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What are the steps to follow for the registration of Microsoft Nutanix NCM-MCI Exam

- Email npx@nutanix.com to request a unique invitation link to register for your exam
- Complete your exam at a mutually agreed upon time/date with your NCX/NPX Program Manager.
- Review the Exam Day Checklist.
- Review the Exam Preparation Guide and Candidate Handbook.

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.

For more info visit:

>> NCM-MCI Certification Dump <<

Nutanix NCM-MCI Reliable Dumps Questions - NCM-MCI 100% Exam Coverage

With the rapid development of the world economy and frequent contacts between different countries, the talent competition is increasing day by day, and the employment pressure is also increasing day by day. Our company provides three different versions to choice for our customers. The software version of our NCM-MCI exam question has a special function that this version can simulate test-taking conditions for customers. If you feel very nervous about exam, we think it is very necessary for you to use the software version of our NCM-MCI Guide Torrent. The simulated tests are similar to recent actual exams in question types and degree of difficulty. By simulating actual test-taking conditions, we believe that you will relieve your nervousness before examination.

Nutanix Certified Master - Multicloud Infrastructure v6.10 Sample Questions (Q17-Q22):

NEW QUESTION # 17

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 on 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 completed.

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.

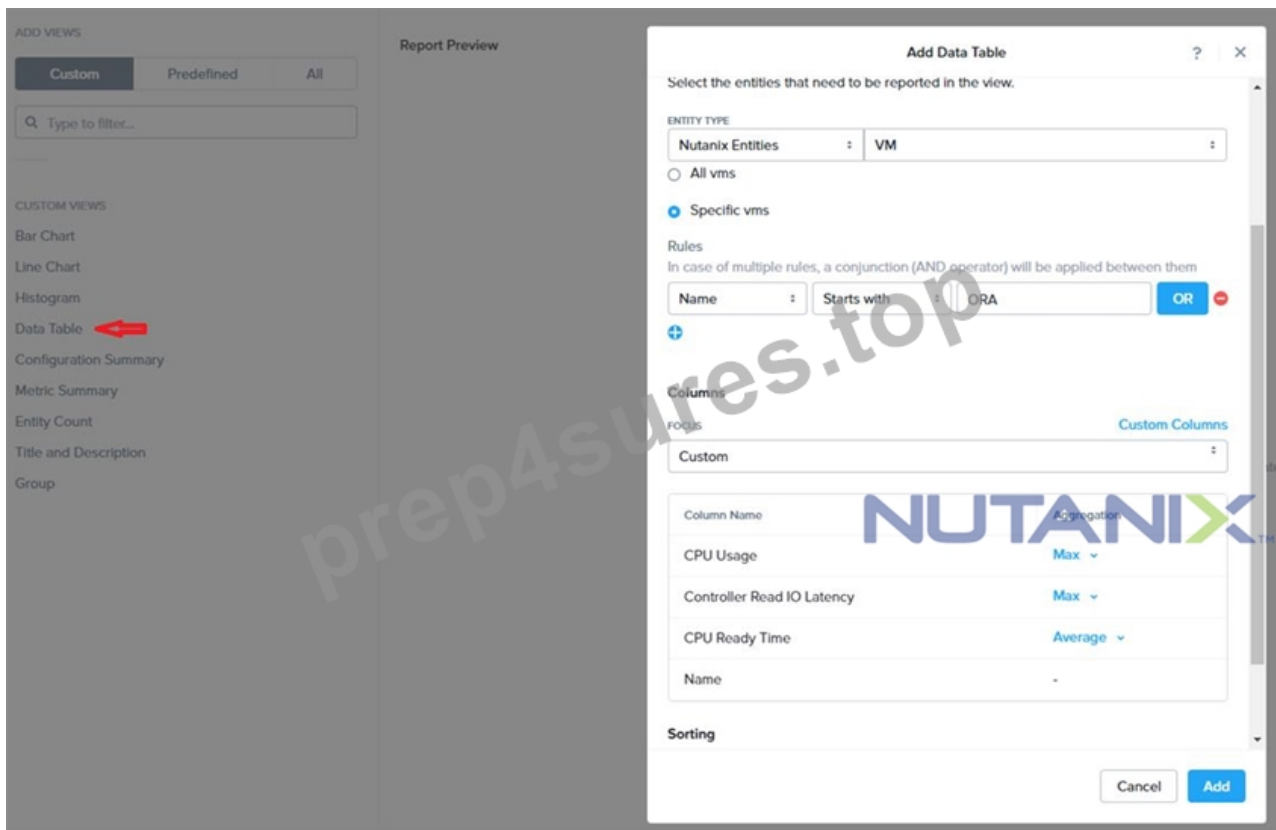
A: Click Next.

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 # 18

Task 8

Depending on the order you perform the exam items, the access information and credentials could change. Please refer to the other item performed on Cluster B if you have problems accessing the cluster.

The infosec team has requested that audit logs for API Requests and replication capabilities be enabled for all clusters for the top 4 severity levels and pushed to their syslog system using highest reliability possible. They have requested no other logs to be included.

