

ASSIGNMENT-1

Create a Virtual Machine using type 2 hypervisor, allocate the required storage. Also give the provision of decreasing the amount of storage allocated to the virtual machine.

TYPE 2 HYPERVISOR



Hosted Hypervisor

EX: VIRTUAL BOX

VIRTUAL BOX :

Oracle VM Virtual Box, the world's most popular open source, cross-platform, virtualization software, enables developers to deliver code faster by running multiple operating system on a single device. IT teams and solution providers use VirtualBox to reduce operational costs and shorten the time needed to securely deploy applications on-premises and to the cloud.

The steps are involved to create virtual machine using type 2 hypervisor (Virtual Box)

- step 01 : search the virtual box in browser
- step 02 : Go to Oracle virtual box download page using the given first link.
- step 03 : Click on the windows host link
- step 04 : After the download click open
- step 05 : An installation wizard will pop up;
click next
- step 06 : on the next screen, customize the things you want to install for this article we will go with the default installation without changing any setting. click next
- step 07 : The next screen will show a warning about network interfaces. click yes.
- step 08 : If there are any missing dependencies. virtual box will install them. click yes.
- step 09 : Finally click install in the ready to install screen.
- step 10 : After the completion of installation download
- step 11 : It show welcome to virtualization page. click the option new
- step 12 : In the name field, confirm a descriptive name for the virtual machine

- step 13 : In the Folder setting specify the location to store the virtual machine.
- step 14 : Click the next button
- step 15 : select 4GB or more system memory to allocate for the machine.
- step 16 : Select 2 or more processors depending on our hardware configuration. Click next
- step 17 : select 64GB or more to install windows 10 on virtual machine.
- step 18 : click the next button
- step 19 : Next show the summary. click next
- step 20 : then it lead to show the general information
- step 21 : After that display the general & preview.
- step 22 : Then click the file and select the tools
click the virtual machine manage.
- step 23 : The next to allocate the required storage