

Question 1:

```
[nadasamir@SYSADMIN ~]$ systemctl mask iptables
Unit iptables.service does not exist, proceeding anyway.
Created symlink /etc/systemd/system/iptables.service → /dev/null.
[nadasamir@SYSADMIN ~]$ systemctl mask ip6tables
Unit ip6tables.service does not exist, proceeding anyway.
Created symlink /etc/systemd/system/ip6tables.service → /dev/null.
[nadasamir@SYSADMIN ~]$
```

Question 2:

```
[nadasamir@SYSADMIN ~]$ systemctl status firewalld.service
● firewalld.service - firewalld - dynamic firewall daemon
   Loaded: loaded (/usr/lib/systemd/system/firewalld.service; enabled; vendor preset: enabled)
   Active: active (running) since Thu 2023-08-10 08:55:03 EET; 1 day 5h ago
     Docs: man:firewalld(1)
   Main PID: 842 (firewalld)
    Tasks: 2 (limit: 4364)
   Memory: 776.0K
      CPU: 722ms
   CGroup: /system.slice/firewalld.service
           └─842 /usr/bin/python3 -s /usr/sbin/firewalld --nofork --nopid
```

Question 3:

```
[nadasamir@SYSADMIN ~]$ firewall-cmd --get-default-zone
public
[nadasamir@SYSADMIN ~]$
```

Question 4:

```
[nadasamir@SYSADMIN ~]$ firewall-cmd --list-all --zone=public
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: ens33
  sources:
  services: cockpit dhcpv6-client ssh
  ports:
  protocols:
  forward: yes
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
```

Question 5:

```
Rich Rules:  
[nadasamir@SYSADMIN ~]$ firewall-cmd --permanent --zone=public --add-port=8680/tcp  
success  
[nadasamir@SYSADMIN ~]$
```

Question 6:

```
[nadasamir@SYSADMIN ~]$ sudo firewall-cmd --reload  
[sudo] password for nadasamir:  
success  
[nadasamir@SYSADMIN ~]$
```

Question 7:

```
[nadasamir@SYSADMIN ~]$ sudo firewall-cmd --permanent --zone=public --add-rich-rule=  
'rule family="ipv4" source address="192.168.110.0/24" service name="ssh" accept'  
success  
[nadasamir@SYSADMIN ~]$
```

Question 8:

```
[nadasamir@SYSADMIN ~]$ sudo firewall-cmd --permanent --zone=public --add-rich-rule=  
'rule family="ipv4" source address="192.168.110.100" service name="ssh" accept'  
success  
[nadasamir@SYSADMIN ~]$
```