Syslog configuration:

Syslog Name: Corp_syslog

Syslog IP: 34.69.43.123

Port: 514

Ensure the cluster is configured to meet these requirements.

Answer:

Explanation:

See the Explanation for step by step solution

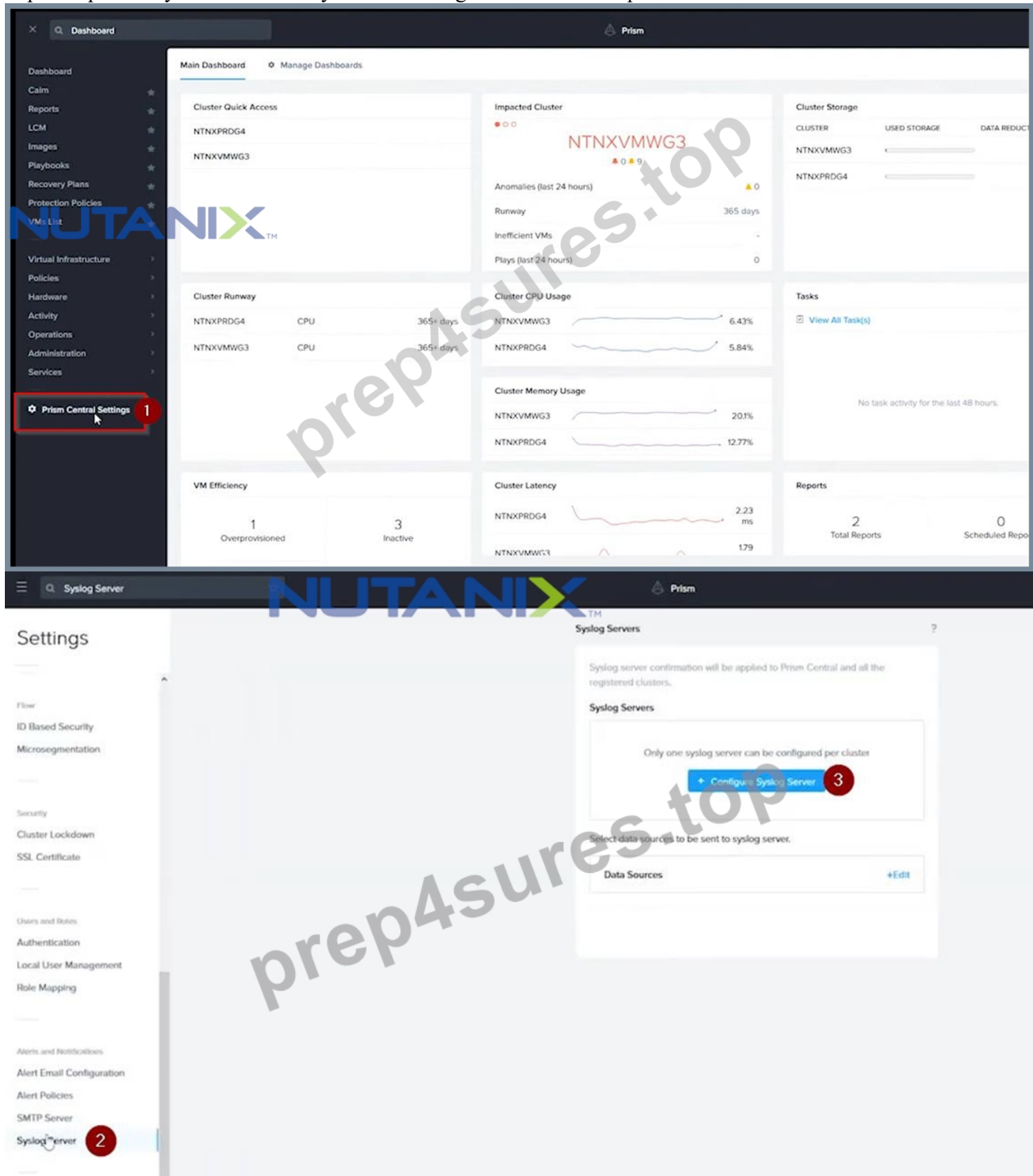
Explanation:

