Creating virtual machine instance using files including .vmdk, .ovf and .mf with the help of Oracle VM virtual box tool.

Virtual Box: Oracle VM Virtual box is free and open source hypervisor. Virtual Box is a cross-platform virtualization application. For one thing, it installs on your existing Intel or AMD-based computers, whether they are running Windows, Mac, Linux or Solaris operating systems. Secondly, it extends the capabilities of your existing computer so that it can run multiple operating systems (inside multiple virtual machines) at the same time. So, for example, you can run Windows and Linux on your Mac, run Windows Server 2008 on your Linux server, run Linux on your Windows PC, and so on, all alongside your existing applications. You can install and run as many virtual machines as you like -- the only practical limits are disk space and memory. Virtual Box is deceptively simple yet also very powerful. It can run everywhere from small embedded systems or desktop class machines all the way up to datacenter deployments and even Cloud environments.

Steps Used to create a VM instance using Virtual box.

With the use of .ovf file

1. Open Virtual Box.
2. Go to file > import appliance
3. Select the .ovf file
4. Configure the vitual settings ( RAM ,CPU, Guest OS type)
5. Click on import
6. Click on start to start your VM instance.

With the use of .vmdk file.

1. Open Virtual Box.
2. Go to File > Virtual Media manager
3. Click on Copy
4. Open .vmdk File
5. Choose Virtual disk file type as VDI ( virtual Disk Image)
6. Select Dynamically allocated
7. Click on copy
8. Go to New.
9. Create VM Name and select OS type and its Version.
10. Select the amount of base memory.
11. Select Use Existing hard disk and choose .vdi file.
12. Click on Create.
13. Click on start to start your VM instance.

Environment use to install the Virtual box tool : Windows 7 x64