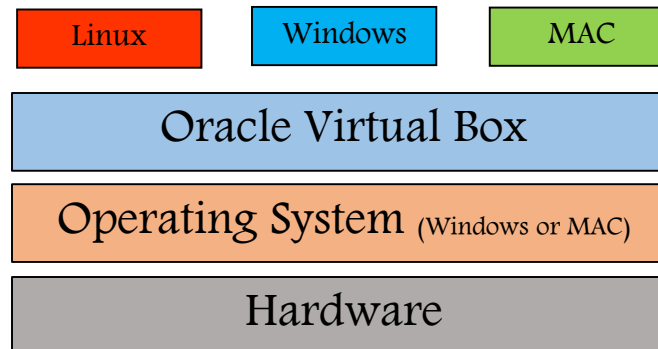


WELCOME TO: MODULE 2

DOWNLOAD, INSTALL AND CONFIGURE LINUX

What is Oracle VirtualBox?

- VirtualBox is a free and open-source hypervisor for x86 computers currently being developed by Oracle Corporation
- It installs on your existing Intel or AMD-based computers, whether they are running Windows, Mac, Linux or Solaris operating systems. It extends the capabilities of your existing computer so that it can run multiple operating systems on one hardware at the same time



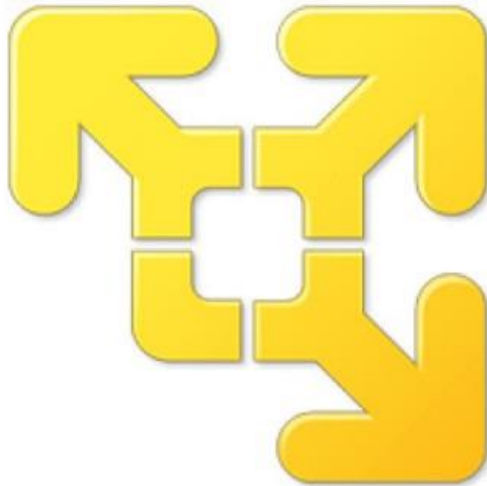
ORACLE VIRTUAL BOX DOWNLOAD AND INSTALLATION



CREATE VIRTUAL MACHINE



VMWARE WORKSTATION PLAYER

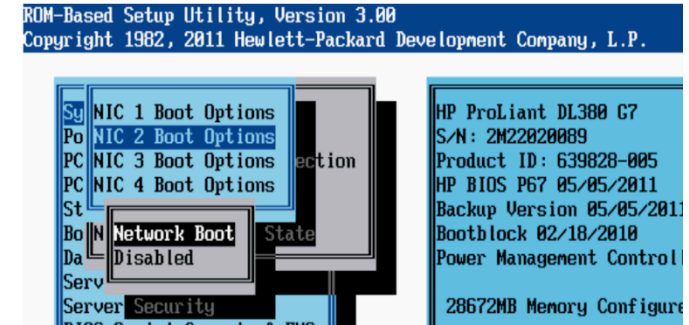
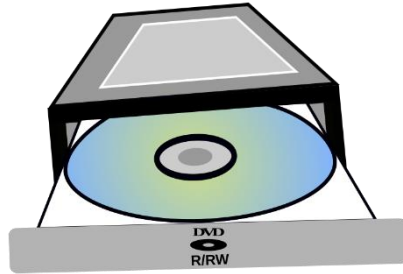


