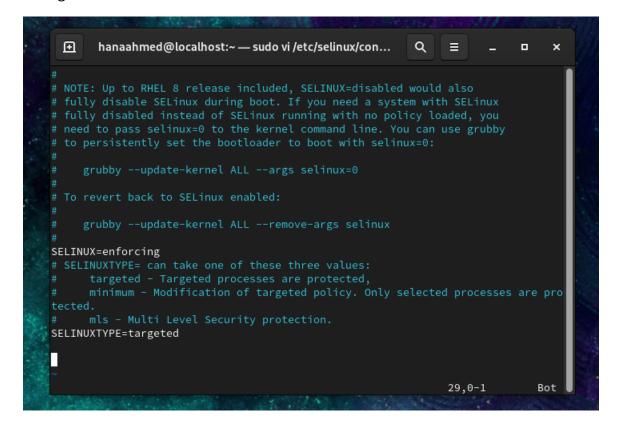
1. What command would you use to check the current status of SELinux?

```
ⅎ
                             hanaahmed@localhost:~
                                                                        ×
[hanaahmed@localhost ~]$ sestatus
SELinux status:
                               enabled
SELinuxfs mount:
                               /sys/fs/selinux
SELinux root directory:
                               /etc/selinux
Loaded policy name:
                               targeted
Current mode:
                               enforcing
Mode from config file:
                               enforcing
Policy MLS status:
                               enabled
Policy deny_unknown status:
                              allowed
                               actual (secure)
Memory protection checking:
Max kernel policy version:
                               33
[hanaahmed@localhost ~]$
```

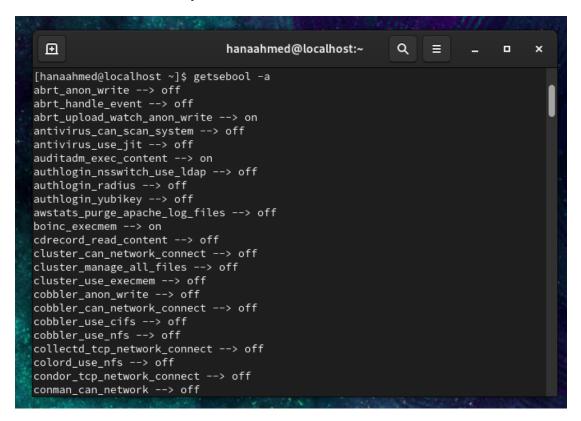
2. How can you view the SELinux mode (enforcing, permissive, or disabled)?

```
[hanaahmed@localhost ~]$ getenforce
Enforcing
```

- 3. What command would you use to temporarily set SELinux to permissive mode? [hanaahmed@localhost ~]\$ sudo setenforce 0 [sudo] password for hanaahmed:
- 4. How do you permanently set SELinux to enforcing mode by editing the configuration file?



5. What command would you use to list all SELinux booleans?

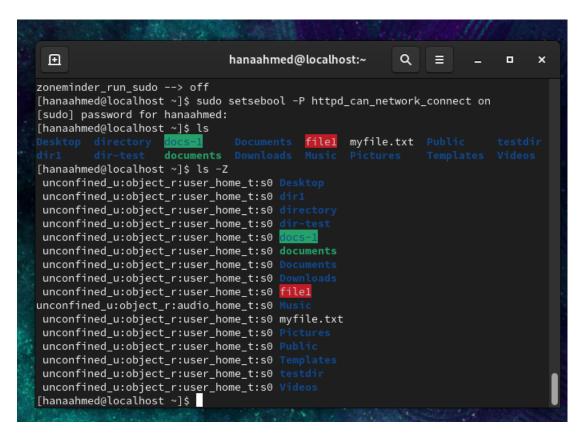


6. How can you enable a specific SELinux boolean (e.g.,

httpd_can_network_connect)?

