MIDA Multitool

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iSEC
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About MIDA

- MIDA is a Bash script purposed for system enumeration, vulnerability identification and privilege escalation
- Aims to be a comprehensive assistant for operations and utilities related to system enumeration, vulnerability identification, exploitation and privilege escalation

MIDA - Multitool

Testing Environment

- Kali Linux 2017

```
root@kali2017:~# cat /etc/*rel*
DISTRIB_ID=Kali
DISTRIB_RELEASE=kali-rolling
DISTRIB_CODENAME=kali-rolling
DISTRIB_DESCRIPTION="Kali GNU/Linux Rolling"
PRETTY_NAME="Kali GNU/Linux Rolling"
NAME="Kali GNU/Linux"
ID=kali
VERSION="2017.2"
VERSION_ID="2017.2"
ID_LIKE=debian
ANSI_COLOR="1;31"
HOME_URL="http://www.kali.org/"
SUPPORT_URL="http://forums.kali.org/"
BUG_REPORT_URL="http://bugs.kali.org/"
```

Installing MIDA

- Download GitHub repository

```
root@kali2017:~# git clone https://github.com/NullArray/MIDA-Multitool.git
Cloning into 'MIDA-Multitool'...
remote: Counting objects: 77, done.
remote: Total 77 (delta 0), reused 0 (delta 0), pack-reused 77
Unpacking objects: 100% (77/77), done.
```

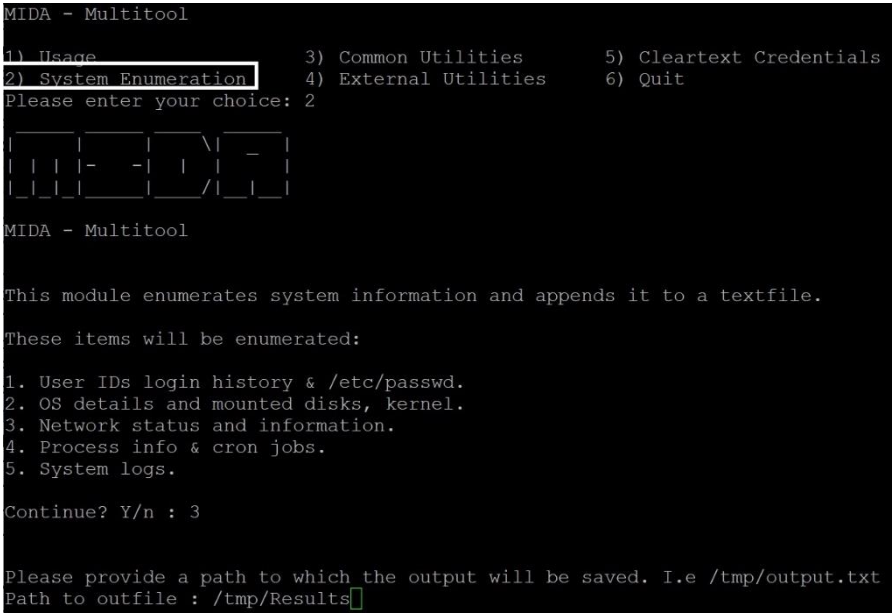
Using MIDA

- Running mida.sh

```
root@kali2017:~# cd MIDA-Multitool/
root@kali2017:~/MIDA-Multitool# chmod +x mida.sh
root@kali2017:~/MIDA-Multitool# ./mida.sh
 _____ _____ _____ _____
|     |     |    \|  _  |
| | | |-   -|  |  |     |
|_|_|_|_____|____/|__|__|

MIDA - Multitool

1) Usage                    3) Common Utilities       5) Cleartext Credentials
2) System Enumeration       4) External Utilities     6) Quit
Please enter your choice:
```

Using MIDA

- Mida.sh System enumeration



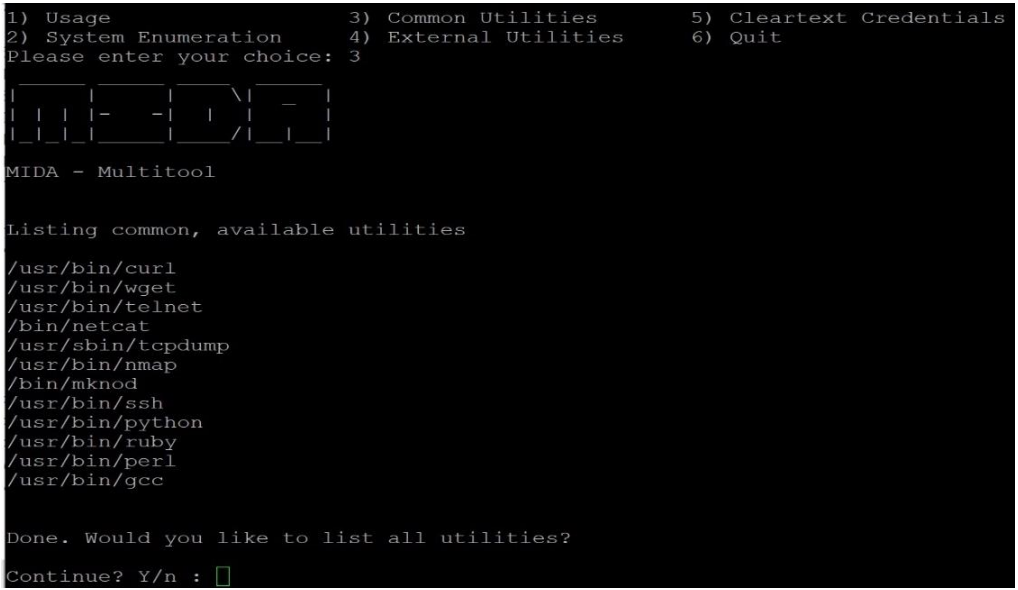
Using MIDA

- mida.sh System enumeration

```
Network status & info

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.10.12  netmask 255.255.255.0  broadcast 192.168.10.255
        inet6 fe80::20c:29ff:fe73:aa2e  prefixlen 64  scopeid 0x20<link>
        ether 00:0c:29:73:aa:2e  txqueuelen 1000  (Ethernet)
        RX packets 133931  bytes 148796468 (141.9 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 76950  bytes 21316061 (20.3 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

eth1: flags=4098<BROADCAST,MULTICAST>  mtu 1500
        ether 00:0c:29:73:aa:38  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

eth2: flags=4098<BROADCAST,MULTICAST>  mtu 1500
        ether 00:0c:29:73:aa:42  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 31  bytes 2778 (2.7 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 31  bytes 2778 (2.7 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0



Address                  HWtype  HWaddress           Flags Mask            Iface
192.168.10.21            ether   00:0c:29:a5:1c:b2   C                     eth0
192.168.10.15            ether   48:51:b7:15:98:cf   C                     eth0
_gateway                 ether   1c:b1:7f:e1:4b:d4   C                     eth0
```

Using MIDA

- mida.sh Common Utilities



References

- Kitploit
http://www.kitploit.com/2017/10/mida-multitool-bash-script-purposed-for.html

- Kali Linux
https://www.kali.org/downloads/

- GitHub
https://github.com/NullArray/MIDA-Multitool