

UNIVERSIDAD AUTONOMA
DEL ESTADO DE MEXICO



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TAREA:
HABILITACION DE SSH, HTTP Y HTTPS

SISTEMAS OPERATIVOS

7MO SEMESTRE

20/09/2025

```
karli@KARLA: ~  
karli@KARLA:~$ sudo ufw status numbered  
[sudo] password for karli:  
Status: active  
  
To Action From  
--  
[ 1] 22/tcp ALLOW IN Anywhere  
[ 2] 2222 ALLOW IN Anywhere  
[ 3] 80/tcp ALLOW IN Anywhere  
[ 4] 443 ALLOW IN Anywhere  
[ 5] 6000:6007/tcp ALLOW IN Anywhere  
[ 6] 6000:6007/udp ALLOW IN Anywhere  
[ 7] Anywhere DENY IN 192.178.56.78  
[ 8] 22 ALLOW IN 203.0.113.0/24  
[ 9] Anywhere ALLOW IN 192.178.56.0/24  
[10] Anywhere ALLOW IN 192.178.56.78/31  
[11] 22 ALLOW IN 192.178.52.172/30  
[12] 80 on eth0 ALLOW IN Anywhere  
[13] 22/tcp (v6) ALLOW IN Anywhere (v6)  
[14] 22 (v6) ALLOW IN Anywhere (v6)  
[15] 2222 (v6) ALLOW IN Anywhere (v6)  
[16] 80/tcp (v6) ALLOW IN Anywhere (v6)  
[17] 443 (v6) ALLOW IN Anywhere (v6)  
[18] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)  
[19] 6000:6007/udp (v6) ALLOW IN Anywhere (v6)  
[20] 80 (v6) on eth0 ALLOW IN Anywhere (v6)
```

```
karli@KARLA: ~  
[ 5] 6000:6007/tcp ALLOW IN Anywhere  
[ 6] 6000:6007/udp ALLOW IN Anywhere  
[ 7] Anywhere DENY IN 192.178.56.78  
[ 8] 22 ALLOW IN 203.0.113.0/24  
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[14] 22 (v6) ALLOW IN Anywhere (v6)  
[15] 2222 (v6) ALLOW IN Anywhere (v6)  
[16] 80/tcp (v6) ALLOW IN Anywhere (v6)  
[17] 443 (v6) ALLOW IN Anywhere (v6)  
[18] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)  
[19] 6000:6007/udp (v6) ALLOW IN Anywhere (v6)  
[20] 80 (v6) on eth0 ALLOW IN Anywhere (v6)  
  
karli@KARLA:~$ sudo ufw status | grep -E '(22|2222|80|443)\s'  
2222 ALLOW Anywhere  
443 ALLOW Anywhere  
22 ALLOW 203.0.113.0/24  
22 ALLOW 192.178.52.172/30  
80 on eth0 ALLOW Anywhere  
22 (v6) ALLOW Anywhere (v6)  
2222 (v6) ALLOW Anywhere (v6)  
443 (v6) ALLOW Anywhere (v6)  
80 (v6) on eth0 ALLOW Anywhere (v6)  
karli@KARLA:~$
```

```
karli@KARLA:~$ ss -tlnp | grep :443  
LISTEN 0 511 0.0.0.0:443 0.0.0.0:*  
LISTEN 0 511 [::]:443 [::]:*  
karli@KARLA:~$
```

```
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx  
karli@KARLA:~$ ss -tlnp | grep :80  
LISTEN 0 511 0.0.0.0:80 0.0.0.0:*  
LISTEN 0 511 [::]:80 [::]:*  
karli@KARLA:~$
```

```
root@KARLA: ~  
karli@KARLA:~$ sudo -i  
[sudo] password for karli:  
root@KARLA:~# nano /etc/ssh/sshd_config  
root@KARLA:~# systemctl daemon-reload  
root@KARLA:~# systemctl restart ssh  
root@KARLA:~# ss -tlnp | grep -E ':(22|2222)'  
LISTEN 0      4096      0.0.0.0:22      0.0.0.0:*      users:(("sshd",pid=1613,fd=3),("systemd",pid=1,fd=158))  
root@KARLA:~# nano /etc/ssh/sshd_config  
root@KARLA:~# systemctl daemon-reload  
root@KARLA:~# systemctl restart ssh.socket  
root@KARLA:~# ss -tlnp | grep 2222  
LISTEN 0      4096      0.0.0.0:2222   0.0.0.0:*      users:(("sshd",pid=1675,fd=3),("systemd",pid=1,fd=62))
```

```
GNU nano 7.2 /etc/ssh/sshd_config *  
# configuration must be re-generated after changing Port, AddressFamily, or  
# ListenAddress.  
#  
# For changes to take effect, run:  
#  
#   systemctl daemon-reload  
#   systemctl restart ssh.socket  
#  
Port 22  
Port 2222  
#AddressFamily any  
ListenAddress 0.0.0.0  
PermitRootLogin yes  
PasswordAuthentication yes  
#ListenAddress ::  
  
#HostKey /etc/ssh/ssh_host_rsa_key  
#HostKey /etc/ssh/ssh_host_ecdsa_key  
#HostKey /etc/ssh/ssh_host_ed25519_key  
  
# Ciphers and keying  
#RekeyLimit default none  
  
# Logging  
#SyslogFacility AUTH  
#LogLevel INFO  
  
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo      M-A Set Mark  
^X Exit      ^R Read File  ^_ Replace    ^U Paste      ^J Justify    ^/_ Go To Line M-E Redo      M-C Copy
```