

Paul Gurke

Project: Pentest Lab Setup

--- Sat 03/28/2020 13:41:34.91 ---

VM Configuration Details:

OS: Kali-2020.1b

Hard Drive: 20 GB

RAM: 2GB

Kali-2020-1b - VMware Workstation

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	1
Hard Disk (SCSI)	20 GB
CD/DVD (IDE)	Using file D:\UAT\ISOs\kali-lin...
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Memory

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 2048 MB

64 GB -
32 GB -
16 GB -
8 GB -
4 GB -
2 GB -
1 GB -

512 MB -
256 MB -
128 MB -
64 MB -
32 MB -
16 MB -
8 MB -
4 MB -

- Maximum recommended memory (Memory swapping may occur beyond this size.) 13.4 GB
- Recommended memory 2 GB
- Guest OS recommended minimum 1 GB

Add... Remove

OK Cancel Help

--- Sat 03/28/2020 13:45:43.29 ---

IP: 192.168.206.128/24

Gateway: 192.168.206.2

```
root@kali-2020-1b:~# netstat -rn
Kernel IP routing table
Destination      Gateway          Genmask         Flags   MSS Window  irtt  Iface
0.0.0.0          192.168.206.2  0.0.0.0        UG      0  0        0     eth0
192.168.206.0   0.0.0.0         255.255.255.0  U       0  0        0     eth0
root@kali-2020-1b:~# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.206.128 netmask 255.255.255.0 broadcast 192.168.206.255
    inet6 fe80::20c:29ff:febf:8d84 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:bf:8d:84 txqueuelen 1000 (Ethernet)
    RX packets 1252 bytes 118318 (115.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4203 bytes 259593 (253.5 KiB)
    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 24 bytes 1196 (1.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 24 bytes 1196 (1.1 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

--- Sat 03/28/2020 13:47:26.98 ---

UAT.edu IP: 104.169.248.208

```
root@kali-2020-1b:~# man host
root@kali-2020-1b:~# host uat.edu
uat.edu has address 104.196.248.208
uat.edu mail is handled by 0 uat-edu.mail.protection.outlook.com.
root@kali-2020-1b:~#
```

```
root@kali-2020-1b:~# dig uat.edu

; <<>> DiG 9.11.16-2-Debian <<>> uat.edu
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 31970
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags;; MBZ: 0x0005, udp: 4096
;; QUESTION SECTION:
;uat.edu.                IN      A

;; ANSWER SECTION:
uat.edu.                5       IN      A      104.196.248.208

;; Query time: 1 msec
;; SERVER: 192.168.206.2#53(192.168.206.2)
;; WHEN: Sat Mar 28 13:48:07 EDT 2020
;; MSG SIZE rcvd: 52
```

--- Sat 03/28/2020 13:51:00.57 ---

No updates post Kali install (completed during the installation process).

```
root@kali-2020-1b:~# apt update && apt full-upgrade
Hit:1 http://kali.download/kali kali-rolling InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@kali-2020-1b:~# █
```

--- Sat 03/28/2020 13:58:01.57 ---

Output of curl -v <http://www.uat.edu>

```
root@kali-2020-1b:~/stuff# curl -v http://www.uat.edu 2>&1
* Trying 104.196.248.208:80 ...
* TCP_NODELAY set
* Connected to www.uat.edu (104.196.248.208) port 80 (#0)
> GET / HTTP/1.1
> Host: www.uat.edu
> User-Agent: curl/7.68.0
> Accept: */*
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 301 Moved Permanently
< Server: nginx
< Date: Sat, 28 Mar 2020 17:57:29 GMT
< Content-Type: text/html
< Content-Length: 162
< Connection: keep-alive
< Location: https://www.uat.edu/
<
<html>
<head><title>301 Moved Permanently</title></head>
<body>
<center><h1>301 Moved Permanently</h1></center>
<hr><center>nginx</center>
</body>
</html>
* Connection #0 to host www.uat.edu left intact
root@kali-2020-1b:~/stuff# █
```