

Session 10: Linux Security

(3 Hrs.)

Content (1.5 Hrs.)

1. TASK :Kali Linux Installation

Step 1: Setup Virtual Box

Step 2: Download Kali 64 bit (ISO I Torrent)

- Open Virtual Box
- Create Virtual Machine
 - Name: Kali Linux 2017
 - Type: Linux
 - Version: Debian (64 bit)
 - Press Next
 - Memory Size: 1.5 GB
 - Press Next
 - Hard Disk
 - Create a virtual Hard Disk now
 - Press Create
 - Hard Disk File Type
 - VDI (VirtualBox Disk Image)
 - Press Next
 - Storage on Physical Hard Disk
 - Dynamicaly Alocated
 - Press Next
 - File location & Size
 - location: Kali Linux 2017
 - Size: 40 GB
 - Press Create
- Settings
 - System -> Motherboard -> Deselect Floppy
 - > Processor -> 2 -> Enable PAE/NX ->Ok
- Press OK
- Click Start
- Select Startup Disk
 - ISO File Chose (Kali Linux 2017.1-amd64.iso)
 - Press Start
- Kali 2017(Running)
 - Install -> Press Enter in Keyboard
 - Language: English
 - Country: Bangladesh
 - Configure the Keyboard: American English
 - Press Enter
 - Configure the Network (Kali)
 - Continue (Press Enter)
 - Domain Name (not important, so press Enter)
 - Root Password (this is very Important)
 - Make a strong password
 - Continue (Press Enter)
 - Partition Disk
 - Use entire Disk
 - Enter

```
-Enter
-Partition scam (All File in One Pirtion)
-Enter
-Finish Partitioning & Write Changes to Disk
-Yes
-Configure the Package Manager
-Yes
-HTTP Proxy (If I don't want -> Continue)
-If downloading a file failed ->Ignore
-Enter
-Install The GRUB Boot Loader
-Yes
-/dev/sda
-Enter
-Chose (*kali GNU/Linux)
-Enter
-User Name: root
-Password:
-Press Sign In
```

2. TASK :Trity Framework Installation

```
COMMAND : cd Downloads
git clone github_link
ls
cd Trity
ls
chmod +x install.py
python install.py
```

```
SELECT 1
SELECT y
SELECT y
```

```
ls
chmod +x run.sh
./run.sh
yes
```

```
help
```

3. TASK :Setoolkit Framework Installation

```
command# setoolkit
1
2
3
2
Own ip address
Clone url
```

Task (1.5 Hrs.)

1. Find a location of a website.
2. Find a ip address of a website.
3. Create a Payload Virus using.
4. Check a website whether it is vulnerable or not.
5. What are the configuration you did when install kali Linux.