

# Introduction To Install

## A VIRTUAL MACHINE

virtualization does not fully support graphics intensive programs. You may or may not be able to play games or run certain programs using a virtual machine.

RULE 1: Download and Install virtual Box.

Download virtual box from <https://www.virtualbox.org/wiki/Downloads>, select the version for your operating system

RULE 2: Create a virtual machine:

Start virtual box and click on 'New' in the menu. Enter the name of your VM. Name it something meaningful to you. select Type and version. as you are install.

RULE 3: Allocate Memory

this depends on how much memory you have on your host computer.

Never allocate more than memory half of your available RAM.

If you are creating windows at least (1-2 GB) in linux (512 MB)

RULE 4 : setup the hard Drive.

" create a virtual hard drive  
now"

select this one.

If you already have an existing  
VM that you want to add select  
" use an existing virtual hard  
drive file.

RULE 5 : Select Hard Drive File Type  
select 'Vdi' this is usually the  
best option.

The VM will be stored in a single  
file on your computer with the vdi  
extension.

RULE 6: select storage on Physical Hard  
Drive

I choose " Dynamically allocated."  
This will save space on your computer

STEP 7: setup file allocation and  
size

By Default, virtual box selects the  
minimum size you should choose depending  
on what to do with the VM  
you may want to select a bigger  
size.

NOTE: This will take up space  
on your computer. Do not select  
more space than you are willing  
to give the VM.