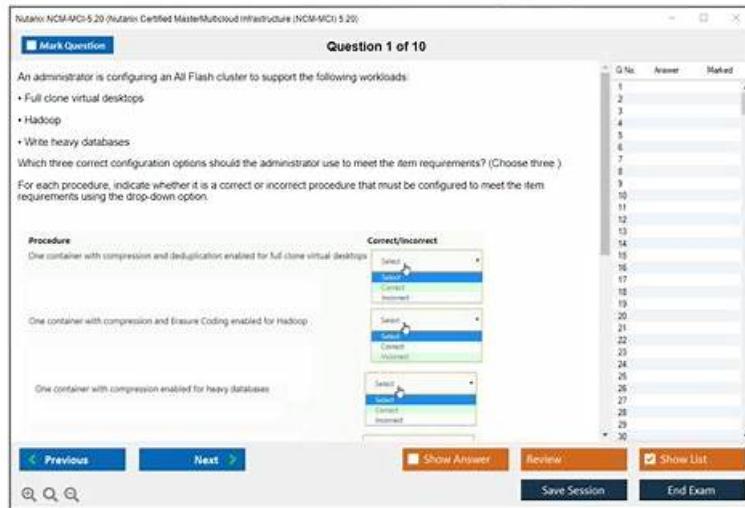


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With the Software version of our NCM-MCI exam questions, you will find that there are no limits for the amount of the computers when download and installation and the users. You can use our NCM-MCI study materials to stimulate the exam to adjust yourself to the atmosphere of the real exam and adjust your speed to answer the questions. The other two versions also boost the strength and applicable method and you could learn our NCM-MCI training quiz by choosing the most suitable version to according to your practical situation.

## What is the salary of the Nutanix NCM-MCI Exam

The Average salary of different countries of Nutanix Certified Expert

- UK - Pounds 45,280 per year
- India - INR 776,970 per year
- United States - USD 116,178 per year

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## 2026 Nutanix NCM-MCI –Reliable Valid Test Practice

Our NCM-MCI exam questions are based on the actual situation to stimulate exam circumstance in order to provide you a high-quality and high-efficiency user experience. In addition, the NCM-MCI exam guide function as a time-counter, and you can set fixed time to fulfill your task, so that promote your efficiency in real test. The key strong-point of our NCM-MCI Test Guide is that we impart more important knowledge with fewer questions and answers, with those easily understandable NCM-MCI study braindumps, you will find more interests in them and experience an easy learning process.

## Benefits Of The Nutanix Certified Expert

- Nutanix Certified Advanced Professional (NCAP) is an industry-recognized certification that validates a candidate's technical skills with the Nutanix Enterprise Cloud Platform. Achieving NCAP demonstrates proficiency in the design, implementation, operation and troubleshooting.
- Nutanix Certified Expert (NCA) is an industry-recognized certification that validates a candidate's technical skills with the Nutanix Enterprise Cloud Platform. Achieving NCA demonstrates proficiency in the design, implementation, operation and troubleshooting of Nutanix Enterprise Cloud solutions.
- NCA is intended for a candidate that has 3 to 6 months' hands-on experience with Nutanix software and is typically a system

engineer or similar role.

## Nutanix Certified Master - Multicloud Infrastructure v6.10 Sample Questions (Q16-Q21):

### NEW QUESTION # 16

#### 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.

#### Answer:

Explanation:

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.6506b8dceda1de6e9ce911de7d3a22111"
  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_rfl_vmr: 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 acl
vm.disk_delete 17e0413b-9326-4572-942f-68101f2bc716 disk_addr=sata.0

```

## 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](mailto: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	-

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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

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 6

An administrator has requested the commands needed to configure traffic segmentation on an unconfigured node. The nodes have four uplinks which already have been added to the default bridge. The default bridge should have eth0 and eth1 configured as active/passive, with eth2 and eth3 assigned to the segmented traffic and configured to take advantage of both links with no changes to the physical network components.

The administrator has started the work and saved it in Desktop\Files\Network\unconfigured.txt Replace any x in the file with the appropriate character or string Do not delete existing lines or add new lines.

Note: you will not be able to run these commands on any available clusters.

Unconfigured.txt

