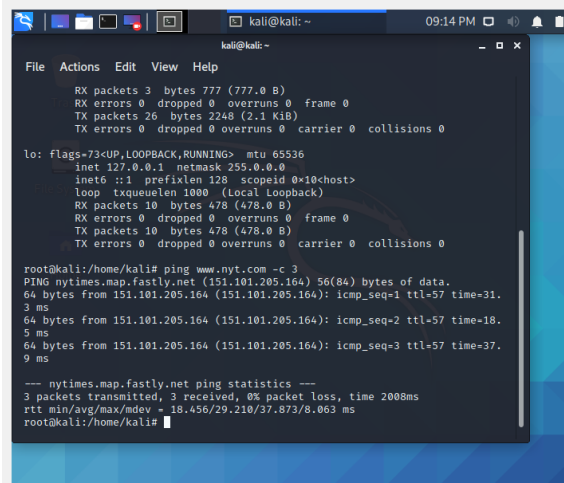


Assignment 1 – Creating Kali and Metasploitable VMs

- This is an individual assignment, and worth 20 points.
- The due date and time is 2:30 (Sec 01) / 5:30 (Sec 76) on Thursday, September 3
- You need to provide your outcomes to the “Homework1-Outcome.docx.” Change the file name following the naming convention. The naming convention is as follows: homework, hyphen, last name, first initial, and extension (e.g., Homework1-lmG.docx). If you do not follow the convention, I will deduct 1.
- Make screenshots small so that you can save space.
- Do not copy the screenshots that are provided below. Collaboration is allowed for troubleshooting, but students should do their own work.

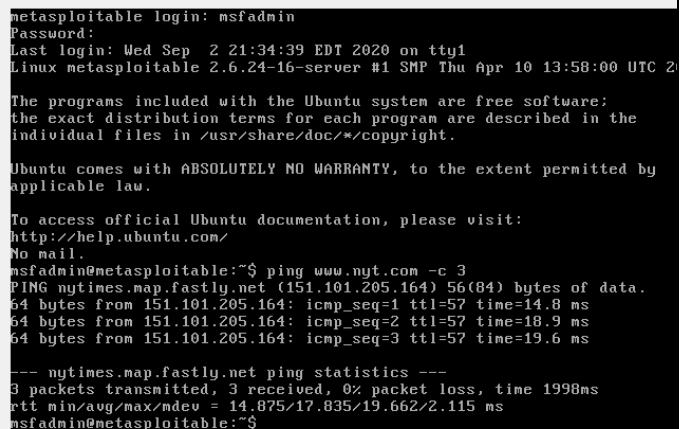
Tasks

(Task 1) Provide a screenshot #1.



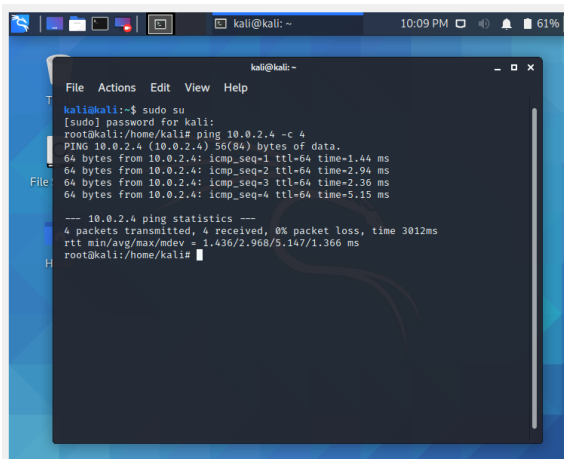
```
kali@kali: ~  
File Actions Edit View Help  
RX packets 3 bytes 777 (777.0 B)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 26 bytes 2248 (2.1 KiB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
lo: Flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
inet 127.0.0.1 netmask 255.0.0.0  
inet6 ::1 prefixlen 128 scopeid 0<host>  
loop txqueuelen 1000 (Local Loopback)  
RX packets 10 bytes 478 (478.0 B)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 10 bytes 478 (478.0 B)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
root@kali:/home/kali# ping www.nytimes.com -c 3  
PING nytimes.map.fastly.net (151.101.205.164) 56(84) bytes of data.  
64 bytes from 151.101.205.164: icmp_seq=1 ttl=57 time=31.3 ms  
64 bytes from 151.101.205.164: icmp_seq=2 ttl=57 time=18.5 ms  
64 bytes from 151.101.205.164: icmp_seq=3 ttl=57 time=37.9 ms  
--- nytimes.map.fastly.net ping statistics ---  
3 packets transmitted, 3 received, 0% packet loss, time 2008ms  
rtt min/avg/max/ndev = 18.456/29.210/37.873/8.863 ms  
root@kali:/home/kali#
```

(Task 2) Provide a screenshot #2.