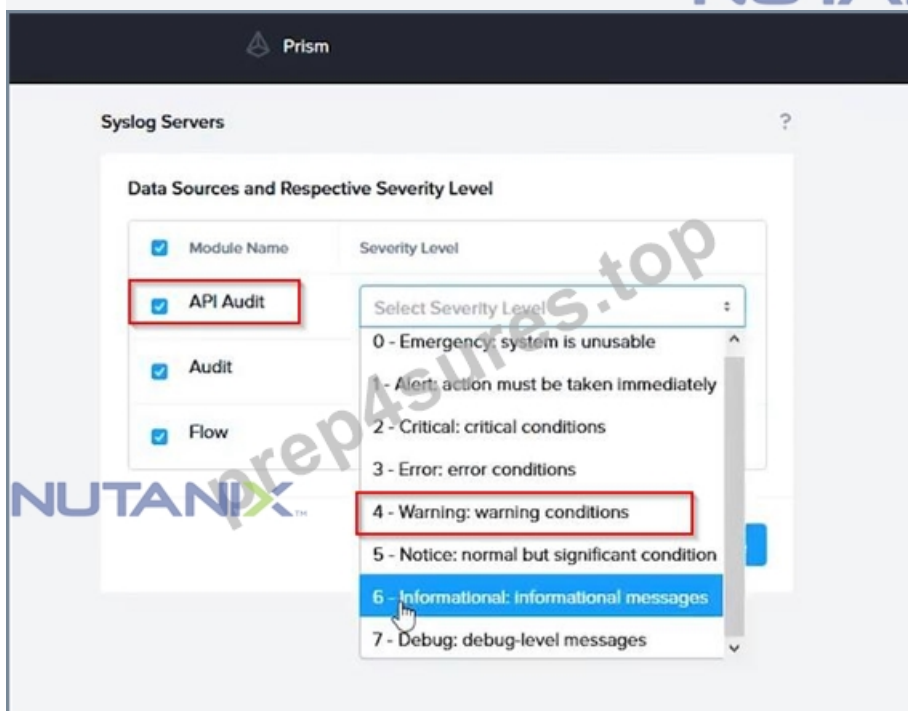
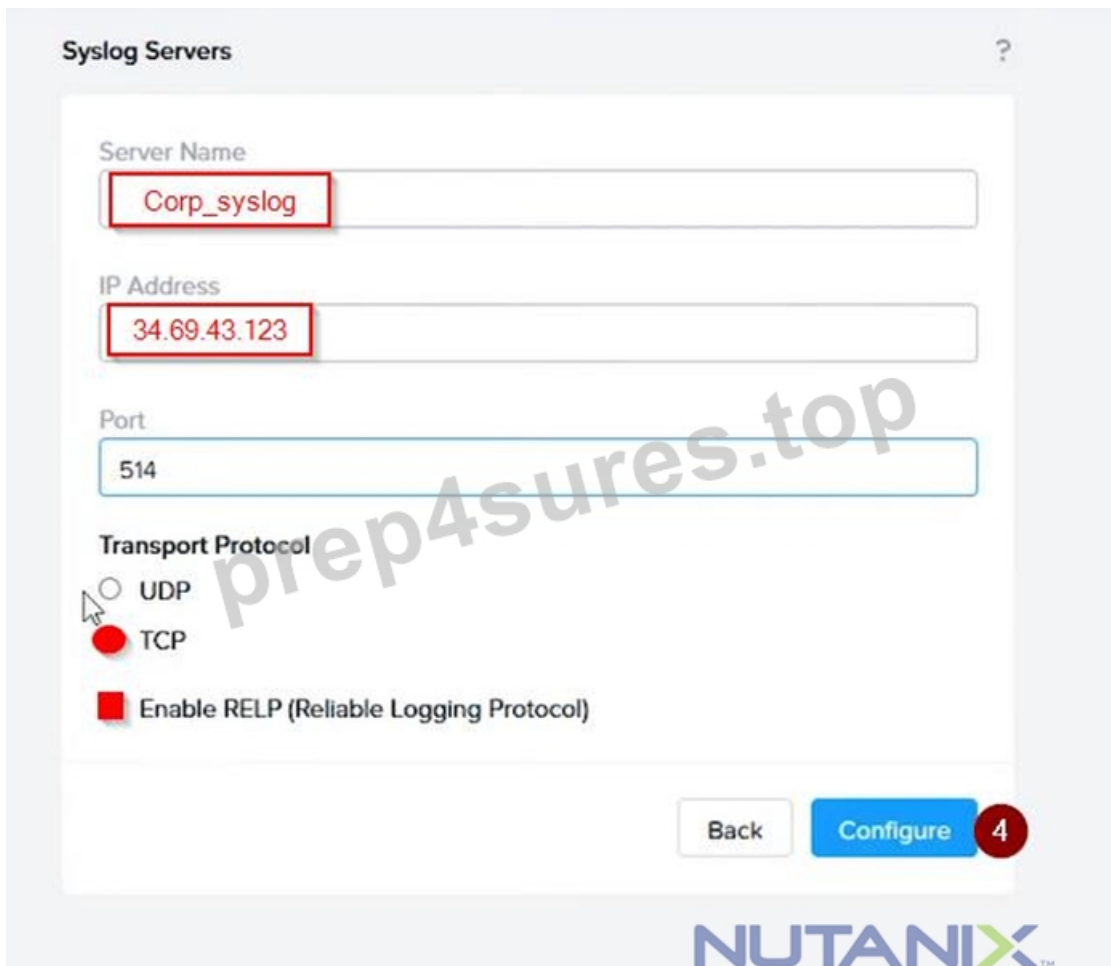
To configure the cluster to meet the requirements of the infosec team, you need to do the following steps:

Log in to Prism Central and go to Network > Syslog Servers > Configure Syslog Server. Enter Corp_syslog as the Server Name, 34.69.43.123 as the IP Address, and 514 as the Port. Select TCP as the Transport Protocol and enable RELP (Reliable Logging Protocol). This will create a syslog server with the highest reliability possible.