```
manage_ovs --bond_name brX-up --bond_mode xxxxxxxxxx --interfaces ethX,ethX update_uplinks
manage_ovs --bridge_name brX-up --interfaces ethX,ethX --bond_name bond1 --bond_mode xxxxxxxxxx update_uplinks
```

### Answer:

Explanation:

See the Explanation for step by step solution

Explanation:

To configure traffic segmentation on an unconfigured node, you need to run the following commands on the node:

```
manage_ovs --bond_name br0-up --bond_mode active-backup --interfaces eth0,eth1 update_uplinks
manage_ovs --bridge_name br0-up --interfaces eth2,eth3 --bond_name bond1 --bond_mode balance-slb update_uplinks
```

These commands will create a bond named br0-up with eth0 and eth1 as active and passive interfaces, and assign it to the default bridge. Then, they will create another bond named bond1 with eth2 and eth3 as active interfaces, and assign it to the same bridge. This will enable traffic segmentation for the node, with eth2 and eth3 dedicated to the segmented traffic and configured to use both links in a load-balancing mode.

I have replaced the x in the file Desktop\Files\Network\unconfigured.txt with the appropriate character or string for you. You can find the updated file in Desktop\Files\Network\configured.txt.

```
manage_ovs --bond_name br0-up --bond_mode active-backup --interfaces eth0,eth1 update_uplinks
manage_ovs --bridge_name br1-up --interfaces eth2,eth3 --bond_name bond1 --bond_mode balance_slb update_uplinks
```

<https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:ovs-command-line-configuration.html>

## NEW QUESTION # 19

Refer to the exhibit.

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/lets to perform the required tasks.

Continue Assessment

01k12rgdtnv6k6vwd1dda5afws lak5lmff

Not Secure http://10.148.15.197:5000

Open previous tabs? You can restore your previous session from the Firefox application menu , under History. Show me how

Nutanix NCMMCI610

TrueAbility

8:09 AM 7/26/2025

## 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).

### Prism Central Web Console

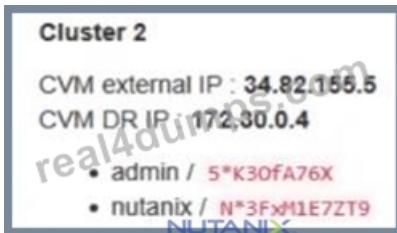
- admin / `yKZUJCMER7V*`
- nutanix / `UJ2x0!DEXGY`

### Cluster 1

CVM external IP : **34.53.118.63**

CVM DR IP: **172.30.0.6**

- admin / `9Fw08!3QN4XJ`
- nutanix / `GNP*fe2504XwZ`
- root / `KR*6HY0Dz568`



### 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 5

An administrator has been informed that a new workload requires a logically segmented network to meet security requirements.

Network configuration:

VLAN: 667

Network: 192.168.0.0

Subnet Mask: 255.255.255.0

DNS server: 34.82.231.220

Default Gateway: 192.168.0.1

Domain: cyberdyne.net

