

آزمایشگاه سیستم عامل

علی مهریزی

پاییز ۱۳۹۹

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پوشه های مهم لینوکس

- /bin: essential user command binaries(files)
- /proc: virtual file system, running process status
- /dev: device files such as driver, hardware config,
- /var: variable files such as log files, emails, server files, ...
- /sbin: system binaries
- /lib: essential shared libraries and kernel modules
- /tmp: temprory files
- /usr: ...
- /etc: ...
- /usr/bin: ...
- /usr/sbin: ...

دستورات تعامل با هسته

- lsmod: showing kernel modules loaded
- rmmod: remove modules
- modprobe: add modules
- lshw: showing all hardware devices config
- lspci: list all pci devices
- lsusb: list all usb devices
- sysctl: configure kernel parameter at runtime
- systemctl: manage of system services(status, start, restart, stop, enable, disable,...)

چند تنظیم ساده

- `nano /proc/sys/kernel/threads-max`
- `echo 100000 > /proc/sys/kernel/threads-max`
- `sysctl kernel.threads-max`
- `sysctl -w kernel.threads-max=7500`

چند تنظیم ساده

- `nano /proc/sys/vm/swappiness`
- `sysctl vm.swappiness`
- `sysctl -w vm.swappiness=70`