

## Lecture 6

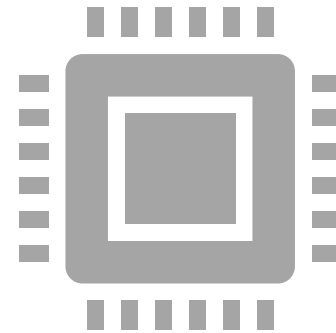
# Implementation of Virtualization

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# Software requirements



VMware workstation Player



ISO files of operating systems  
(Window, Linux)

Before continuing with the installation, follow the step given below.

- **Step 1** – Ensure that hardware virtualization support is turned on in the BIOS settings as shown below –



# Installing VMware Workstation Player

VMware workstation player is a “hosted hypervisor”, so you have to have a pre-installed OS before continuing to install it.

**Step 1** – Download VMware workstation player.

**Step 2** – Install VMware.

# Creating a VM with VMware Workstation

To create a virtual machine, we have to follow the steps given below.

**Step 1** – Click on “Player” → File → New Virtual Machine.

**Step 2** – A table will pop-up requesting you to find a “Boot disk”, “Boot Image” or to install OS at a later stage.

We will choose the second option and click on “Browse”. Then we have to click on the ISO image, which we want to install. Once all this is done, click on “Next”.

**Step 3** – Pop-up a table requesting to enter the serial key → click directly on “Next”, if you want to activate the noncommercial version for Windows. If you don’t want to activate the noncommercial version then proceed without serial key. Click “NEXT”.

**Step 4** – After the above step is complete, a dialogue box opens. Click “Yes”.

**Step 5** – Browse the location for your virtual machine and then click “Next”.

**Step 6** – In the “Maximum size disk” box, enter the value of your virtual Hard disk. Then click on “Next”.

**Step 7** – In next pop-up click on Customize Hardware. Here you select “Bridged: Connected directly to physical network”. You can customize your virtual hardware such as memory, CPU, etc.

**Step 8** – Click on “Finish”.

After that installation is started.

# Thanks