Click Edit against Data Sources and select Cluster B as the cluster. Select API Requests and Replication as the data sources and set the log level to CRITICAL for both of them. This will enable audit logs for API requests and replication capabilities for the top 4 severity levels (EMERGENCY, ALERT, CRITICAL, and ERROR) and push them to the syslog server. Click Save.

Repeat step 2 for any other clusters that you want to configure with the same requirements.





To configure the Nutanix clusters to enable audit logs for API Requests and replication capabilities, and push them to the syslog system with the highest reliability possible, you can follow these steps:

Log in to the Nutanix Prism web console using your administrator credentials.

Navigate to the "Settings" section or the configuration settings interface within Prism.

Locate the "Syslog Configuration" or "Logging" option and click on it.

Configure the syslog settings as follows:

Syslog Name: Enter "Corp_syslog" as the name for the syslog configuration.

Syslog IP: Set the IP address to "34.69.43.123", which is the IP address of the syslog system.

Port: Set the port to "514", which is the default port for syslog.

Enable the option for highest reliability or persistent logging, if available. This ensures that logs are sent reliably and not lost in case of network interruptions.

Save the syslog configuration.

Enable Audit Logs for API Requests:

In the Nutanix Prism web console, navigate to the "Cluster" section or the cluster management interface.

Select the desired cluster where you want to enable audit logs.

Locate the "Audit Configuration" or "Security Configuration" option and click on it.

Look for the settings related to audit logs and API requests. Enable the audit logging feature and select the top 4 severity levels to be logged.

Save the audit configuration.

Enable Audit Logs for Replication Capabilities:

In the Nutanix Prism web console, navigate to the "Cluster" section or the cluster management interface.

Select the desired cluster where you want to enable audit logs.

Locate the "Audit Configuration" or "Security Configuration" option and click on it.

Look for the settings related to audit logs and replication capabilities. Enable the audit logging feature and select the top 4 severity levels to be logged.

Save the audit configuration.

After completing these steps, the Nutanix clusters will be configured to enable audit logs for API Requests and replication capabilities. The logs will be sent to the specified syslog system with the highest reliability possible.

ncli

```
<ncli> rsyslog-config set-status enable=false
```

```
<ncli> rsyslog-config add-server name=Corp_Syslog ip-address=34.69.43.123 port=514 network-protocol=udp rel-enabled=false
```

```
<ncli> rsyslog-config add-module server-name= Corp_Syslog module-name=APLOS level=INFO
```

```
<ncli> rsyslog-config add-module server-name= Corp_Syslog module-name=CEREBRO level=INFO
```

```
<ncli> rsyslog-config set-status enable=true
```

<https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e0000009CEECA2>

NEW QUESTION # 19

Refer to the exhibit.

The screenshot shows a web browser window displaying the Nutanix TrueAbility assessment interface. The browser's address bar shows the URL `http://10.148.15.197:5000`. The page title is "Nutanix NCMCI610". The main content area is titled "Assessment Info" and "Environment". It lists "Initial Steps" and "Workstation" requirements. A "Continue Assessment" button is visible in the top right. A watermark "Prep4sure.top" is overlaid on the page.

Assessment Info

Environment

You have been provisioned a dedicated environment for your assessment which includes the following:

Initial Steps

- When you first log into Prism Central or Prism Element you may see the EULA screen. Accept the EULA with any name and then disable Pulse.
- To access Prism Element, the pass-through from Prism Central (`Infrastructure\Hardware\Clusters\cluster-x\Launch Prism Element`) works better than directly using the external IP:9440.

Workstation

- Windows Server 2019
- All software/tools/etc. to perform the required tasks.

TrueAbility

0d 3h 59m 30s

Environment

You have been provisioned a dedicated environment for your assessment which includes the following:

Initial Steps

- When you first log into Prism Central or Prism Element you may see the EULA screen. Accept the EULA with any name and then disable Pulse
- To access Prism Element, the pass-through from Prism Central (Infrastructure\Hardware\Clusters\cluster-x\Launch Prism Element) works better than directly using the external IP 9440.

Workstation

- Windows Server 2019
- All software/tools/etc to perform the required tasks
- Nutanix Documentation and whitepapers can be found in `Desktop\Files\Documentation` and `Desktop\Files\Documentation 6.10`
- Note that the Workstation is the system you are currently logged into



- Windows Server 2019
- All software/tools/etc to perform the required tasks
- Nutanix Documentation and whitepapers can be found in `Desktop\Files\Documentation` and `Desktop\Files\Documentation 6.10`
- Note that the Workstation is the system you are currently logged into

Nutanix Cluster

- There are two clusters provided, connected to one Prism Central. The connection information for the relevant cluster will be displayed to the right of the question. Please make sure you are working on the correct cluster for each item. Please ignore any licensing violations.

