



# Enterprise Cloud Services

## How to Configure Cloud?

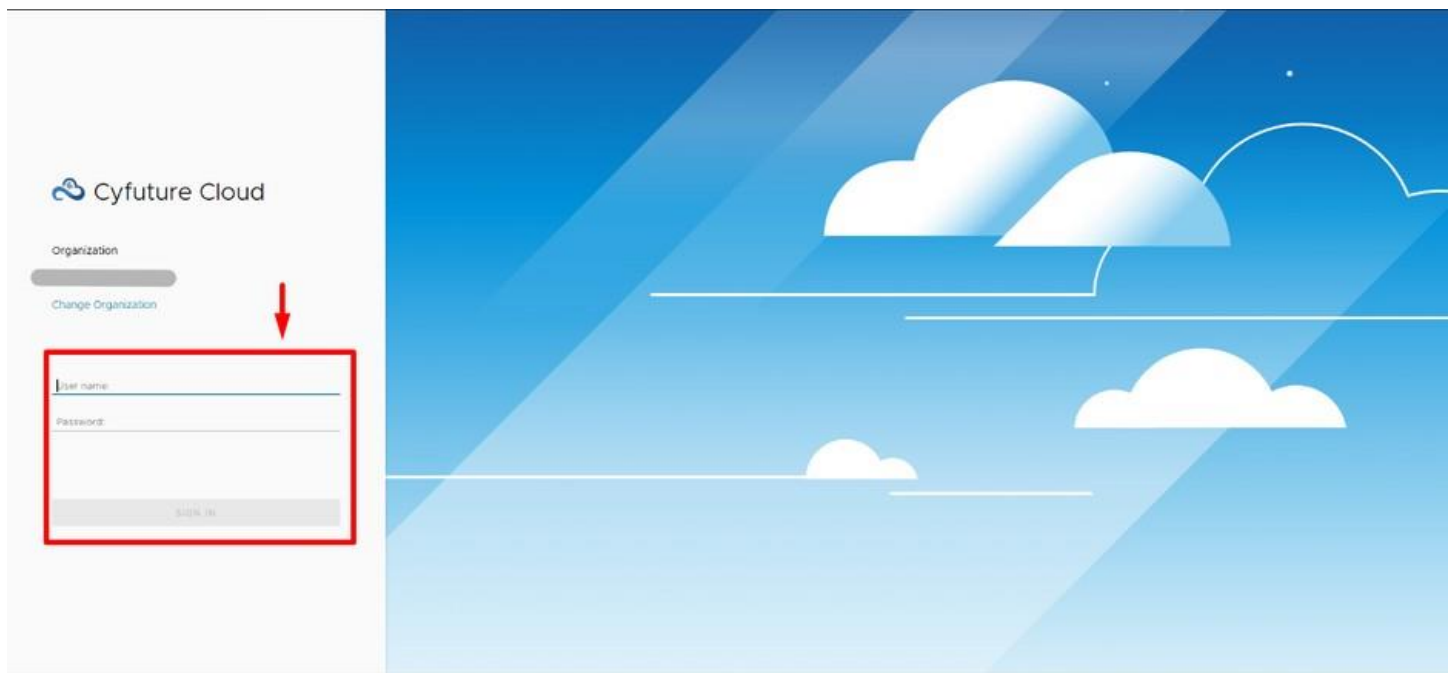
Experience the power of the future with Cyfuture Enterprise Cloud - The ultimate cloud solution for your business needs. Our cloud portal offers a wide range of cutting-edge features such as containers, object storage, data protection, advanced networking, load balancing, and more, all in one place. Our Enterprise Cloud solution provides everything you need to scale your business and take it to the next level. So why wait? Try Enterprise Cloud today and transform your business with the power of the cloud.

**Step-1: Login to your cloud console** by visiting the URL provided on your Cyfuture Enterprise Cloud Portal once you have completed your registration, chosen your desired enterprise cloud service and made the initial payment.

Kindly refer to the below snippet.

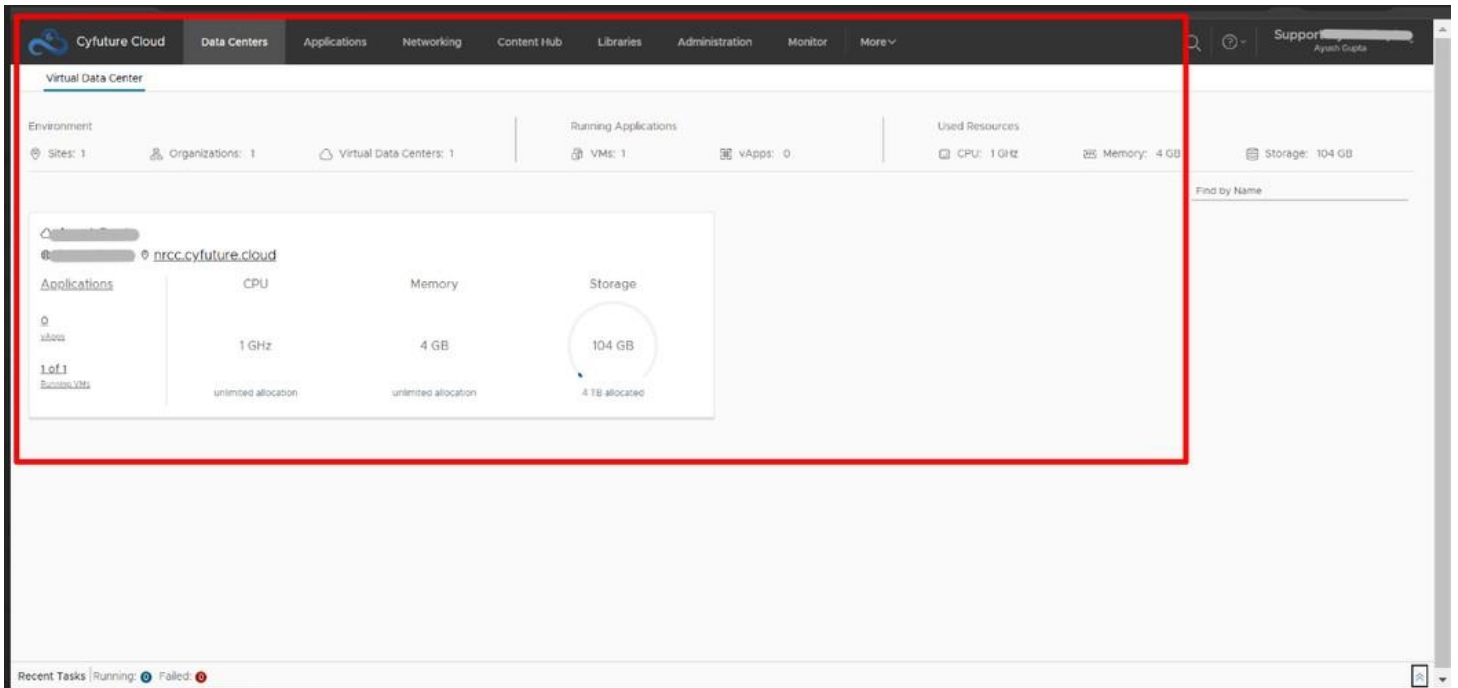


**Step-2:** Use your credentials provided on the page to **Sign-In to the Enterprise Cloud Console**. (For ex.- Here we are depicting the configuration setup through Noida Region-Enterprise Cloud Console). Kindly refer to the below snippet.



