

1.Distribution

LINUX: Redhat Centos Fedora Suse Opensuse Debian Ubuntu Gentoo

Archlinux slackware

UNIX: FreeBSD OpenBSD Solaris

2.device file

terminal: /dev/tty_n /dev/vt/_n (:m) /dev/pts/_n (:m)

disk/partition: /dev/hdxy /dev/sdxy /dev/srx /dev/mdxpy

/dev/vg_name/lv_namepx /dev/dsk/c#t#d#p#(controller target disk partition)

rpool/path (ZFS)

3.access system

① identity/permission

owner group others - r4 w2 x1

regular - ① read-only: r ② read and write: rw | execute: x

directory - ① list files only: r ② access files: rx ③ create and delete files: rwx

② SELinux

domain type

③ architecture

system process: identity/domain

file system: permission/type

process tree identity: root(resident) -> custom(temporary)