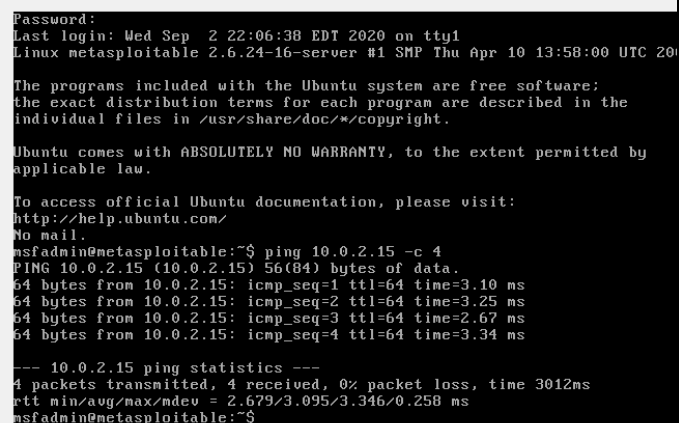
```
metasploitable login: msfadmin  
Password:  
Last login: Wed Sep 2 21:34:39 EDT 2020 on tty1  
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2009  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/*copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To access official Ubuntu documentation, please visit:  
http://help.ubuntu.com/  
No mail.  
msfadmin@metasploitable:~$ ping www.nytimes.com -c 3  
PING nytimes.map.fastly.net (151.101.205.164) 56(84) bytes of data.  
64 bytes from 151.101.205.164: icmp_seq=1 ttl=57 time=14.8 ms  
64 bytes from 151.101.205.164: icmp_seq=2 ttl=57 time=18.9 ms  
64 bytes from 151.101.205.164: icmp_seq=3 ttl=57 time=19.6 ms  
--- nytimes.map.fastly.net ping statistics ---  
3 packets transmitted, 3 received, 0% packet loss, time 1998ms  
rtt min/avg/max/ndev = 14.875/17.835/19.662/2.115 ms  
msfadmin@metasploitable:~$
```

(Task 3) Provide a screenshot #3.



```
kali@kali: ~  
File Actions Edit View Help  
kali@kali:~$ sudo su  
[sudo] password for kali:  
root@kali:/home/kali# ping 10.0.2.4 -c 4  
PING 10.0.2.4 (10.0.2.4) 56(84) bytes of data.  
64 bytes from 10.0.2.4: icmp_seq=1 ttl=64 time=1.44 ms  
64 bytes from 10.0.2.4: icmp_seq=2 ttl=64 time=2.94 ms  
64 bytes from 10.0.2.4: icmp_seq=3 ttl=64 time=2.36 ms  
64 bytes from 10.0.2.4: icmp_seq=4 ttl=64 time=5.15 ms  
--- 10.0.2.4 ping statistics ---  
4 packets transmitted, 4 received, 0% packet loss, time 3012ms  
rtt min/avg/max/ndev = 1.436/2.968/5.147/1.366 ms  
root@kali:/home/kali#
```

(Task 4) Provide a screenshot #4.



```
metasploitable login: msfadmin  
Password:  
Last login: Wed Sep 2 22:06:38 EDT 2020 on tty1  
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2009  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/*copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To access official Ubuntu documentation, please visit:  
http://help.ubuntu.com/  
No mail.  
msfadmin@metasploitable:~$ ping 10.0.2.15 -c 4  
PING 10.0.2.15 (10.0.2.15) 56(84) bytes of data.  
64 bytes from 10.0.2.15: icmp_seq=1 ttl=64 time=3.10 ms  
64 bytes from 10.0.2.15: icmp_seq=2 ttl=64 time=3.25 ms  
64 bytes from 10.0.2.15: icmp_seq=3 ttl=64 time=2.67 ms  
64 bytes from 10.0.2.15: icmp_seq=4 ttl=64 time=3.34 ms  
--- 10.0.2.15 ping statistics ---  
4 packets transmitted, 4 received, 0% packet loss, time 3012ms  
rtt min/avg/max/ndev = 2.679/3.095/3.346/0.258 ms  
msfadmin@metasploitable:~$
```