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Subject: Virtualization

Assignment - I

VIRTUALIZATION:

It is a technique in which the physical resources of the computer can be used for creating many virtual machines through software called Hypervisor.

VIRTUAL MACHINE

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

Question:

create a virtual machine using type-2 Hypervisor and allocate the required storage allocated to virtual technique.

to create virtual machine

- It follows statement of software doesn't wear out.

creating virtual machine:

Download's

open chrome browser and search virtual box on the search key get in to the website of virtual box.

" <https://www.virtualbox.org> "

on that we had preference of downloads on left side.

on downloads we have many os platform from virtualbox.

Installation's

Run your virtual box as file administrator

Give the positive answer to install your application.

once installation completed, it will take to the main page in which several tools and function will be displayed.

VIRTUAL BOX CREATION:-

Adopt the environment of virtual box and see what we have in application.

To create virtual machine select new option in it.

it will ask for the configuration and type of os that is used to your virtual machine.

once all the properties are set click finish to setup your virtual machine.

Now your virtual machine is ready to use.

for os installation in virtual machine you need to import a ISO file in it.

Expand virtual machine size:-

you need to allocate memory space and processor for vm.

once allocated we can expand the memory afterward but you can not decrease it after allocation.