home. Identify the file that is taking up most of the space. It could be a log file, a backup file, or a temporary file. Make sure it is not a system file or a configuration file that is needed by the CVM.
Run the command rm -f /home/<filename> to remove the file causing the storage bloat. Replace <filename> with the actual name of the file.
Run the command ncc health_checks hardware_checks disk_checks disk_usage_check --cvm_list=X.X.X.X to check the health again by running the individual disk usage health check only on the problematic CVM. Replace X.X.X.X with the IP address of the CVM that you noted down earlier.
Verify that the output shows PASS: CVM System Partition /home usage at XX% (less than threshold, 90%). This means that the issue has been resolved.
#access to CVM IP by Putty
allssh df -h #look for the path /dev/sdb3 and select the IP of the CVM
ssh CVM_IP
ls
cd software_downloads
ls
cd nos
ls -l -h
rm files_name
df -h
ncc health_checks hardware_checks disk_checks disk_usage_check

質問 # 13
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.

正解：

解説：
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:

質問 # 14
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.

正解：

解説：
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.

質問 # 15
Task 3
An administrator needs to assess performance gains provided by AHV Turbo at the guest level. To perform the test the administrator created a Windows 10 VM named Turbo with the following configuration.
1 vCPU
8 GB RAM
SATA Controller
40 GB vDisk
The stress test application is multi-threaded capable, but the performance is not as expected with AHV Turbo enabled. Configure the VM to better leverage AHV Turbo.
Note: Do not power on the VM. Configure or prepare the VM for configuration as best you can without powering it on.

正解：

解説：

See the Explanation for step by step solution
Explanation:
To configure the VM to better leverage AHV Turbo, you can follow these steps:
Log in to Prism Element of cluster A using the credentials provided.
Go to VM > Table and select the VM named Turbo.
Click on Update and go to Hardware tab.
Increase the number of vCPUs to match the number of multiqueues that you want to enable. For example, if you want to enable 8 multiqueues, set the vCPUs to 8. This will improve the performance of multi-threaded workloads by allowing them to use multiple processors.
Change the SCSI Controller type from SATA to VirtIO. This will enable the use of VirtIO drivers, which are required for AHV Turbo.
Click Save to apply the changes.
Power off the VM if it is running and mount the Nutanix VirtIO ISO image as a CD-ROM device. You can download the ISO image from Nutanix Portal.
Power on the VM and install the latest Nutanix VirtIO drivers for Windows 10. You can follow the instructions from Nutanix Support Portal.
After installing the drivers, power off the VM and unmount the Nutanix VirtIO ISO image.
Power on the VM and log in to Windows 10.
Open a command prompt as administrator and run the following command to enable multiqueue for the VirtIO NIC:
ethtool -L eth0 combined 8
Replace eth0 with the name of your network interface and 8 with the number of multiqueues that you want to enable. You can use ipconfig /all to find out your network interface name.
Restart the VM for the changes to take effect.
You have now configured the VM to better leverage AHV Turbo. You can run your stress test application again and observe the performance gains.
https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LKPdCAO change vCPU to 2/4 ?
Change SATA Controller to SCSI:
acli vm.get Turbo
Output Example:
Turbo {
config {
agent_vm: False
allow_live_migrate: True
boot {
boot_device_order: "kCdrom"
boot_device_order: "kDisk"
boot_device_order: "kNetwork"
uefi_boot: False
}
cpu_passthrough: False
disable_branding: False
disk_list {
addr {
bus: "ide"
index: 0
}
cdrom: True
device_uuid: "994b7840-dc7b-463e-a9bb-1950d7138671"
empty: True
}
disk_list {
addr {
bus: "sata"
index: 0
}
container_id: 4
container_uuid: "49b3e1a4-4201-4a3a-8abc-447c663a2a3e"
device_uuid: "622550e4-fb91-49dd-8fc7-9e90e89a7b0e"
naa_id: "naa.6506b8dcda1de6e9ce911de7d3a22111"
storage_vdisk_uuid: "7e98a626-4cb3-47df-a1e2-8627cf90eae6"
vmdisk_size: 10737418240

vmdisk_uuid: "17e0413b-9326-4572-942f-68101f2bc716"
}
flash_mode: False
hwclock_timezone: "UTC"
machine_type: "pc"
memory_mb: 2048
name: "Turbo"
nic_list {
connected: True
mac_addr: "50:6b:8d:b2:a5:e4"
network_name: "network"
network_type: "kNativeNetwork"
network_uuid: "86a0d7ca-acfd-48db-b15c-5d654ff39096"
type: "kNormalNic"
uuid: "b9e3e127-966c-43f3-b33c-13608154c8bf"
vlan_mode: "kAccess"
}
num_cores_per_vcpu: 2
num_threads_per_core: 1
num_vcpus: 2
num_vnuma_nodes: 0
vga_console: True
vm_type: "kGuestVM"
}
is_rf1_vm: False
logical_timestamp: 2
state: "Off"
uuid: "9670901f-8c5b-4586-a699-41f0c9ab26c3"
}
acli vm.disk_create Turbo clone_from_vmdisk=17e0413b-9326-4572-942f-68101f2bc716 bus=scsi remove the old disk acli vm.disk_delete 17e0413b-9326-4572-942f-68101f2bc716 disk_addr=sata.0

質問 # 16
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他人の気付いていないときに、だんだんNutanixのNCM-MCI試験成功したいのですか？我が社はIT資格認証試験資料の販売者として、いつまでもできご客様に相応しく信頼できるNCM-MCI問題集を提供できます。あなたのすべての需要を満たすためには、一緒に努力します。躊躇われずに我々の模試験を利用してみてください。全力を尽くせば、NCM-MCI試験の合格も可能となります。

NCM-MCI無料サンプル: https://www.it-passports.com/NCM-MCI.html

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