

1) create a virtual machine using type 2 hypervisor and allocate the required storage. Also give the provision of decreasing the amount of storage allocated to the virtual machine.

Virtual Machine:

Virtual Machine (VM) is a digital version of a physical computer. Virtual machine software can run programs and operating system, store data, connect to network and do other computing function and require maintenance such as update and system monitoring.

They using type 2 hypervisor on virtual machine, it is virtual box.

We are going to download and install on virtual box and allocate the storage. How to do.

Steps to create on virtual box:

Step-1: Open the browser (Microsoft edge) and to type a virtual box on search bar.

Step-2: Page is open. Then scroll down and find the oracle vm virtual box - Downloads link on this page. Then click on it.



- Step-3: And open on Oracle VM Virtual box Version 7.0.10 page. click on first link the Oracle VM Virtualbox Base Packages - 7.0.10.
- Step-4: It slide is opened and to click on windows installer then it have to 64-bit on pc.
- Step-5: It will started on downloading and it take sometime to downloads.
- Step-6: Then the downloads are completed and to file on Virtualbox - 7.0.10 - win.exe, to be opened.
- Step-7: And to select yes because they will give the permission to allow this app while using the software.
- Step-8: Start to preparing the install and then open on Oracle VM Virtual box welcome Page and select to Next.
- Step-9: Select the Virtualbox application of the Custom setup page and click on next.
- Step-10: to click on yes and missing dependencies Python core/win32api will be opened and select on yes.
- Step-11: Processing on installation. and the installation is complete and click finish button.



Step-12: Virtualbox is installed on it desktop and click to open virtualbox.

Step-13: Now, we are going to create a virtualbox on new. Then open the virtualbox software and select the new.

Step-14: It open virtual machine name and operating system page. It mained to given a name on virtualbox and select folder on drive. others will automatically suggest the type and version on os using virtual machine.

step-15: click next and we have to check the base memory on hardware (Suggest 2048MB). click next button. and it Enable the EFI choosen. option.

Step-16: Select, virtual harddisk size to be created (Suggest 50.00GB) and to Enable pre-allocate Full size option and click next.

Step-17: to created an summary of the virtualbox and it start to Installing creating medium to be loading

Step-18: After Completing all the process and they will created new virtualbox.

Step-19: And also allocating the hardware on virtualbox.



Step-20: Select the Virtual media manager on that file and adjusting the size on hardware it will only increasing the size. It can't be reduced the size on hardware.

Step-21: Then Oracle Virtualbox will be installed.