Assignment 11: Log files

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Exercise A: Step 2

```
[root@localhost ~]# ls -F /var/log
amanda/              libvirt/             spooler-20191029
anaconda/            maillog              spooler-20191112
audit/               maillog-20191001     sssd/
boot.log             maillog-20191014     swtpm/
boot.log-20191001    maillog-20191029     tallylog
boot.log-20191014    maillog-20191112     tuned/
boot.log-20191029    messages             vmware-network.1.log
boot.log-20191104    messages-20191001    vmware-network.2.log
boot.log-20191112    messages-20191014    vmware-network.3.log
boot.log-20191115    messages-20191029    vmware-network.4.log
btmp                 messages-20191112    vmware-network.5.log
btmp-20191104        ntpstats/            vmware-network.6.log
chrony/              pluto/               vmware-network.7.log
cron                 ppp/                 vmware-network.8.log
cron-20191001        qemu-ga/             vmware-network.9.log
cron-20191014        rhsm/                vmware-network.log
cron-20191029        sa/                  vmware-vgauthsvc.log.0
cron-20191112        samba/               vmware-vmsvc.log
cups/                secure               wpa_supplicant.log
dmesg                secure-20191001      wtmp
dmesg.old            secure-20191014      Xorg.0.log
firewalld            secure-20191029      Xorg.0.log.old
gdm/                 secure-20191112      Xorg.1.log
glusterfs/           speech-dispatcher/   Xorg.9.log
grubby_prune_debug   spooler              yum.log
httpd/               spooler-20191001
lastlog              spooler-20191014
[root@localhost ~]#
```

This is the result of ls -F /var/log. I found boot.log, cups/, dmesg, gdm/, messages, secure, and yum.log, but I could not find auth.log.

Exercise A: Step 4

```
[root@localhost ~]# tail -f /var/log/dmesg
[    9.033395] alg: No test for __generic-gcm-aes-aesni (__driver-generic-gcm-aes-aesni)
[    9.329984] ppdev: user-space parallel port driver
[    9.335012] Adding 2097148k swap on /dev/mapper/centos-swap.  Priority:-2 extents:1 across:2097148k FS
[    9.818626] floppy0: no floppy controllers found
[    9.818656] work still pending
[   10.135612] type=1305 audit(1574914770.564:3): audit_pid=6495 old=0 auid=4294967295 ses=4294967295 subj=system_u:system_r:auditd_t:s0 res=1
[   10.141498] RPC: Registered named UNIX socket transport module.
[   10.141501] RPC: Registered udp transport module.
[   10.141502] RPC: Registered tcp transport module.
[   10.141503] RPC: Registered tcp NFSv4.1 backchannel transport module.
```

These are the tail contents of the /var/log/demesg file.

Exercise B: Step 2

```
[jesserussell@localhost ~]$ lpc status
MyPrinter:
        printer is on device 'serial' speed -1
        queuing is enabled
        printing is enabled
        no entries
        daemon present
[jesserussell@localhost ~]$
```

This is the status of my printer I just created.

Exercise B: Step 4

```
[jesserussell@localhost ~]$ lpq
MyPrinter is ready and printing
Rank    Owner   Job     File(s)                         Total Size
1st     jesseru 1       (stdin)                         0 bytes
active  jesseru 2       LargeFile                       1073741824 bytes
[jesserussell@localhost ~]$
```

