

===== PYTHON =====

Install:

```
cd ~  
apt install python  
apt install git
```

Install Add-Ons:

```
apt install python-pip  
pip2 install pycrypto :: used by pluggin hashdump in order to extract the hash from Registry  
pip2 install distorm3 :: used by pluggin pslist in order to extract process information
```

===== AVML =====

Install:

```
wget https://github.com/microsoft/avml/releases/download/v0.3.0/avml  
file avml (to check file type)  
chmod 755 avml (to make it executable)
```

Make a memory Dump:

```
df -h (to check HDD space available)  
sudo ./avml memory.dmp (to make memory dump)  
strings memory.dmp | grep -i 'MESSAGE=Linux version ' | uniq  
(to verify Linux Kernel version)
```

===== LIME =====

Install:

```
sudo -s  
cd ~  
git clone https://github.com/504ensicsLabs/LiME.git  
make -C LiME/src
```

Make a memory Dump:

```
cd LiME/src  
ll  
uname -r (to check current Linux Kernel version)  
  
insmod lime-$(uname -r).ko "path=/tmp/mem.lime format=lime"  
mkdir Dumps  
cp /tmp/mem.lime ~/Dumps/mem.lime
```

===== DWARFDUMP =====

Install:

```
# sudo -s  
cd ~  
apt install dwarfdump
```

===== VOLATILITY =====

Install:

```
sudo -s  
cd ~  
git clone https://github.com/volatilityfoundation/volatility.git  
make -C volatility/tools/linux
```

```
zip volatility/volatility/plugins/overlays/linux/Ubuntu.zip  
~/volatility/tools/linux/module.dwarf /boot/System.map-$(uname -r)
```