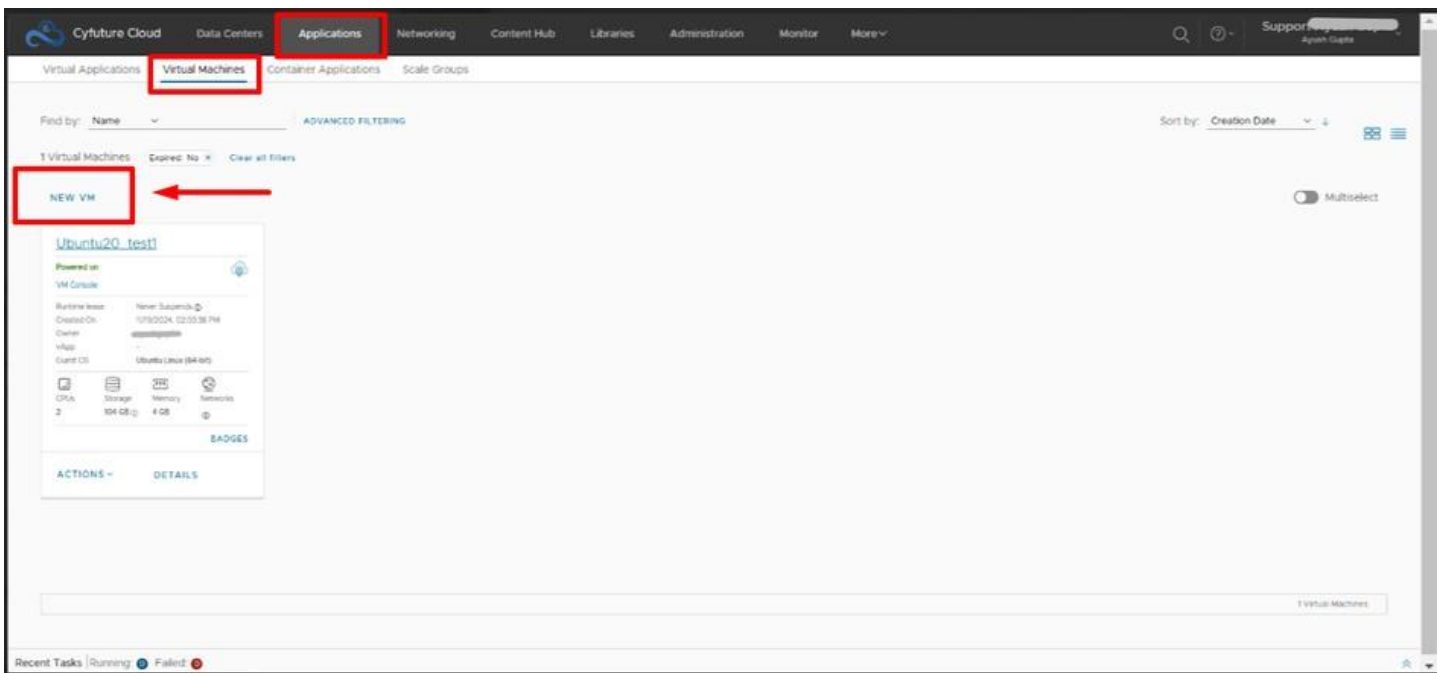
**Step-3:** After login, you'll land on the main page of your organization on enterprise cloud console.

**Landing in the virtual data center, you can get an overview of the complete number of applications deployed and running in your organization, the CPU, Memory and Storage utilization as well as the tabs for accessing various services within the cloud console.**



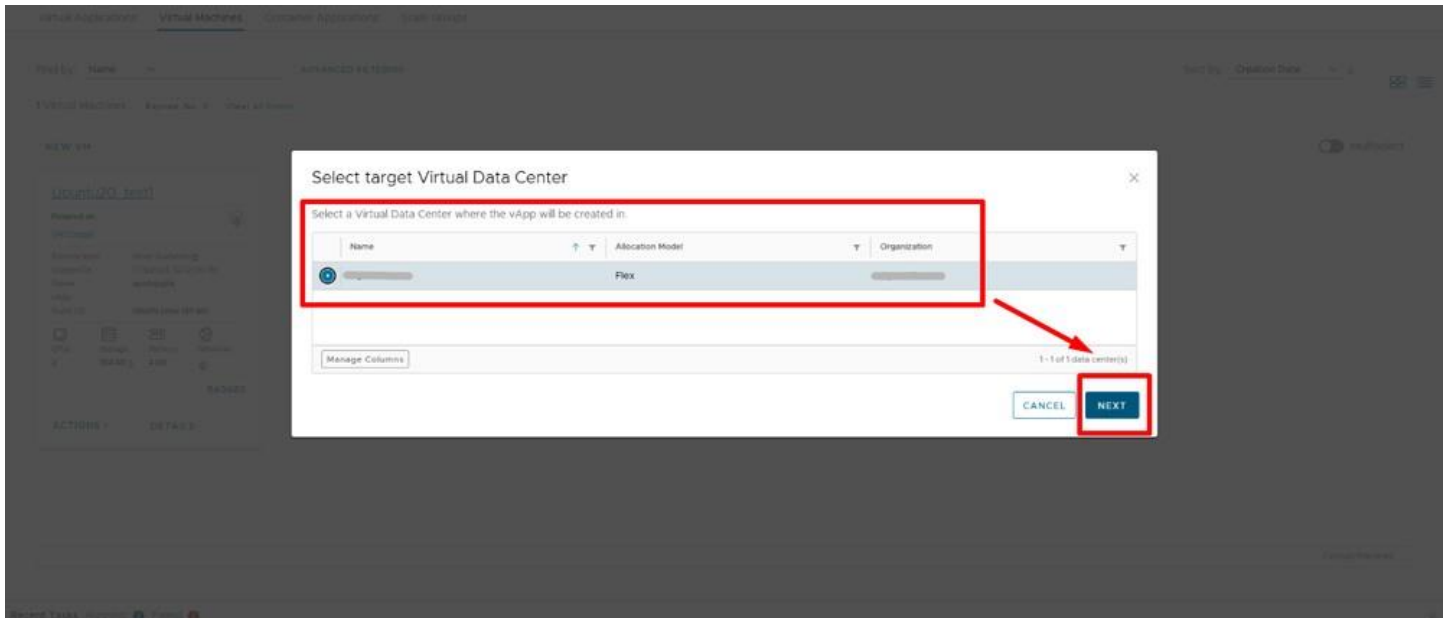
**Step-4:** Now to begin with the **initial step of Virtual Machine (VM) deployment**, click on the Applications tab on the top. Now click on Virtual machines option and now you can find the list of VM's created within your organization.

To create a new virtual machine, click on NEW VM.



**Step-5:** Now the following steps involve the **configuration setup** for your virtual machine. Begin with choosing the virtual data center where the Virtual Machine will be created.

