

Institute of Computer Technology
B. Tech Computer Science and Engineering
Subject: BOSS (2CSE204)
PRACTICAL-7

AIM: - To learn about controlling Services and Daemons in linux.

Commands

Systemctl – It is used to manage services and controlling it in linux.

Exercise:

1. Switch to root user, Start the psacct service.

SOLUTION

```

CentOS 8 64-bit - VMware Workstation
File Edit View VM Tabs Help
CentOS 8 64-bit
Activities Applications Terminal May 20 09:46
root@localhost:~#
[yashpral10@localhost ~]$ su -
Password:
[root@localhost ~]# systemctl status psacct
● psacct.service - Kernel process accounting
   Loaded: loaded (/usr/lib/systemd/system/psacct.service; disabled; vendor preset: disabled)
   Active: inactive (dead)
[root@localhost ~]# systemctl start psacct
[root@localhost ~]# systemctl status psacct
● psacct.service - Kernel process accounting
   Loaded: loaded (/usr/lib/systemd/system/psacct.service; disabled; vendor preset: disabled)
   Active: active (exited) since Thu 2021-05-20 09:46:01 IST; 1s ago
     Process: 3212 ExecStart=/usr/sbin/accton /var/account/pacct (code=exited, status=0/SUCCESS)
     Process: 3210 ExecStartPre=/usr/libexec/psacct/accton-create (code=exited, status=0/SUCCESS)
    Main PID: 3212 (code=exited, status=0/SUCCESS)

May 20 09:46:01 localhost.localdomain systemd[1]: Starting Kernel process accounting...
May 20 09:46:01 localhost.localdomain accton[3212]: Turning on process accounting, file set to '/var/account/pacct'.
May 20 09:46:01 localhost.localdomain systemd[1]: Started Kernel process accounting.
[root@localhost ~]#
  