[hanaahmed@localhost ~]\$ sudo setsebool -P httpd_can_network_connect on [sudo] password for hanaahmed:

7. What command would you use to check the SELinux context of a file?



8. How can you change the SELinux context of a file to a specific type (e.g.,

httpd_sys_content_t)?

hanaahmed@localhost ~]\$ touch file-test

[hanaahmed@localhost ~]\$ sudo chcon -t httpd_sys_content_t file-test

9. What command can be used to restore the default SELinux context of files in a directory?

[hanaahmed@localhost ~]\$ sudo restorecon -Rv directory

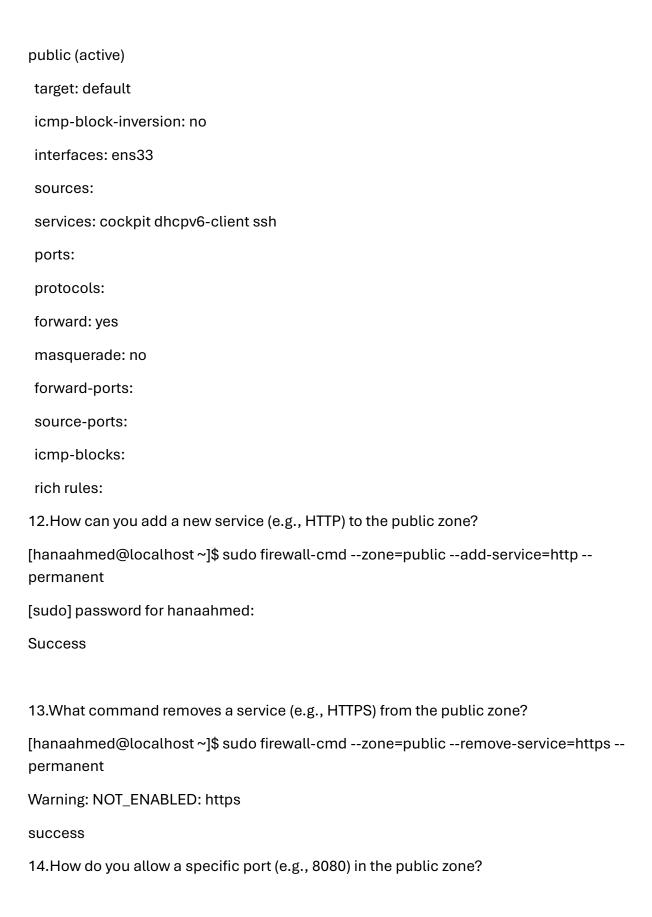
10. How do you list all active zones in firewalld?

[hanaahmed@localhost ~]\$ firewall-cmd --get-active-zones public

[hanaahmed@localhost ~]\$ firewall-cmd --zone=public --list-all

interfaces: ens33

11. What command would you use to view the current rules in the public zone?



[hanaahmed@localhost ~]\$ sudo firewall-cmd --zone=public --add-port=8080/tcp --permanent

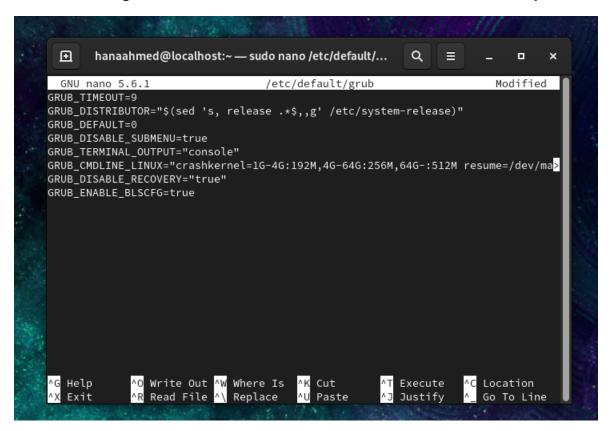
success

15. How can you view the default zone used by firewalld?

 $[han a a hmed@localhost\,\sim]\$\ firewall-cmd\ --get-default-zone$

public

16. How to change the GRUB timeout value? How to set the default boot entry in GRUB?



17. How to regenerate the GRUB configuration file after modifying /etc/default/grub? [hanaahmed@localhost ~]\$ sudo grub2-mkconfig -o /boot/grub2/grub.cfg

[sudo] password for hanaahmed:

Generating grub configuration file ...

Adding boot menu entry for UEFI Firmware Settings ...

done