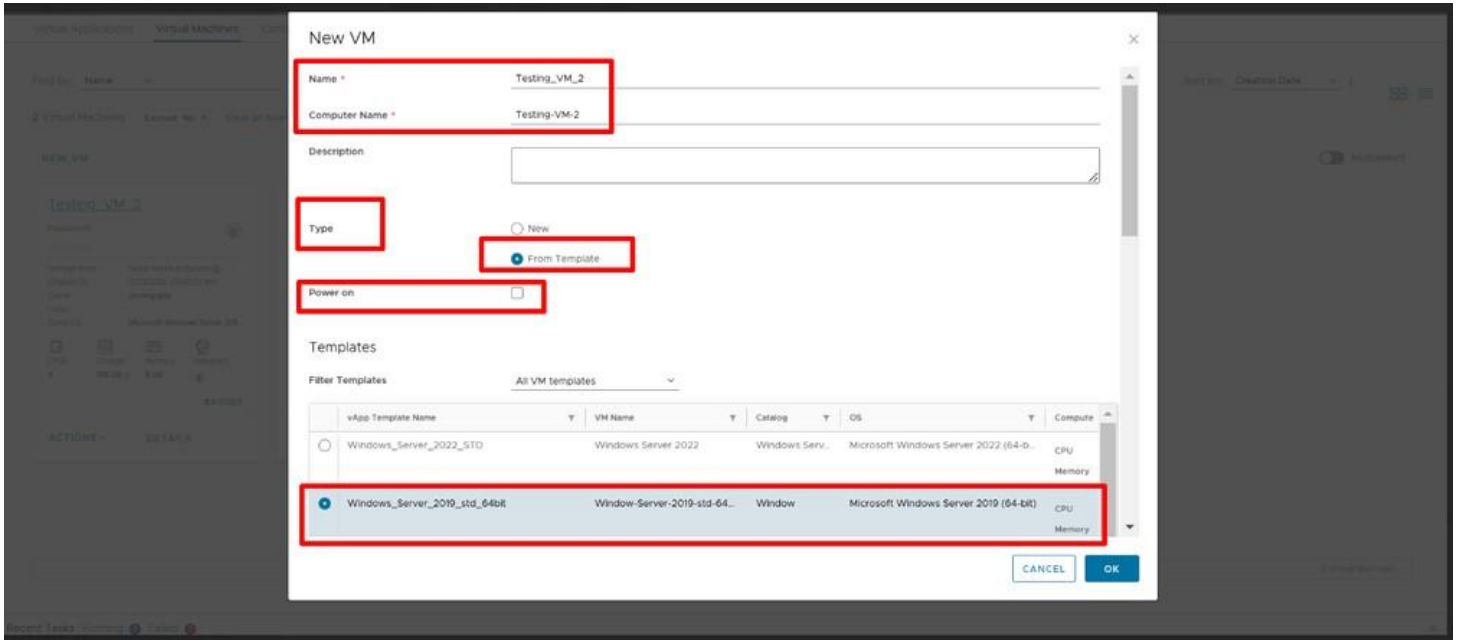
By default, choose the first option with the name, organization and allocation model mentioned.



**Step-6:** Now enter the desired name and computer name of your virtual machine. Write the desired description for your virtual machine (optional). **Select the type of deployment.**

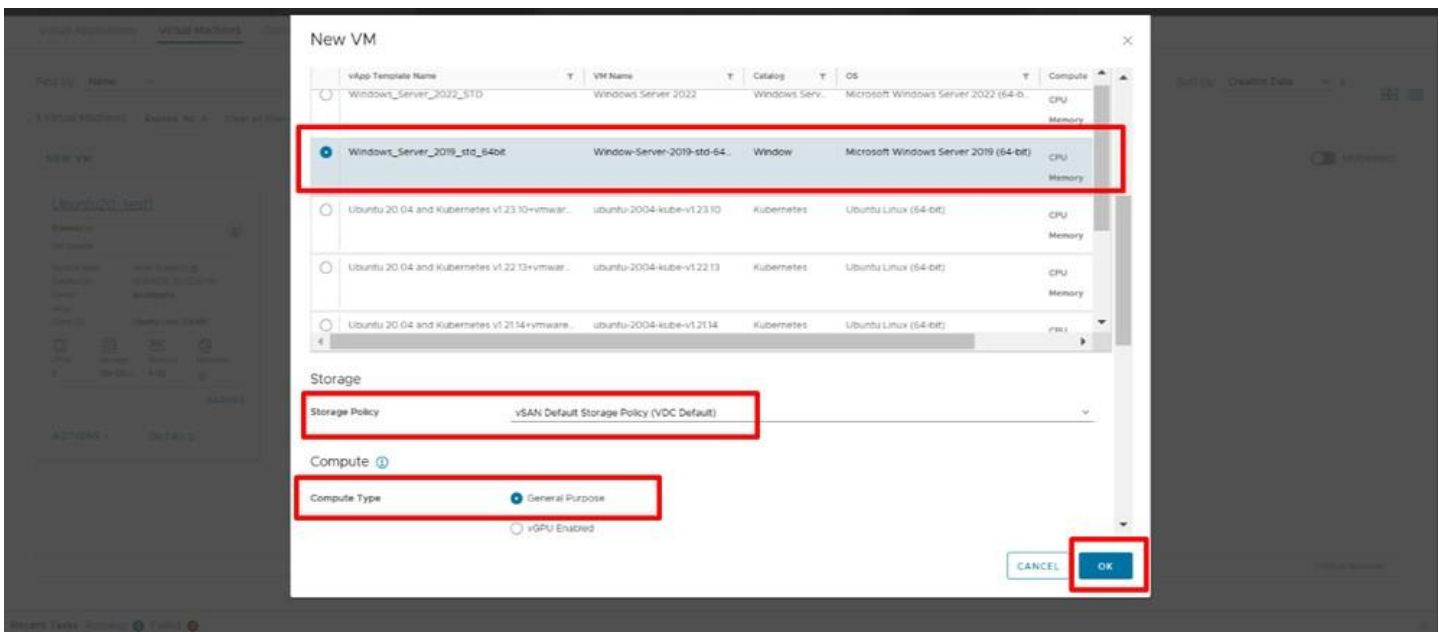
You can choose either building the machine from scratch using ISO file or you can build the VM from the list of templates, for ex.- Windows-2022, Windows-2019, Ubuntu-20, etc.

**A.** Let's understand the **VM deployment through the Windows-2019 template** below.



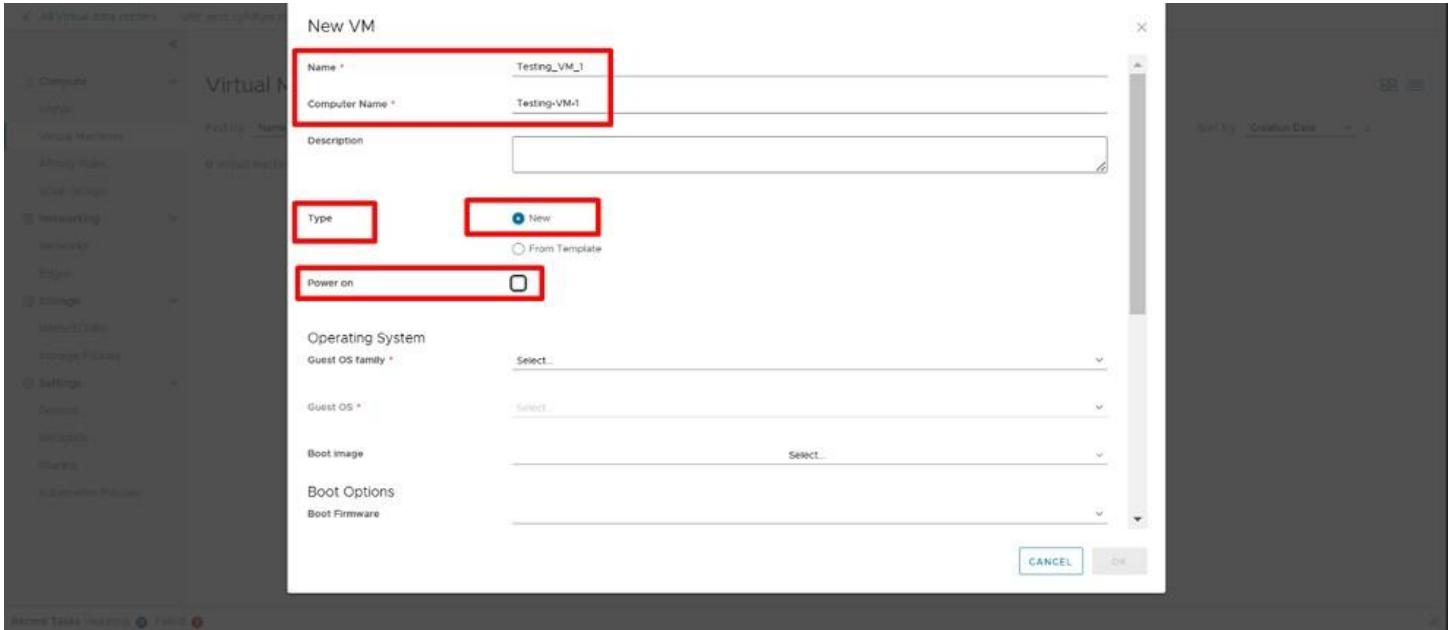
**A.1:** Enter the name and Computer name. Proceed ahead by **selecting the deployment type** as 'From Template'. Select the type of template as per the requirement.

