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CLASS : 21IT5B

REG NO : 21ITR071

SUBJECT : VIRTUALIZATION

- 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 Box:

Virtual Box is open-source software for virtualizing the x86 computing architecture. It acts as a hypervisor, creating a VM (Virtual machine) where the user can run.

Virtual Box Installed:-

The Virtual Box installed to be C:\Program files\Oracle\Virtual Box folder.

The process of Virtual Box Installation:-

- ⇒ Open the Virtual Box website. Go to <https://www.virtualbox.org/> in your system browser.
- ⇒ This is the website from which you'll download the Virtual Box Setup file.
- ⇒ Click Download Virtual Box, doing so will open the downloads page.
- ⇒ Download the Virtual Box installer.
- ⇒ Run the installer and define the installation options.
- ⇒ So will open the Virtual Box installation window
- ⇒ click yes when prompted.

⇒ Click Install

⇒ Click yes when prompted

⇒ Oracle via Virtual Box 5.2.22 Installation is complete

⇒ Click finish when prompted.

⇒ Get inside the Virtual Box.

⇒ Move to machines and new to create a Virtual machine. (This includes file name, Location and give next).

⇒ Give Next and create a Virtual machine gets created.

⇒ Get into files → tools ⇒ Virtual Media Manager.

⇒ Now our Name of the Virtual Machine's name gets displayed. Double click on the name now we will be able to reallocate the Storage.

⇒ We can only expand the size using Virtual Box.

⇒ Then Oracle virtual will be installed.