**INTRODUCTION:**

LPIC1 + CompTIA Linux+

LPIC1 --> 101,102 V4

Linux+ -->exam LX0-103,LX0-104

**INTEGRATED HARDWARE DEVICE:**

Bios or UEFI

#lsmod

**REMOVABLE DEVICES:**

* Mass Storage Devices
* Cold plug/Hot plug
* lsusb,lspci,dmesg

#lsusb show us usb devices, #usb-devices (vendor code oroduct description off all the usb devices have)

#lspci(pci devices details that are plugged in)

#dmesg(system startup logs)

plug in usb device and again dmesg

#dmesg (Display system events)

sdb usb is attached in logs

#lsusb

#usb-devices

**DEALING WITH DEVICES:**

* procfs
* sysfs
* udev
* dbus

Procfs:

Everthing is a file system

/proc/

virtual file system

have process information

kernal also

sysfs:

system information about system devices plugged in al of them.

specifically system devices

udev:

storing device info of DEV folder

Dbus:

handled devices statnderd way signaling sysetm somthing plug in signal.