For example, here we are proceeding with the Windows-2019 standard template type from the list.

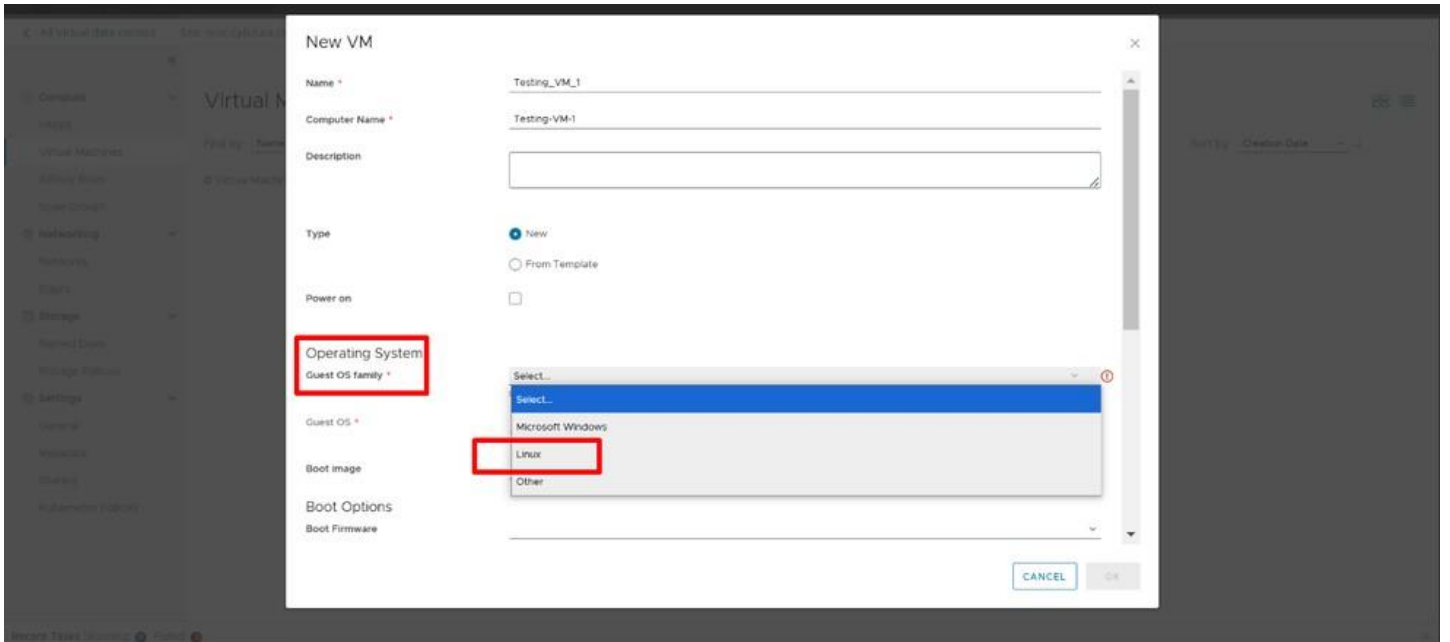


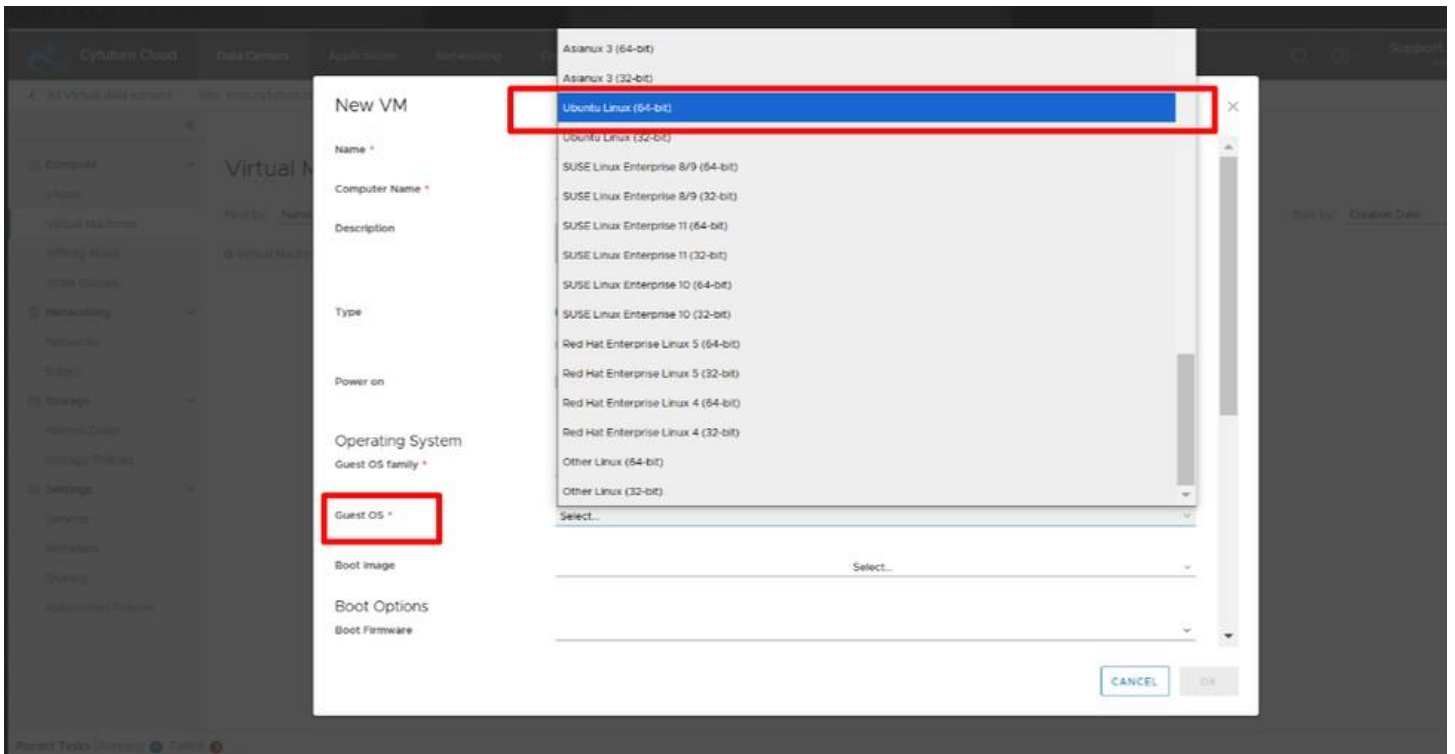
**B.** Let's understand the **VM deployment through the Ubuntu-22 ISO file** below.

**B.1:** To begin with the installation using ISO image for the OS like for ex. Ubuntu-22 ISO file, after entering the name and computer name for your virtual machine, **select the type** as 'New'.



