

# Troubleshooting with Ubuntu

## **0. Understanding the OS Ubuntu and its needs.**

### **1. OS automatically crashed**

1.1 Reasons for OS crashed

1.2 Troubleshooting the OS crashed

1.3 Recover the OS crashed

1.4 Labs

### **2. Updating of applications like Chrome etc.**

2.1 How to use package updater

2.2 How to create repository

2.3 How to update packages

2.4 How to update packages via cron

2.5 Labs

### **3. System Boot issues**

3.1 Reasons for Boot issues

3.2 How to recover from Boot issues

3.3 How to recover root Password

3.4 Labs

### **4. Busybox error**

4.1 Reasons for BusyBox error

4.2 How to recover the busybox error

4.3 Labs

## **5. Wi-Fi Lan driver updating issues**

5.1 Understanding PCI

5.2 Understanding USB wireless adaptor

5.3 Checking of PCMCIA devices

5.4 Fixing the wifi lan driver

5.5 Labs

## **6. System hardware utilization check**

6.1 Understanding the monitoring tools

6.2 Understanding the monitoring commands

6.3 Understanding the top command

6.4 Labs

## **7. System hardware utilization check**

7.1 Use of System Resources

7.2 Use of Monitoring tools for System Resources

7.3 Understanding the concept of System Resources

7.4 Labs

## **8. Network troubleshooting**

8.1 Understanding Networking concepts.

8.2 Understanding the difference between IPV4 and IPV6

8.3 Understanding the different concepts for Networking with networking Tools

8.4 Labs