**Linux常用系统调用**

1. **进程控制**

fork clone execve vfork getpid getppid modify\_ldt;

nanosleep nice pause ptrace;

wait wait3 wati4 waitpid;

getpgid getpgrp getpriority getsid;

setpgid setpgrp setpriority setsid;

*wait4[wait wait3 wait4 waitpid] getppid mop[modify\_ldt nanosleep ptrace] face[fork alarm clone execve] get- & set-pg-rips[getpgrp getpgid getpriority getsid]*

*等待得到ID, 擦脸, ,弄裂口*

1. **文件系统控制**

fcntl;

open close creat read write readv writev pread pwrite;

lseek dup dup2 flock poll truncate fsyc umask;

access chdir chmod chown chroot stat statfs;

readdir mkdir rmdir rename link unlink symlink;

*2cop[creat open] fcntl pv-rw [read write readv writev pread pwrite], ch-dorm[chdir chown chroot chmod],*

*sulk[symlink unlink link kill] cram[chdir rmdir access mkdir]-dir spud[lseek poll umask dup] 两个警察控制PV读写信号. 换宿舍. 生气的人猛吃dir牌的土豆.*

1. **系统控制**

ioctl ioperm iopl;

reboot sysinfo uname create\_module delete\_module init\_module query\_module;

*io-ctl-pup[ioperm uname iopl], reboot disc-module[delete\_module init\_module sysinfo create\_module]. IO控制小狗, 重启唱片模块.*

1. **内存管理**

brk msync mprotect sync;

mlock mlockall mmap;

munlock munlockall munmap;

*m-map & lock-all[mmap munmap mlock munlock mlockall munlockall] mobs[mprotect open brk sync]. m-map锁住所有的暴徒*

1. **网络管理**

getdomainname gethostid gethostname;

setdomainname sethostid sethostname;

*get- & set domainname & hostid 获取和设置域名和主机ID*

1. **socket控制**

socketcall socket bind connect accept send recv listen select shutdown;

socketpair;

getsockname getperriname getsockopt setsockopt;

*setsockopt. select socket-pc[socketcall socketpair] cables[connect accept bind listen execve send] 选择socket-pc型号的线缆.*

1. **用户管理**

getuid getgid getegid geteuid;

setuid setgid setegid seteuid;

*get- & set- huge[host u g]-eid 获取和设置大的EID*

1. **进程间通信**

ipc;

sigaction sigprocmask sigpending sigsuspend signal kill;

msgctl msgget msgsnd msgrcv;

semctl semget semop;

shmctl shmget shmat shmdt;

*kill spam[sigsuspend sigpending sigaction sigprocmask] signal; 杀掉垃圾信号.*

*msgctl rigs[msgrcv ipc msgget msgsnd] 消息控制诡计*

*semctl log[link semop semget] 信号量控制日志*

*shmctl gad[shmget shmat shmdt] pipe共享内存控制的游荡管道*