

LPIC-1 101-400 – Lesson 10 – Lab

- * Login into your Lab environment
- `$ tail -f /var/log/syslog #` in Debian or Ubuntu
- `$ tail -f /var/log/messages #` in CentOS or Fedora
- `$ lsmod > lsmod.before #` Save the running modules in a file
- `#` Attach a usb device on the computer
- `$ lsmod > lsmod.after #` Save the running modules in a new file
- `$ diff -u lsmod.before lsmod.after #` compare the two files
- `$ dmesg #` see the kernel messages
- `$ cat /proc/cmdline #` see the kernel parameters the system was started with
- `$ ls -la /boot #` check the available kernels and ramdisks
- `$ ls -la /boot/grub #` in Debian or Ubuntu
- `$ ls -la /boot/grub2 #` in CentOS or Fedora

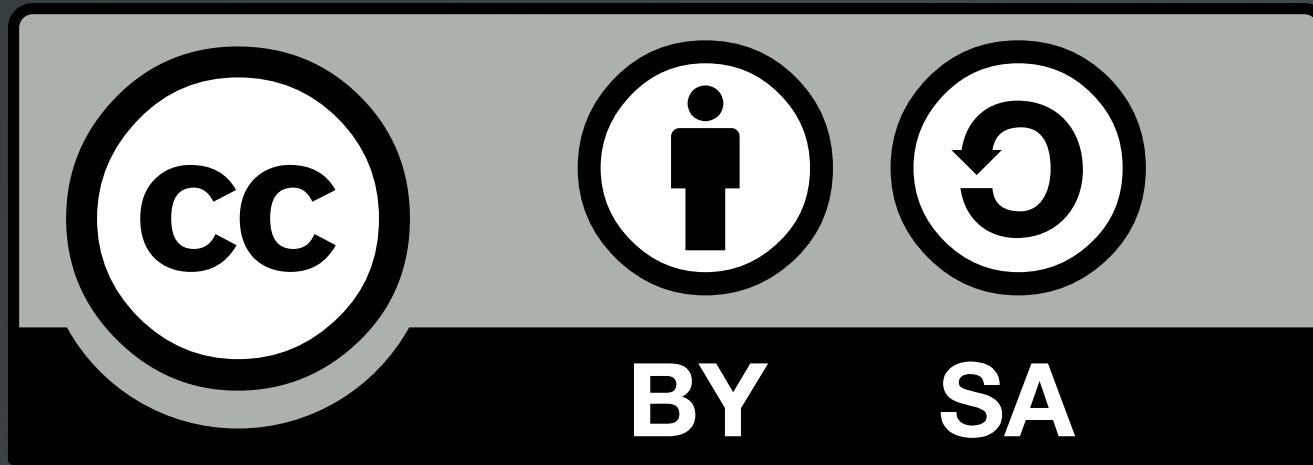


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- # **grep quiet /boot/grub/grub.cfg** # check for the 'quiet' kernel parameter in the GRUB configuration
- # **vi /etc/default/grub** # edit the helper GRUB configuration file
- # Add 'quiet' in the GRUB_CMDLINE_LINUX= variable
- # **update-grub** # update the actual GRUB configuration file
- # **grep quiet /boot/grub/grub.cfg** # check for the 'quiet' kernel parameter again
- # **reboot** # reboot the system and login when up
- \$ **cat /proc/cmdline** # see the kernel parameters again
- \$ **man init**
- \$ **which init** # find init
- \$ **ls -la \$(which init)** # on CentOS this should point to systemd



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