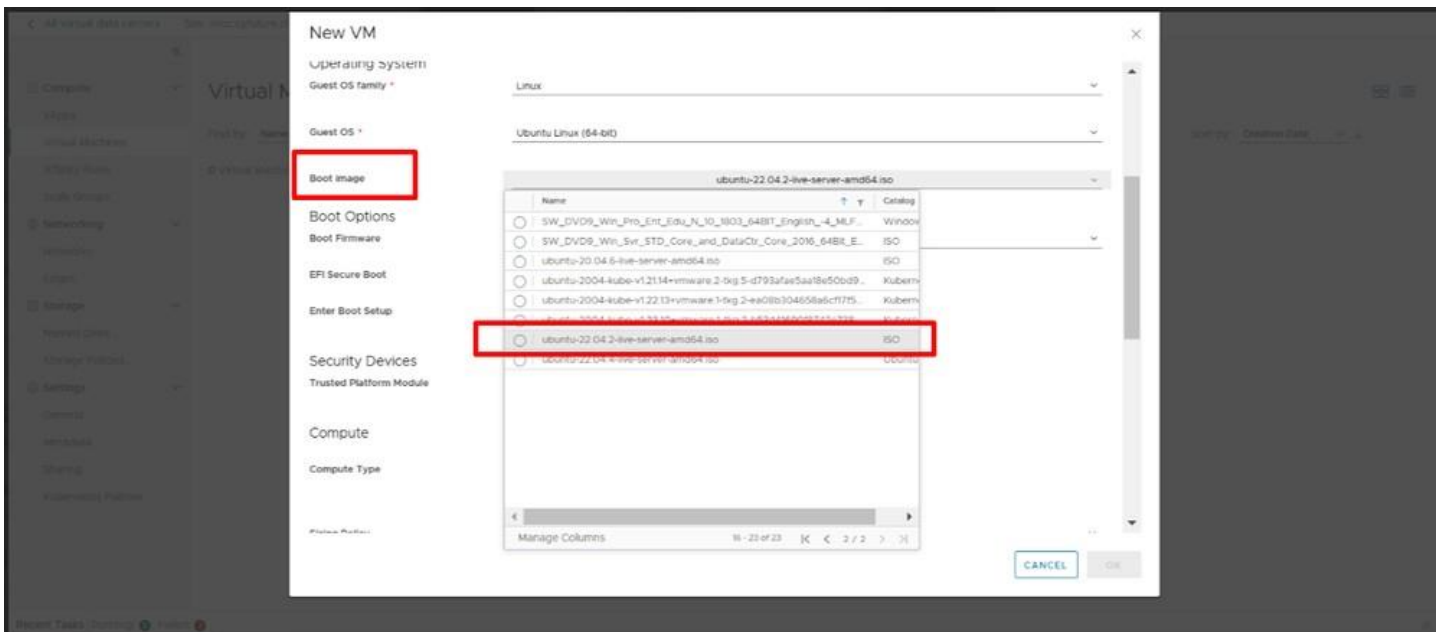
Under **operating system**, for 'Guest OS family' select the desired option from the provided list like Windows, Linux, etc. In 'Guest OS', choose the specific OS to proceed with along with its bit-size compatibility. For ex. here- Ubuntu (64 bit) has been selected.



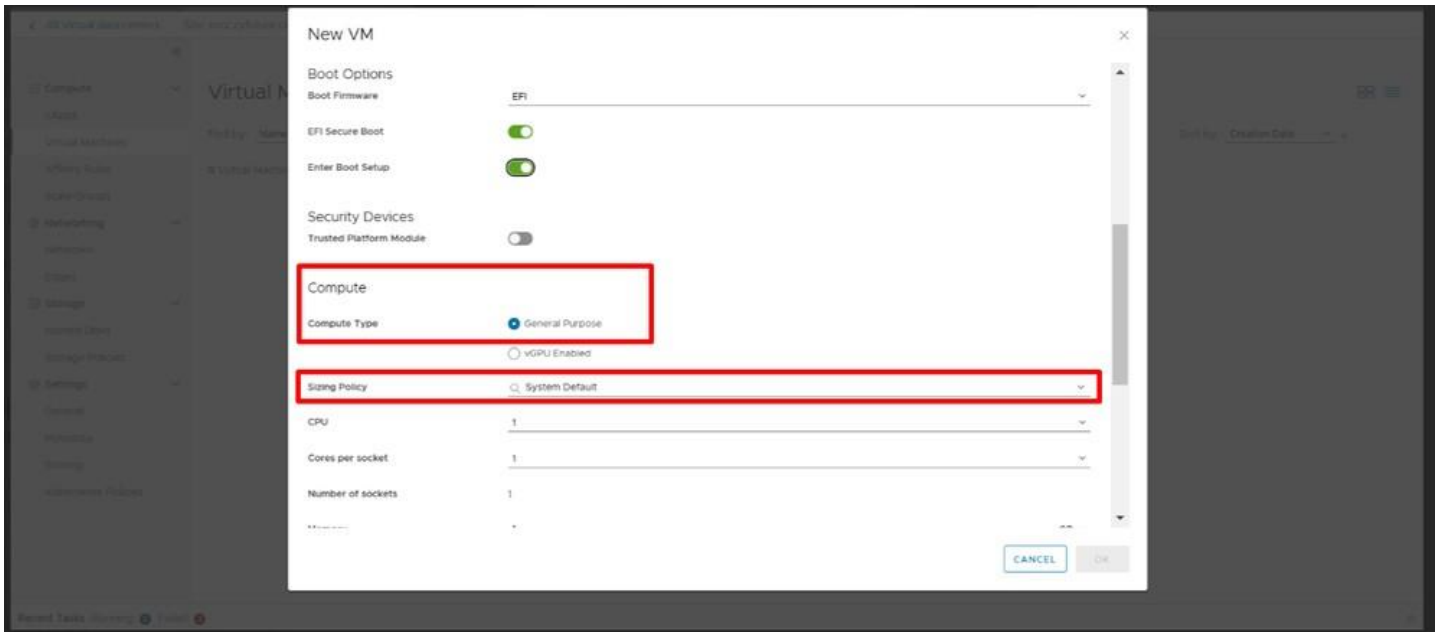


Now select the ISO image file for the OS. from the catalog under the 'Boot Image' Configuration. For ex., here we are selecting the Ubuntu-22 live server amd64 iso file.

Kindly refer to the snippet below.



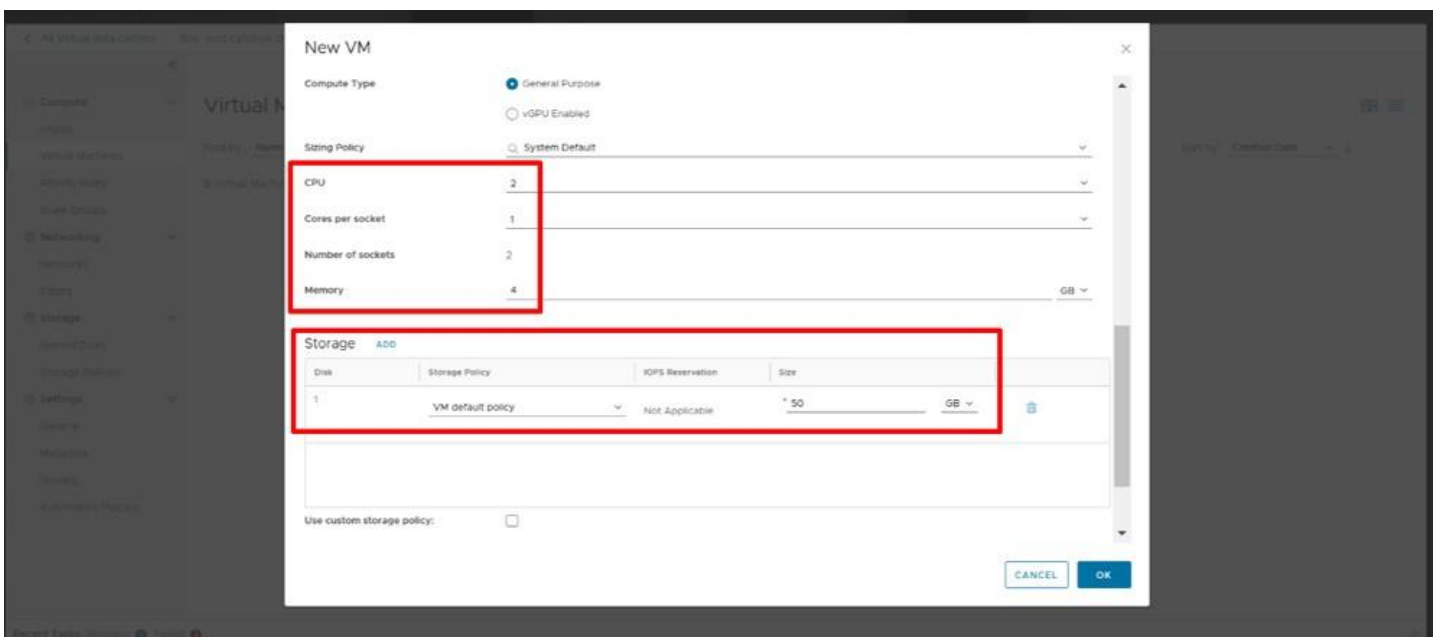
**Step-7:** For the **storage configuration**, keep the storage as vSAN default storage policy and the compute type as general purpose (as currently we are building a basic machine without GPU use). Keep the virtual machine powered-off necessarily at start.