Important Notes

- If the text is too small and hard to read, or you cannot see all of the GUI, you can increase/decrease the zoom of the browser with `CTRL +` and `CTRL -` (the plus and minus keys)

NUTANIX

The screenshot shows the Nutanix assessment interface. On the left, there is a sidebar with 'Assessment Info' and a list of tasks from Task 1 to Task 8. 'Task 1' is selected. The main area displays 'Task 1' with instructions: 'Perform the following task(s). A newly created Windows VM "SQL02" is experiencing poor storage performance when compared to "SQL01" running within the same cluster, on the same storage container. The cluster is in a healthy state. Create a new session named Monitor SQL02 with meaningful metrics. Right click on the session page and click Select All then paste this into Notepad and save it as Task 1.txt on the desktop. Also, save the analysis as a report named "MonitorSQL02" and send the report as a PDF on a daily basis to perf_group@ACHE.org. Reports should not be retained. If any new objects need to be created, use monitorvm2 in the name.' On the right, there is an 'Environment Info' panel with the following details:

- Prism Central Web Console**
 - admin / yKZUJCME7V*
 - nutanix / UJ2x0!DEXGY
- Cluster 1**
 - CVM external IP : 34.53.118.6
 - CVM DR IP: 172.30.0.6
 - admin / 9Fw08!3QW4XJ
 - nutanix / GNP*FE2504XWZ
 - root / KR*6HY00z5E8

This inset screenshot shows a close-up of the 'Environment Info' panel from the assessment interface. It contains the following information:

- Prism Central Web Console**
 - admin / yKZUJCME7V*
 - nutanix / UJ2x0!DEXGY
- Cluster 1**
 - CVM external IP : 34.53.118.6
 - CVM DR IP: 172.30.0.6
 - admin / 9Fw08!3QW4XJ
 - nutanix / GNP*FE2504XWZ
 - root / KR*6HY00z5E8

Cluster 2

CVM external IP : 34.82.155.5

CVM DR IP : 172.30.0.4

- admin / 5*K30fA76X
- nutanix / N*3Fxm1E7ZT9

Task1

A newly created Windows VM "SQL02" is experiencing poor storage performance when compared to "SQL01" running within the same cluster, on the same storage container.

The cluster is in a healthy state.

Create a new session named Monitor SQL02 with meaningful metrics. Right click on the session page and click Select All then paste this into Notepad and save it as Task 1.txt on the desktop.

Also, save the analysis as a report named "MonitorSQL02" and send the report as a PDF on a daily basis to perf_group@ACME.org. Reports should not be retained. If any new objects need to be created, use monitorvm2 in the name.

Finally, correct the issue within "SQL02"

Notes:

Do not power on the VMs.

While you will be creating a session, you will need to examine the VM configurations to determine the issue.

Do not delete the VM to resolve the issue, any other destructive change is acceptable

Answer:

Explanation:

See the Explanation

Explanation:

This is a classic Nutanix performance troubleshooting scenario. The issue is almost certainly that the VM was created using the wrong Disk Bus Type (IDE or SATA instead of SCSI).

Here is the step-by-step solution to complete Task 1.

Part 1: Analysis and Reporting

Create the Session

Log in to Prism Central (or Prism Element, depending on the exam environment, but Analysis is usually a PC feature).

Navigate to Operations -> Analysis.

Click New Session.

Name: Monitor SQL02

Entity: Search for and select the VM named SQL02.

Metrics: Since the issue is storage performance, search for and add these specific metrics:

Hypervisor IOPS (or Controller IOPS)

Hypervisor IO Latency (or Controller IO Latency)

Hypervisor IO Bandwidth

Click Save.

Save Session Data (Task 1.txt)

Open the "Monitor SQL02" session you just created.

(Per instructions): Right-click anywhere on the chart/data area -> Click Select All.

Copy the selected text (Ctrl+C).

Open Notepad on the provided desktop.

Paste the data.

Save the file as Task 1.txt on the Desktop.

Create and Schedule the Report

While still in the Analysis session, click the Create Report (or "Add to Report") button.

Report Name: MonitorSQL02

Report Settings:

Format: PDF

Frequency: Daily

Email Recipient: perf_group@ACME.org

Retention: 0 (or "Do not retain", as requested).

Note: If the system forces you to create a new Report object and MonitorSQL02 is rejected, use monitorvm2 as the name per the instructions.

Save/Schedule the report.

Part 2: Diagnose and Fix the Issue

The Issue:

VM SQL02 was likely created with its data disks set to IDE or SATA.

Why this causes poor performance: IDE/SATA are emulated hardware with high CPU overhead and low queue depths (single-threaded).

The Standard: SQL01 (the healthy VM) is using SCSI, which is multithreaded and optimized for virtualization.

The Fix (Steps):

Navigate to the VM list in Prism.

Select SQL02 and click Update (or Edit).

Scroll down to the Disks section.

Identify the data disk(s). You will see the Bus Type listed as IDE or SATA.

