

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 Corporation

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

Microsoft Visual Studio C++ 2019:

- ⇒ Search "download microsoft visual c++ 2019" for windows
- ⇒ Select one with x64 bit processor. and download it.
- ⇒ Instal the download file in your PC.

Virtual Box :

- ⇒ Download Oracle VM virtual box from Oracle
- ⇒ Choose your OS for downloading.
- ⇒ After downloading start instalation.
- ⇒ Click next.
- ⇒ You can see the feauture and the location.
- ⇒ Just click next.

⇒ Click "Yes" for the warning and click next
⇒ Then start to instal. 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.

- ⇒ Click "Machine" and choose "new"
 - ⇒ Give a "name" for VM.
 - ⇒ If you want to virtualize any other platform, you have to download the required ISO file.
 - ⇒ Click "next"
 - ⇒ It shows 4 MB, Because the PC's disk storage is 4 GB. Just click "next".
 - ⇒ Now we allocate space for VM and click "next".
 - ⇒ You can see the summary. Click "Finish".
- We can see that Our Virtual Machine is created.

SHRINK and EXTENSION:

- ⇒ Select "file" choose "Virtual media manager".
 - ⇒ Select your virtual machine and click properties.
 - ⇒ You can see the allocated space down.
 - ⇒ If you want to increase or decrease move the header to right or left.
 - ⇒ We can't shrink the space, but we can extend the space by moving header toward right.
 - ⇒ Click "Apply"
- Finally we created virtual machine and applied extension.