**Step-8:** Choose the number of cores (CPU), Cores per socket as half of the number of cores, Number of sockets is chosen as 2 by default. Choose the memory size. Thus, **choose the Memory, CPU configuration and storage** as per your choice.

For ex. here by default in the template the memory allocated is 4 GB, the CPU is 2 core with cores per socket as 1 and storage 50 GB by default provisioning in template.

When building the VM from ISO you can change these default configurations but through template they can't be edited at start but can be edited later.

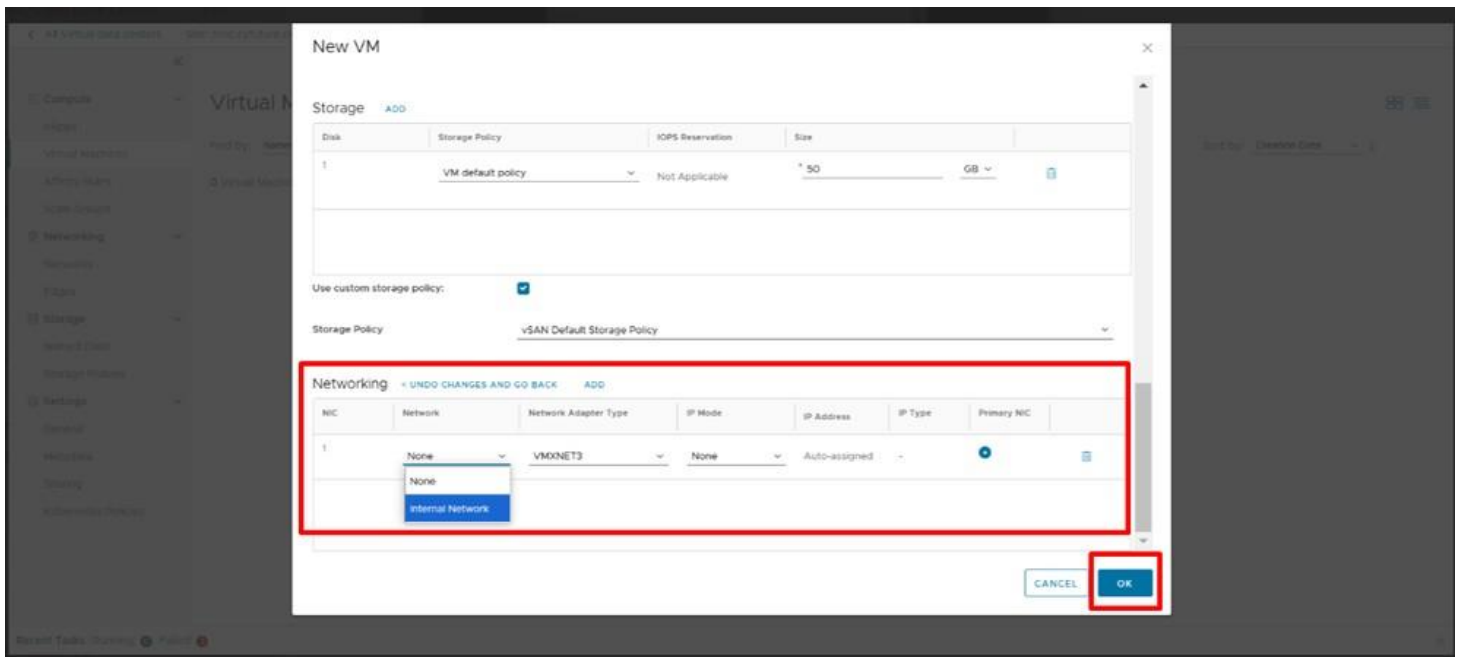




**Step-9:** Now for **configuring the NIC's**, select the primary type and connect it by clicking the checkbox. Then choose the network adapter, for ex- here we have chosen VMXNET3 by default.

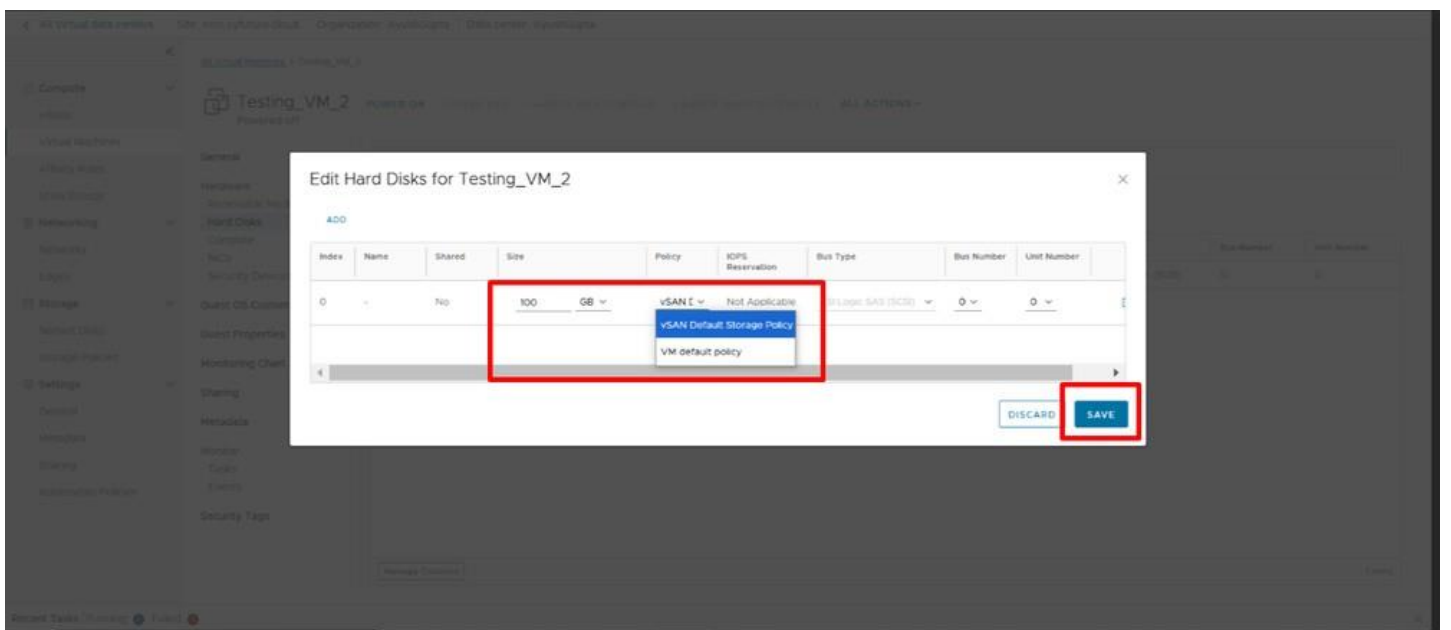
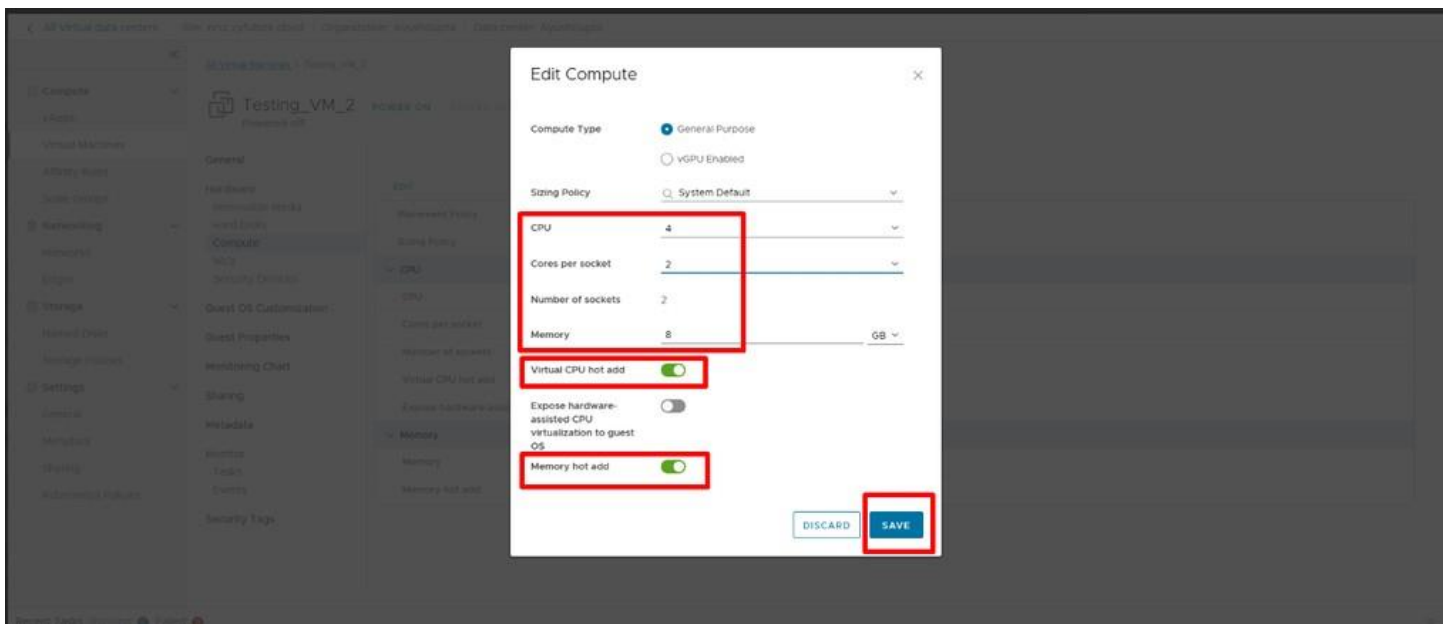
Then select the Internal Network in network type and the IP Mode as IP Static Pool so that it will fetch the IP Address from the default set. Keep the MAC address by default.