Download, Installation and Configuration

LINUX DISTRIBUTIONS



DIFFERENT WAYS TO INSTALL OS



CENTOS INSTALLATION



NEXT LESSON

REDHAT LINUX INSTALLATION



OPTIONAL

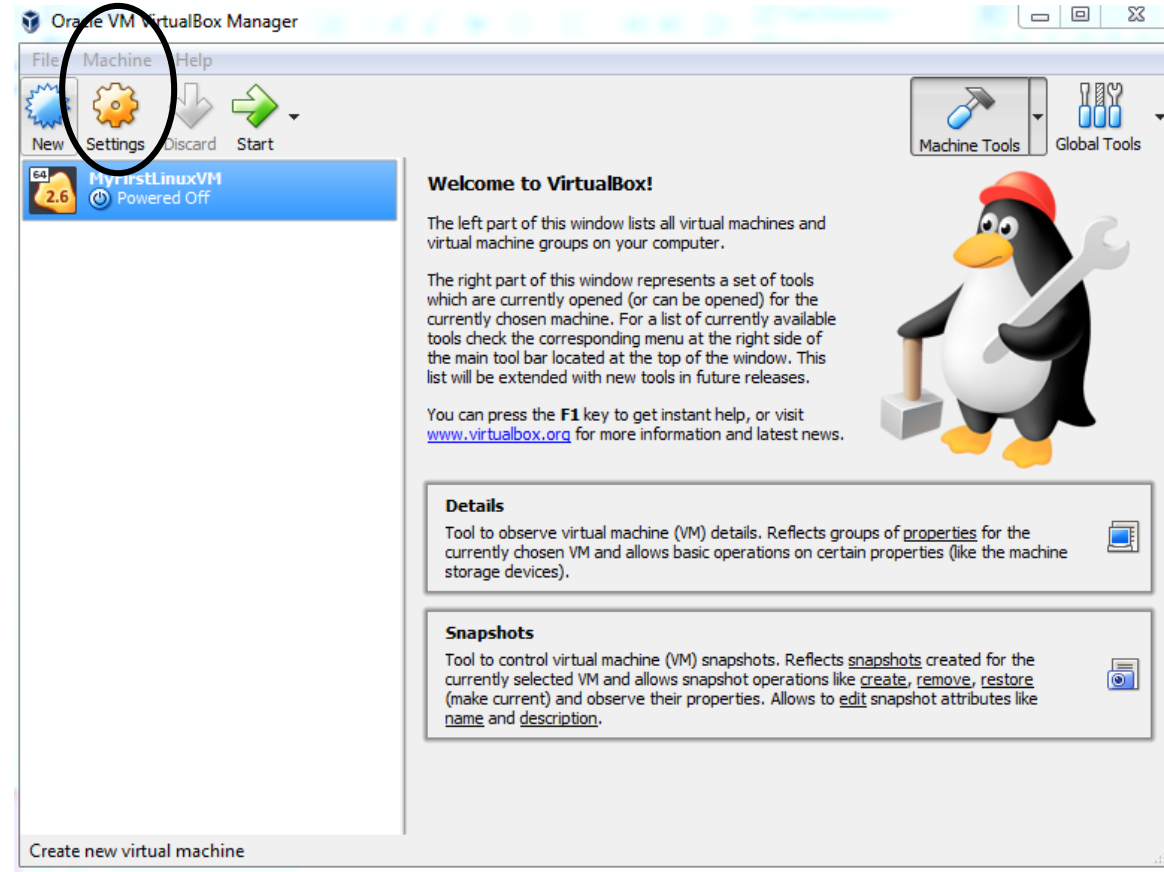
REDHAT LINUX INSTALLATION



LINUX DESKTOP GUI

(GNOME OR KDE)

ORACLE VIRTUAL MACHINE MANAGEMENT



LINUX VS. WINDOWS

| | Linux | Windows |
|---------------|---|---|
| Price | Free | \$\$\$ |
| Ease | Not user-friendly | User friendly |
| Reliability | Very reliable. Often runs for months or years | Often requires reboot |
| Software | Mostly enterprise level softwares | Much larger selection of softwares e.g. office, games, utilities etc. |
| Multi-tasking | Best for multi-tasking | Multi-tasking is available but with very high cpu or memory resources |
| Security | Very secure | Some what secure |
| Open source | Open to public | No an open source OS |

LINUX USERS

- US Government and Agencies (National, State, Federal and International)
- NASA
- Health Care
- The Bullet Trains in Japan runs at the speed of 150–215 m/h
- Traffic Control
- Financial Institutes e.g. NYSE
- Entertainment industries (Cinemas, Production houses etc.)
- World e-commerce leaders, including Amazon, eBay, PayPal, and Walmart run their platform on Linux
- Other fortune 500 companies e.g. Google, IBM, McDonalds, Facebook etc.