```

2. Configure the psacct service to start at system boot.

SOLUTION

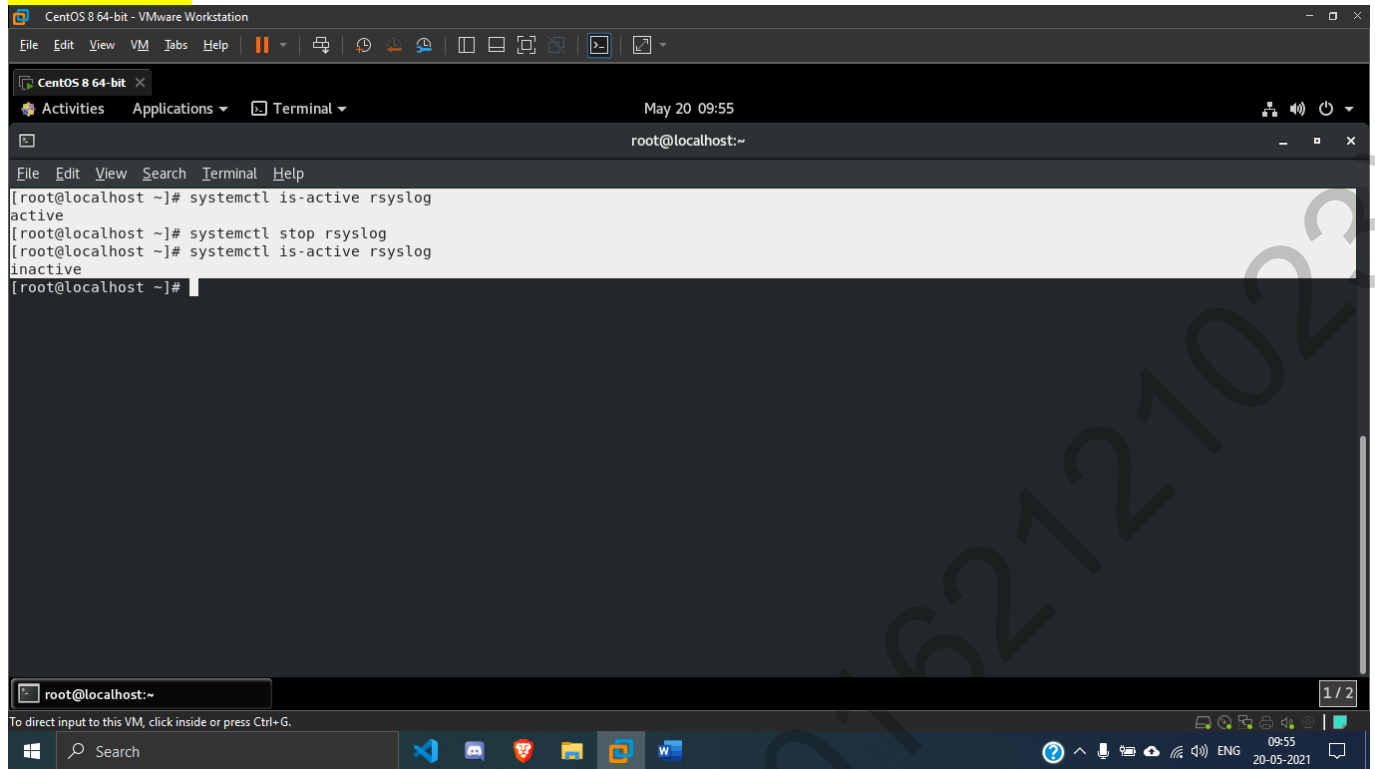
```

CentOS 8 64-bit - VMware Workstation
File Edit View VM Tabs Help
CentOS 8 64-bit
Activities Applications Terminal May 20 09:49
root@localhost:~#
[yashpral10@localhost ~]$ su -
Password:
[root@localhost ~]# systemctl status psacct
● psacct.service - Kernel process accounting
   Loaded: loaded (/usr/lib/systemd/system/psacct.service; disabled; vendor preset: disabled)
   Active: inactive (dead)
[root@localhost ~]# systemctl start psacct
[root@localhost ~]# systemctl status psacct
● psacct.service - Kernel process accounting
   Loaded: loaded (/usr/lib/systemd/system/psacct.service; disabled; vendor preset: disabled)
   Active: active (exited) since Thu 2021-05-20 09:46:01 IST; 1s ago
     Process: 3212 ExecStart=/usr/sbin/accton /var/account/pacct (code=exited, status=0/SUCCESS)
     Process: 3210 ExecStartPre=/usr/libexec/psacct/accton-create (code=exited, status=0/SUCCESS)
    Main PID: 3212 (code=exited, status=0/SUCCESS)

May 20 09:46:01 localhost.localdomain systemd[1]: Starting Kernel process accounting...
May 20 09:46:01 localhost.localdomain accton[3212]: Turning on process accounting, file set to '/var/account/pacct'.
May 20 09:46:01 localhost.localdomain systemd[1]: Started Kernel process accounting.
[root@localhost ~]# system is-enabled psacct
bash: system: command not found...
[root@localhost ~]# systemctl is-enabled psacct
disabled
[root@localhost ~]# systemctl enable psacct
Created symlink /etc/systemd/system/multi-user.target.wants/psacct.service → /usr/lib/systemd/system/psacct.service.
[root@localhost ~]# systemctl is-enabled psacct
enabled
[root@localhost ~]#
  