Do not delete the VM. instead, perform a disk conversion (destructive change to the disk is allowed, but we want to keep the data).

Method to Convert (Clone to SCSI):

Hover over the IDE/SATA disk to see the path/filename of the vDisk (or write it down).

Click Add New Disk.

Operation: select Clone from ADSF file.

Path: Browse to the storage container and select the file associated with the current IDE disk.

Bus Type: Select SCSI (This is the critical fix).

Index: Ensure it doesn't conflict with existing disks (usually index 1 or higher for data).

Click Add.

Once the new SCSI disk is added, find the original IDE/SATA disk and click the X to remove it.

Click Save.

Note: You do not need to power on the VM to verify. The change from IDE to SCSI allows the VM to use the Nutanix VirtIO drivers for maximum storage performance.

NEW QUESTION # 20

Task 9

Part1

An administrator logs into Prism Element and sees an alert stating the following:

Cluster services down on Controller VM (35.197.75.196)

Correct this issue in the least disruptive manner.

Part2

In a separate request, the security team has noticed a newly created cluster is reporting.

CVM [35.197.75.196] is using the default password.

They have provided some new security requirements for cluster level security.

Security requirements:

Update the default password for the root user on the node to match the admin user password: Note: 192.168.x.x is not available.

To access a node use the Host IP (172.30.0.x) from a CVM or the supplied external IP address.

Update the default password for the nutanix user on the CVM to match the admin user password.

Resolve the alert that is being reported.

Output the cluster-wide configuration of the SCMA policy to Desktop\Files\output.txt before changes are made.

Enable the Advance intrusion Detection Environment (AIDE) to run on a weekly basis for the cluster.

Enable high-strength password policies for the cluster.

Ensure CVMs require SSH keys for login instead of passwords. (SSH keys are located in the Desktop\Files\SSH folder).

Ensure the clusters meets these requirements. Do not reboot any cluster components.

Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

To correct the issue of cluster services down on Controller VM (35.197.75.196) in the least disruptive manner, you need to do the following steps:

Log in to Prism Element using the admin user credentials.

Go to the Alerts page and click on the alert to see more details.

You will see which cluster services are down on the Controller VM. For example, it could be cassandra, curator, stargate, etc.

To start the cluster services, you need to SSH to the Controller VM using the nutanix user credentials. You can use any SSH client such as PuTTY or Windows PowerShell to connect to the Controller VM. You will need the IP address and the password of the nutanix user, which you can find in Desktop\Files\SSH\nutanix.txt.

Once you are logged in to the Controller VM, run the command:

```
cluster status | grep -v UP
```

This will show you which services are down on the Controller VM.

To start the cluster services, run the command:

```
cluster start
```

This will start all the cluster services on the Controller VM.

To verify that the cluster services are running, run the command:

```
cluster status | grep -v UP
```

This should show no output, indicating that all services are up.

To clear the alert, go back to Prism Element and click on Resolve in the Alerts page.

To meet the security requirements for cluster level security, you need to do the following steps:

To update the default password for the root user on the node to match the admin user password, you need to SSH to the node using the root user credentials. You can use any SSH client such as PuTTY or Windows PowerShell to connect to the node. You will need the IP address and the password of the root user, which you can find in Desktop\Files\SSH\root.txt.

Once you are logged in to the node, run the command:

```
passwd
```

This will prompt you to enter a new password for the root user. Enter the same password as the admin user, which you can find in Desktop\Files\SSH\admin.txt.

To update the default password for the nutanix user on the CVM to match the admin user password, you need to SSH to the CVM using the nutanix user credentials. You can use any SSH client such as PuTTY or Windows PowerShell to connect to the CVM.

You will need the IP address and the password of the nutanix user, which you can find in Desktop\Files\SSH\nutanix.txt.

Once you are logged in to the CVM, run the command:

```
passwd
```

This will prompt you to enter a new password for the nutanix user. Enter the same password as the admin user, which you can find in Desktop\Files\SSH\admin.txt.

To resolve the alert that is being reported, go back to Prism Element and click on Resolve in the Alerts page.

To output the cluster-wide configuration of SCMA policy to Desktop\Files\output.txt before changes are made, you need to log in to Prism Element using the admin user credentials.

Go to Security > SCMA Policy and click on View Policy Details. This will show you the current settings of SCMA policy for each entity type.

Copy and paste these settings into a new text file named Desktop\Files\output.txt.

To enable AIDE (Advanced Intrusion Detection Environment) to run on a weekly basis for the cluster, you need to log in to Prism Element using the admin user credentials.

Go to Security > AIDE Configuration and click on Enable AIDE. This will enable AIDE to monitor file system changes on all CVMs and nodes in the cluster.

Select Weekly as the frequency of AIDE scans and click Save.

To enable high-strength password policies for the cluster, you need to log in to Prism Element using the admin user credentials.

Go to Security > Password Policy and click on Edit Policy. This will allow you to modify the password policy settings for each entity type.

For each entity type (Admin User, Console User, CVM User, and Host User), select High Strength as the password policy level and click Save.

