**1.Distribution**

LINUX: Redhat Centos Fedora Suse Opensuse Debian Ubuntu Gentoo Archlinux slackware

UNIX: FreeBSD OpenBSD Solaris

**2.device file**

*terminal*: /dev/ttyn /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.permission system**

①permission

**owner group others** - r4 w2 x1

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

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

②windows permission

**user group**

③SELinux

domain type

④architecture

user: **account** password

command: **permission** *type*

process: **identity** *domain* user: **account/pseudo-account** password

file: **permission** *type*

**4.special directory**

. or ./ | .. or ../ | - or -/ | ~ or ~/ | ~account or ~account/