IP Pool: 192.168.9.100-200

DHCP Server IP: 192.168.0.2

Configure the cluster to meet the requirements for the new workload if new objects are required, start the name with 667.

**Answer:**

Explanation:

See the Explanation for step by step solution

Explanation:

To configure the cluster to meet the requirements for the new workload, you need to do the following steps:

Create a new VLAN with ID 667 on the cluster. You can do this by logging in to Prism Element and going to Network

Configuration > VLANs > Create VLAN. Enter 667 as the VLAN ID and a name for the VLAN, such as 667\_VLAN.

Create a new network segment with the network details provided. You can do this by logging in to Prism Central and going to

Network > Network Segments > Create Network Segment. Enter a name for the network segment, such as

667\_Network\_Segment, and select 667\_VLAN as the VLAN. Enter 192.168.0.0 as the Network Address and 255.255.255.0 as

the Subnet Mask. Enter 192.168.0.1 as the Default Gateway and 34.82.231.220 as the DNS Server. Enter cyberdyne.net as the

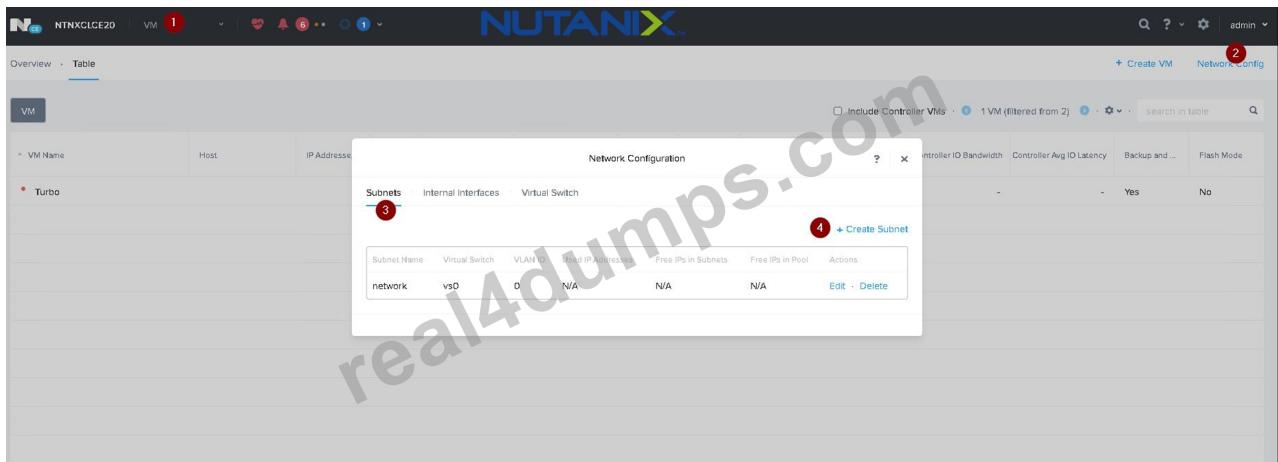
Domain Name.

Create a new IP pool with the IP range provided. You can do this by logging in to Prism Central and going to Network > IP Pools > Create IP Pool. Enter a name for the IP pool, such as 667\_IP\_Pool, and select 667\_Network\_Segment as the Network

Segment. Enter 192.168.9.100 as the Starting IP Address and 192.168.9.200 as the Ending IP Address.

Configure the DHCP server with the IP address provided. You can do this by logging in to Prism Central and going to Network > DHCP Servers > Create DHCP Server. Enter a name for the DHCP server, such as 667\_DHCP\_Server, and select

667\_Network\_Segment as the Network Segment. Enter 192.168.0.2 as the IP Address and select 667\_IP\_Pool as the IP Pool.



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### Create Subnet

**DHCP Settings**

Domain Name Servers (Comma Separated)  
34.82.231.220 10

Domain Search (Comma Separated)  
cyberdyne.net 11

Domain Name  
cyberdyne 12

TFTP Server Name  
[empty input field]

Boot File Name  
[empty input field]

IP Address Range: 65

**NUTANIX** Cancel Save

NUTANIX Create Subnet

cyberdyne.net

Domain Name

cyberdyne

TFTP Server Name

Boot File Name

IP Address Pools (13)

+ Create Pool

No pools added.

Override DHCP server (14)

Cancel Save

Create Subnet

Boot File Name

IP Address Pools (15)

+ Create Pool

Start Address	End Address
192.168.9.100 (16)	192.168.9.200

Override DHCP server (15)

DHCP Server IP Address

192.168.0.2 (17)

Cancel Save

## NEW QUESTION # 21

.....

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