Now finally click on OK and your VM will be created. Kindly refer to the below snippet.

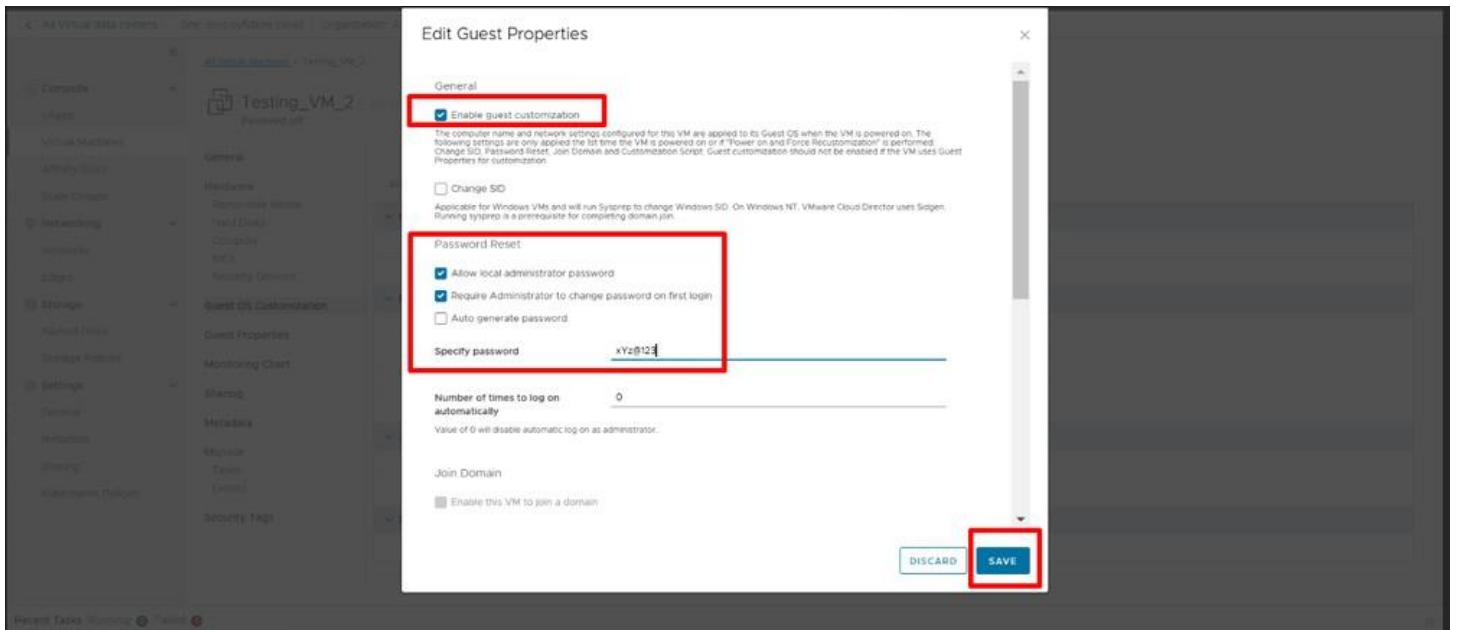
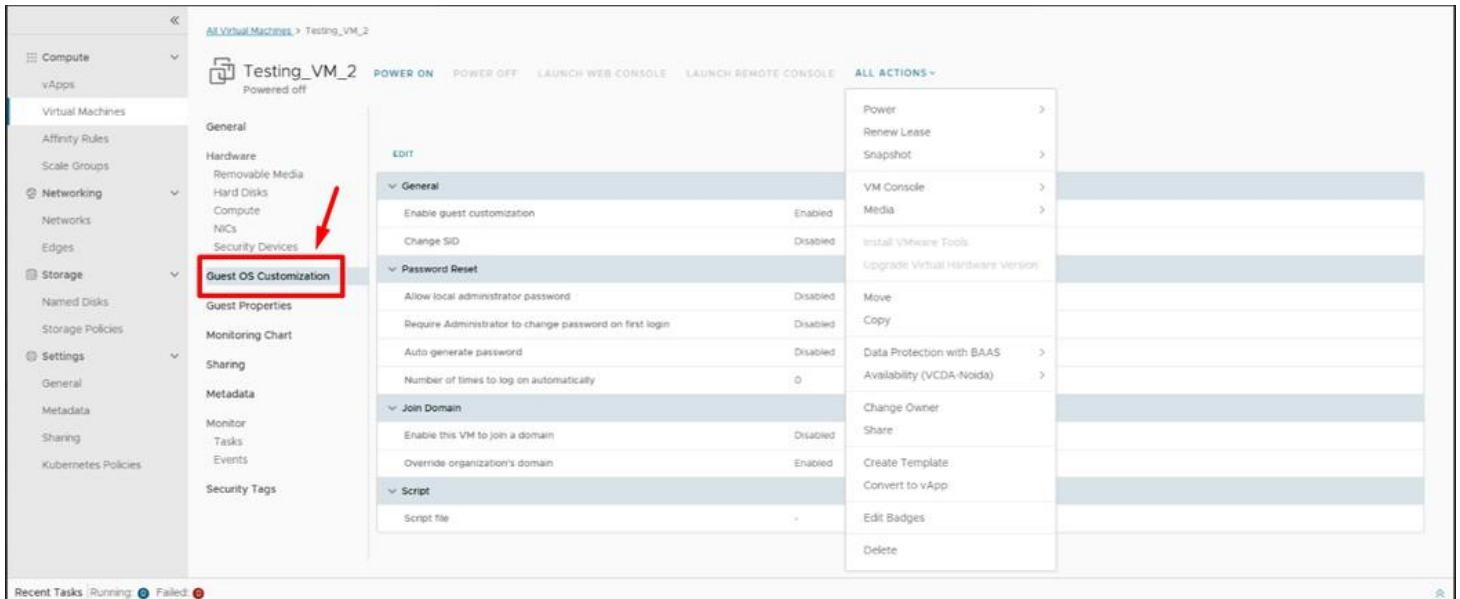


