

idtr

int \$0x80

```
...  
cmpq $__NR_syscall_max,%rax  
ja badsys  
movq %r10,%rcx  
call *sys_call_table(,%rax,8)  
...
```

sys_call_table

_NR_open

{ long (*orig_sys_open)(const char __user *filename, int flags, int mode);

{
asmlinkage long my_sys_open(const char __user *filename, int flags, int mode) {
printk(KERN_INFO"hook called\n");
return orig_sys_open(filename, flags, mode);
}
}