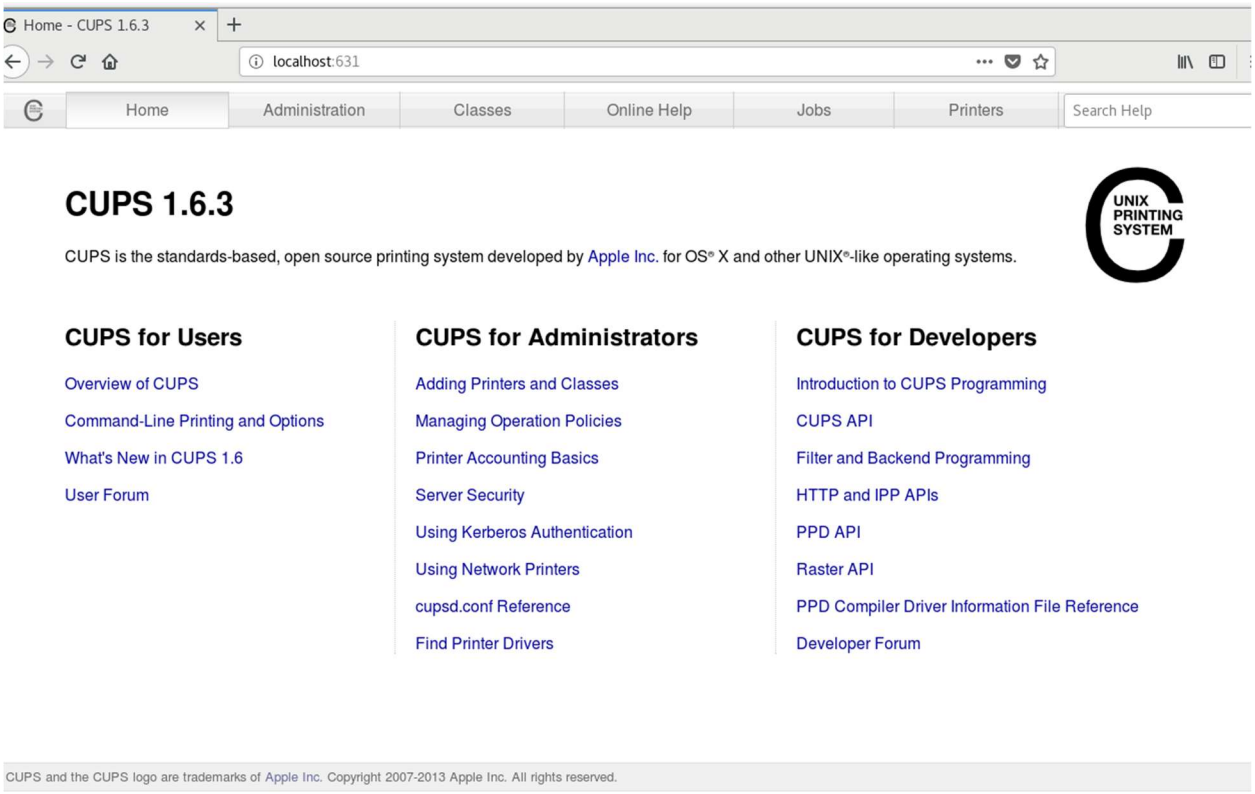
My large file created with fallocate is in the print queue.

Exercise B: Step 5

```
[jesserussell@localhost ~]$ lprm
[jesserussell@localhost ~]$ lpq
MyPrinter is ready
no entries
[jesserussell@localhost ~]$
```

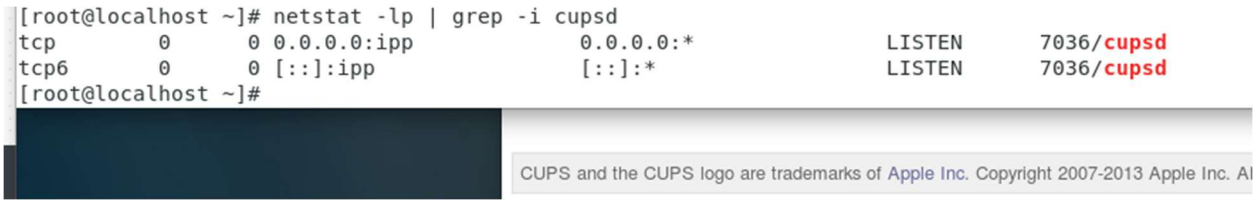
The print queue has been cleared.

Exercise B: Step 7



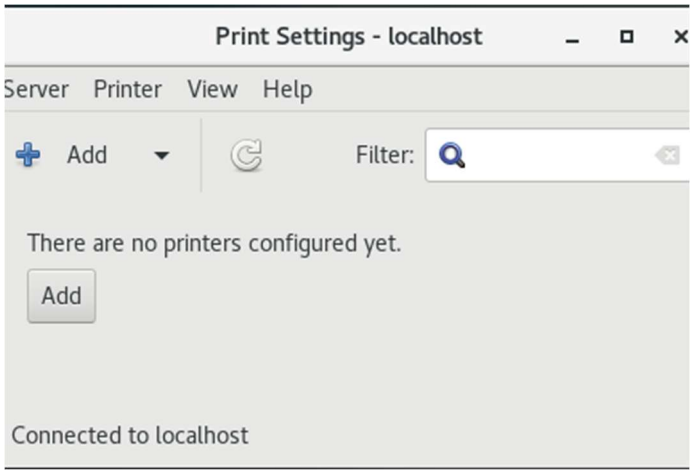
I was able to access the print server via the web browser.

Exercise B: Step 8



Based on my observations cupsd is listening on port 7036.

Exercise B: Step 9



My printer has been deleted.