

CREATE A VIRTUAL MACHINE USING VIRTUAL BOX & APPLY SHRINK AND EXTENSION

Oracle VM Virtual Box is a type 2 Hypervisor for x86 & x64 virtualization developed by Oracle Cooperation.

Virtual Box needs Microsoft Visual C++ 2019 for installation.

Microsoft Visual Studio C++ 2019 :

- ⇒ Search "download VirtualBox" for windows
- ⇒ Select one with x64 bit processor and download it.
- ⇒ Install the download file in your pc.

Virtual Box :

- ⇒ Download Oracle VM Virtual box from Oracle.
- ⇒ choose your OS for downloading
- ⇒ After downloading start installation.
- ⇒ click next.
- ⇒ you can see the feature and the location.
- ⇒ Just click next.
- ⇒ click "yes" for the warning and click next.
- ⇒ Then start to install. After the completion of installation click "Finish".

Now we installed Virtual Box in our pc.

Creating Virtual Machine in Virtual Box :

Let us create a Bare Virtual Machine

1) click "Machine" and choose "new".

2) Give a "name" for VM.

3) If you want to virtualize any other platform, you have to download the required ISO file.

4) click "next"

5) It shows 4 MB, Because the PC's disk storage is 4GB. Just click "next".

6) Now we allocate space for VM and click "next".

7) you can see the summary. click "Finish".

we can see that our Virtual Machine is created.

Shrink and Extension :

1) Select "file" choose "Virtual Media Manager".

2) Select your Virtual Machine and click properties.

3) you can see the allocated space down.

4) If you want to increase or decrease move the header to right or left.

5) we can't shrink the space, but we can extend the space by moving header toward right.

6) click "Apply"

Finally we created virtual machine and applied extension.