To ensure CVMs require SSH keys for login instead of passwords, you need to log in to Prism Element using the admin user credentials.

Go to Security > Cluster Lockdown and click on Configure Lockdown. This will allow you to manage SSH access settings for the cluster.

Uncheck Enable Remote Login with Password. This will disable password-based SSH access to the cluster.

Click New Public Key and enter a name for the key and paste the public key value from Desktop\Files\SSH\id_rsa.pub. This will add a public key for key-based SSH access to the cluster.

Click Save and Apply Lockdown. This will apply the changes and ensure CVMs require SSH keys for login instead of passwords.

Part1

Enter CVM ssh and execute:

```
cluster status | grep -v UP
```

```
cluster start
```

If there are issues starting some services, check the following:

Check if the node is in maintenance mode by running the `ncli host ls` command on the CVM. Verify if the parameter Under Maintenance Mode is set to False for the node where the services are down. If the parameter Under Maintenance Mode is set to True, remove the node from maintenance mode by running the following command:

```
* nutanix@cvm$ ncli host edit id=<host id> enable-maintenance-mode=false
```

 You can determine the host ID by using `ncli host ls`.

See the troubleshooting topics related to failed cluster services in the Advanced Administration Guide available from the Nutanix Portal's Software Documentation page. (Use the filters to search for the guide for your AOS version). These topics have information about common and AOS-specific logs, such as Stargate, Cassandra, and other modules.

* Check for any latest FATALs for the service that is down. The following command prints all the FATALs for a CVM. Run this

command on all CVMs.

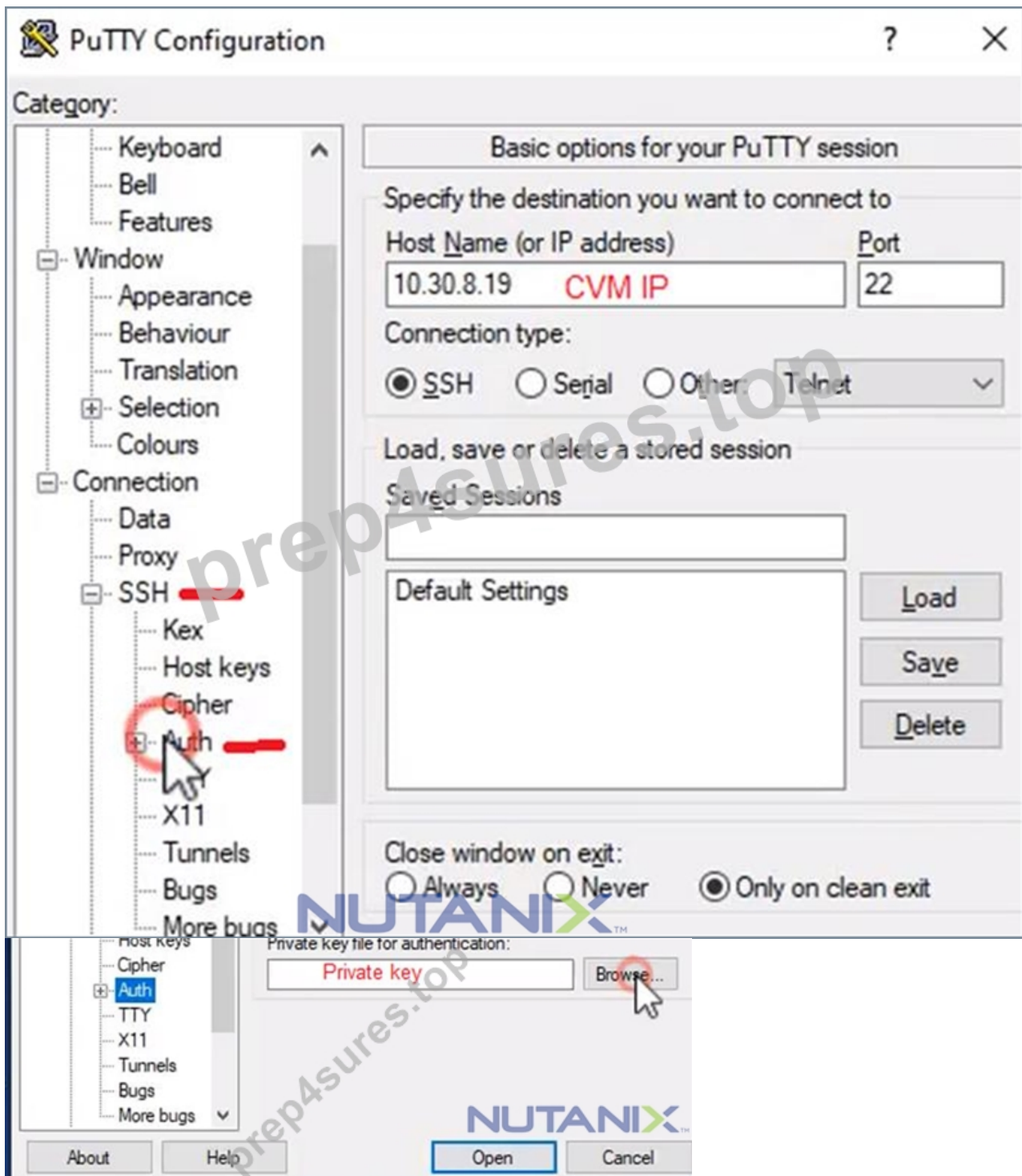
```
nutanix@cvm$ for i in `svnrips`; do echo "CVM: $i"; ssh $i "ls -ltr /home/nutanix/data/logs/*.FATAL"; done
NCC Health Check: cluster_services_down_check (nutanix.com)
Part2 Update the default password for the root user on the node to match the admin user password
echo -e "CHANGING ALL AHV HOST ROOT PASSWORDS.\nPlease input new password: "; read -rs password1; echo "Confirm new password: "; read -rs password2; if [ "$password1" == "$password2" ]; then for host in $(hostips); do echo Host $host; echo $password1 | ssh root@$host "passwd --stdin root"; done; else echo "The passwords do not match"; fi
Update the default password for the nutanix user on the CVM
sudo passwd nutanix
Output the cluster-wide configuration of the SCMA policy
ncli cluster get-hypervisor-security-config
Output Example:
nutanix@NTNX-372a19a3-A-CVM:10.35.150.184:~$ ncli cluster get-hypervisor-security-config
Enable Aide : false
Enable Core : false
Enable High Strength P... : false
Enable Banner : false
Schedule : DAILY
Enable iTLB Multihit M... : false
Enable the Advance intrusion Detection Environment (AIDE) to run on a weekly basis for the cluster.
ncli cluster edit-hypervisor-security-params enable-aide=true
ncli cluster edit-hypervisor-security-params schedule=weekly
Enable high-strength password policies for the cluster.
ncli cluster edit-hypervisor-security-params enable-high-strength-password=true
Ensure CVMs require SSH keys for login instead of passwords
```

