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ROLL NO – 21

## 1.CREATE VM WITH NAME AND ROLLNUMBER

The screenshot displays the vSphere Client web interface. The main view shows the summary of a virtual machine named 'RK20NRA21'. The VM is currently 'Powered Off'. Key details include:

- Guest OS:** VMware Photon OS (64-bit)
- Compatibility:** ESXi 7.0 and later (VM version 17)
- VMware Tools:** Not running, not installed
- DNS Name:** (empty)
- IP Addresses:** (empty)
- Host:** esx-01a.corp.local
- Storage Usage:** 16 GB

The interface also shows a list of recent tasks at the bottom, including 'Create virtual machine' and 'Check new notifications', both of which are completed.

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
Create virtual machine	RegionA01	Completed		CORP\Administrator	3 ms	03/26/2023, 8:46:32 PM	03/26/2023, 8:46:33 PM	vcxs-01a.corp.local
Check new notifications	vcxs-01a.corp.local	Completed		VMware vSphere Lifecycle...	43 ms	03/26/2023, 8:43:02 PM	03/26/2023, 8:43:32 PM	vcxs-01a.corp.local



## **2. EXPLAIN TAG AND CATEGORY WITH IMPLEMENTATION-**

TAG – A tag is a label that can be applied to objects in the vSphere inventory . During tag creation, it is essential to assign the tag to a category.

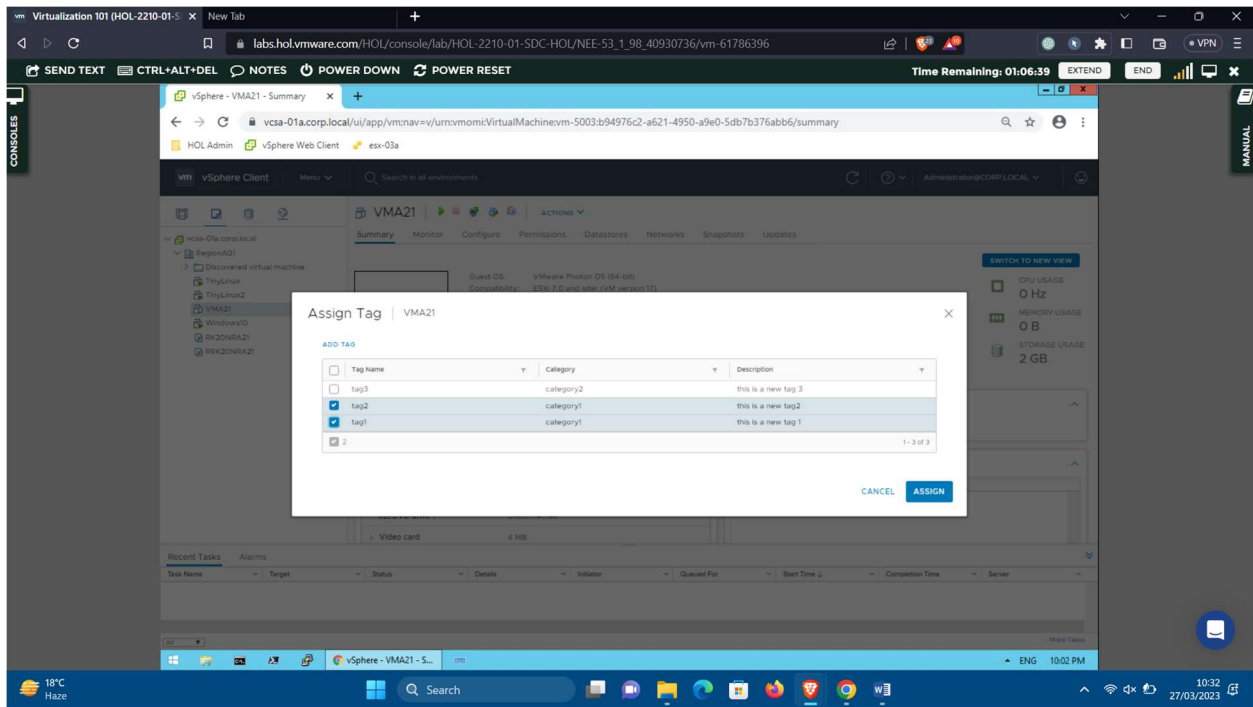
CATEGORY – Category enables the grouping of associated tags, providing a means to organize objects. As we create categories, we can define the types of objects associated with each tag. Furthermore, it is possible for multiple tags within a category to apply to a single object.

Steps to create tags and category :-

first I have created tag with desired name and description

Then I have created particular category for this tag that I have selected in.

Then in virtual machine I had assigned my tag



### 3.CREATE TEMPLATE :-