```

3. Stop the rsyslog service.

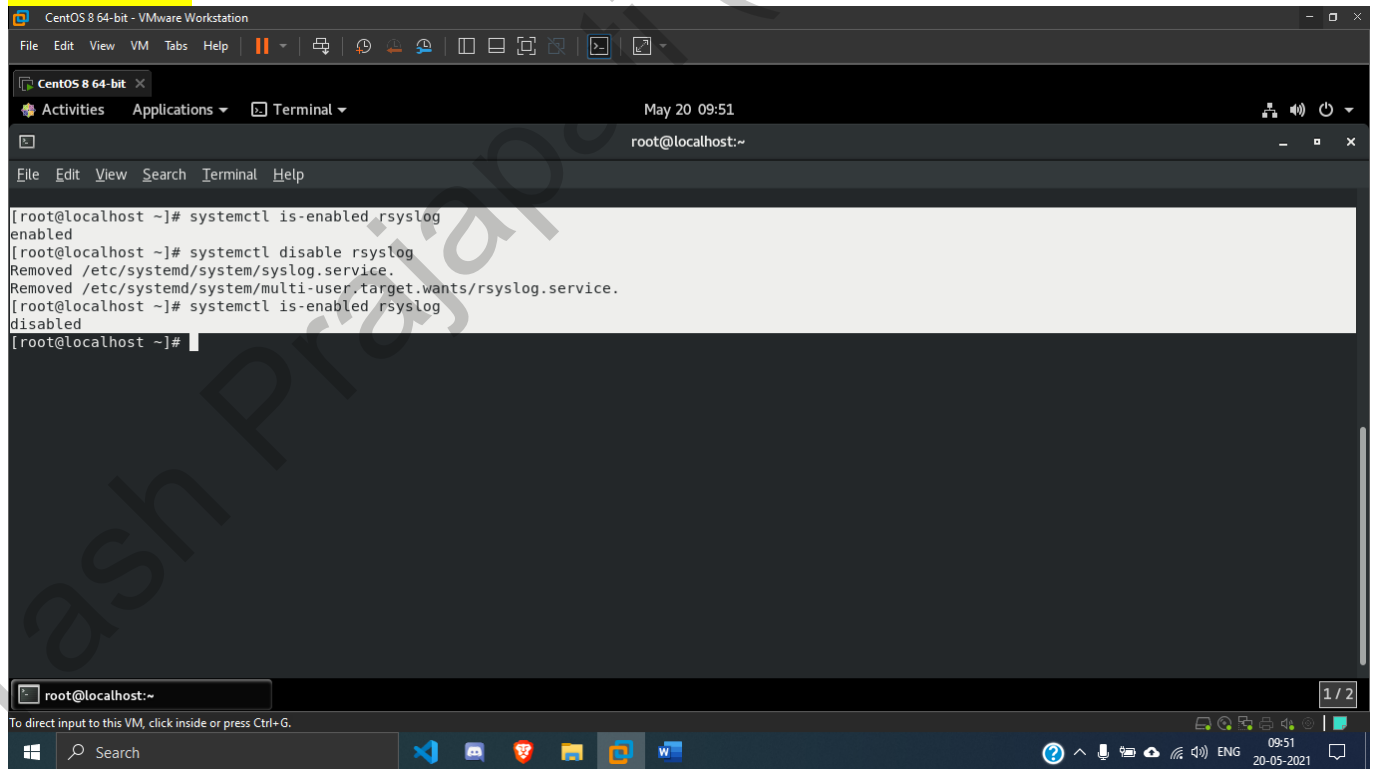
SOLUTION



```
CentOS 8 64-bit - VMware Workstation
File Edit View VM Tabs Help
CentOS 8 64-bit x
Activities Applications Terminal May 20 09:55
root@localhost:~
File Edit View Search Terminal Help
[root@localhost ~]# systemctl is-active rsyslog
active
[root@localhost ~]# systemctl stop rsyslog
[root@localhost ~]# systemctl is-active rsyslog
inactive
[root@localhost ~]#
```

4. Configure the rsyslog service so that it does not start at system boot.

SOLUTION



```
CentOS 8 64-bit - VMware Workstation
File Edit View VM Tabs Help
CentOS 8 64-bit x
Activities Applications Terminal May 20 09:51
root@localhost:~
File Edit View Search Terminal Help
[root@localhost ~]# systemctl is-enabled rsyslog
enabled
[root@localhost ~]# systemctl disable rsyslog
Removed /etc/systemd/system/syslog.service.
Removed /etc/systemd/system/multi-user.target.wants/rsyslog.service.
[root@localhost ~]# systemctl is-enabled rsyslog
disabled
[root@localhost ~]#
```