<https://portal.nutanix.com/page/documents/kbs/details?targetId=kA060000008gb3CAA>

The screenshot shows the Nutanix Cluster Lockdown configuration page. The sidebar on the left includes sections for Network Switch, NTP Servers, SNMP, Security (with 'Cluster Lockdown' selected), Data-at-rest Encryption, Filesystem Whitelists, SSL Certificate, Users and Roles, Authentication, Local User Management, and Role Mapping. The main content area features a 'Cluster Lockdown' header with a lock icon and the text 'Cluster is not locked down.' Below this, a message explains that cluster lockdown makes connections more secure and provides instructions to lock down the cluster by deleting keys and disabling password login. There is a checkbox for 'Enable Remote Login with Password' which is currently unchecked. A '+ New Public Key' button is present. A table lists existing public keys with columns for Name and Key, and a delete icon (X) for each.

Name	Key	
Test	ssh-rsa AAAAB3NzaC1yc2EAA...	X
ABC-Lnx-Pubkey	ssh-rsa AAAAB3NzaC1yc2EAA...	X

The screenshot shows the 'Add New Public Key' form in the Nutanix interface. The form has two main input fields: 'Name' and 'Key'. The 'Name' field contains the text 'name_public_key'. The 'Key' field contains the text 'Public Key here'. At the bottom of the form, there are two buttons: a 'Back' button with a left-pointing arrow and a 'Save' button.



NEW QUESTION # 21

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 of 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.

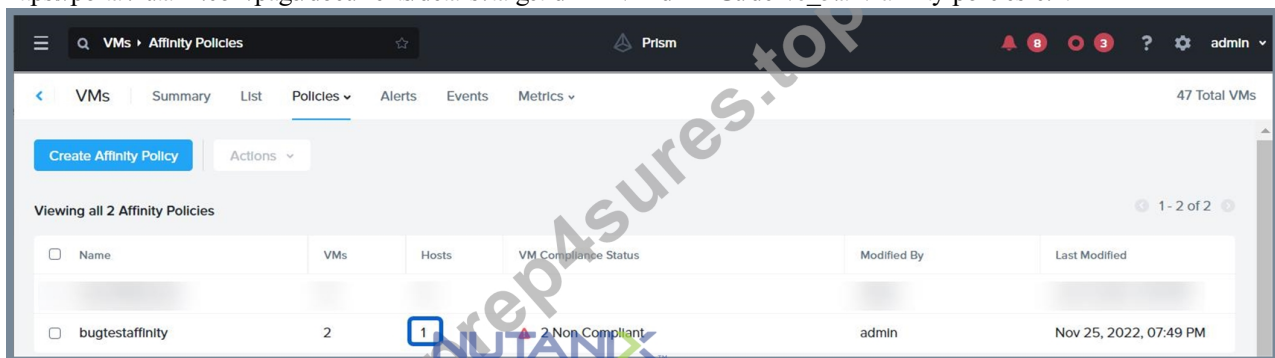
Select the SQL VMs (SQL01, SQL02, SQL03) from the list and click Next.

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 # 22

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