**Step-10:** Now you can make further changes in the VM compute, memory or storage by clicking on the Compute, Hard Disks, NICs, the OS type or other services as per your requirement. Note that the storage can only be increased and not degraded.

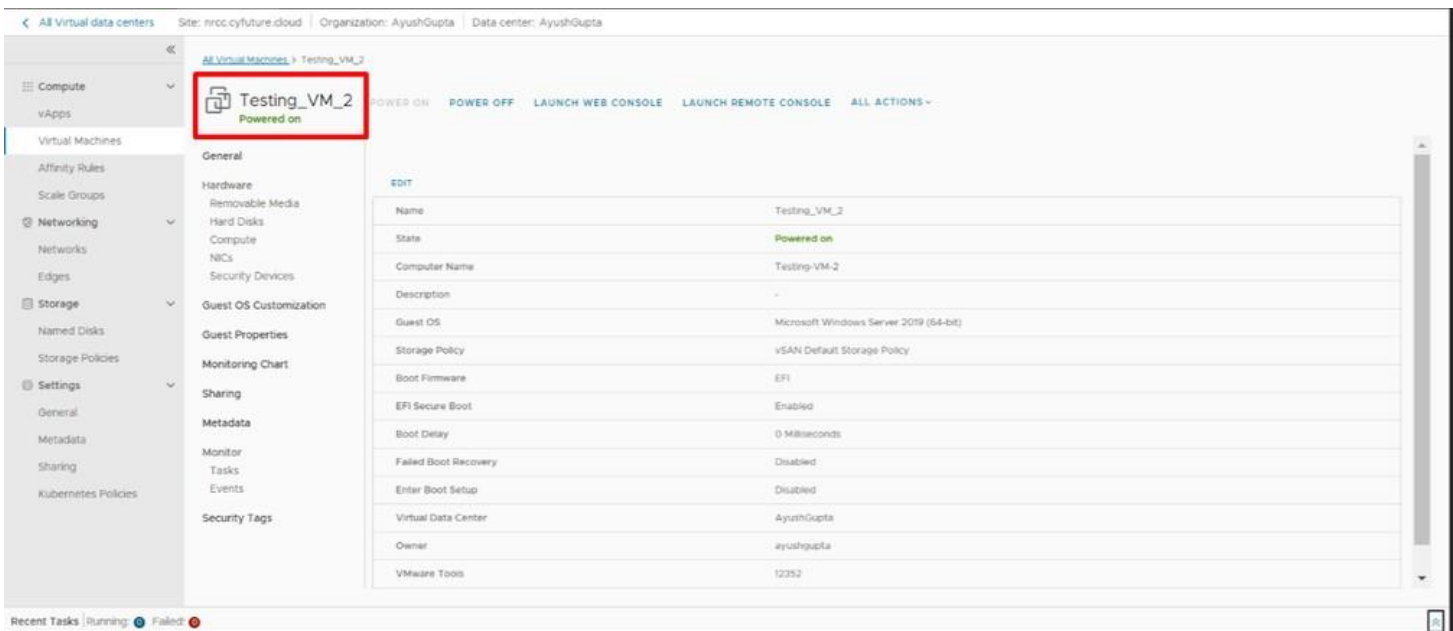
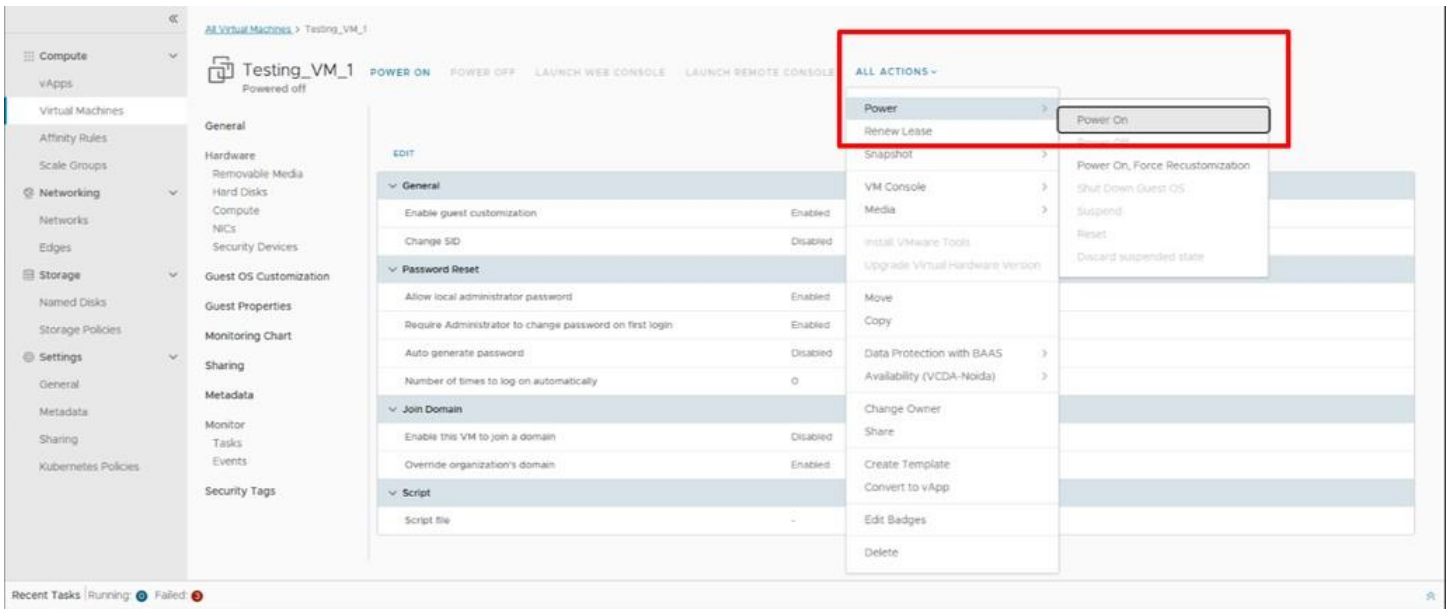
Further in order to make any changes in the VM ensure the Hot Add Plug (Memory and CPU is enabled). Also, before making any changes ensure the virtual machine is powered off and later power it onto ensure successful re-customization. Kindly refer to the snippet below.



**Step-12:** In order to login into your newly created virtual machine, it is essential to **enable the Guest OS Customization** by clicking on the same tab. Once you click on it, enter the password you want to keep and make the necessary configurations.



**Step-13:** Now once you have made the necessary changes Power-on your virtual machine again. Login to your virtual machine and you can get started further.



Thus, finally your basic necessary cloud configurations setup is achieved and you can explore as well as access the enterprise cloud portal and various cloud services as per your organization's need and requirement.