Московский Авиационный Институт

(Национальный Исследовательский Университет)

Факультет информационных технологий и прикладной математики

Кафедра вычислительной математики и программирования

**Лабораторные работы №8 по курсу**

**«Операционные системы»**

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Оценка: \_\_\_\_\_\_\_\_\_\_\_

Дата: \_\_\_\_\_\_\_\_\_\_\_

Подпись: \_\_\_\_\_\_\_\_\_\_\_

Москва, 2024

**Содержание**

* Репозиторий
* Постановка задачи
* Демонстрация работы программы
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**Репозиторий**

**https://github.com/velievrauf/OS/tree/main/lab\_8**

**Постановка задачи**

**Цель работы**

Приобретение практических навыков диагностики работы программного обеспечения.

**Задание**

При выполнении лабораторных работ по курсу ОС необходимо продемонстрировать ключевые системные вызовы, которые в них используются и то, что их использование соответствует варианту ЛР. По итогам выполнения всех лабораторных работ отчет по данной ЛР должен содержать краткую сводку по исследованию написанных программ.

**Демонстрация работы программы**

**Лабораторная работа №1**

Системные вызовы:

- **execve** – запуск исполняемого файла.

- **mmap** – выделение памяти.

- **openat** – открытие файлов.

- **close** – закрытие файловых дескрипторов.

- **read** – чтение данных.

- **write** – запись данных.

execve("./labsf", ["./labsf"], 0x7fff916d7f50 /\* 44 vars \*/) = 0

brk(NULL) = 0x55ab2fadb000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffe8330b900) = -1 EINVAL (Недопустимый аргумент)

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7c08f245f000

access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7c08f2450000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0I\17\357\204\3$\f\221\2039x\324\224\323\236S"..., 68, 896) = 68

newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2220400, ...}, AT\_EMPTY\_PATH) = 0

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

mmap(NULL, 2264656, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7c08f2200000

mprotect(0x7c08f2228000, 2023424, PROT\_NONE) = 0

mmap(0x7c08f2228000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x7c08f2228000

mmap(0x7c08f23bd000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x7c08f23bd000

mmap(0x7c08f2416000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x215000) = 0x7c08f2416000

mmap(0x7c08f241c000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7c08f241c000

close(3) = 0

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7c08f244d000

arch\_prctl(ARCH\_SET\_FS, 0x7c08f244d740) = 0

set\_tid\_address(0x7c08f244da10) = 4016

set\_robust\_list(0x7c08f244da20, 24) = 0

rseq(0x7c08f244e0e0, 0x20, 0, 0x53053053) = 0

mprotect(0x7c08f2416000, 16384, PROT\_READ) = 0

mprotect(0x55ab2ea63000, 4096, PROT\_READ) = 0

mprotect(0x7c08f2499000, 8192, PROT\_READ) = 0

prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

munmap(0x7c08f2450000, 60907) = 0

pipe2([3, 4], 0) = 0

pipe2([5, 6], 0) = 0

clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLD, child\_tidptr=0x7c08f244da10) = 4017

close(3) = 0

close(6) = 0

newfstatat(1, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

getrandom("\x9c\xdc\x5f\x78\xc9\x04\x73\x4f", 8, GRND\_NONBLOCK) = 8

brk(NULL) = 0x55ab2fadb000

brk(0x55ab2fafc000) = 0x55ab2fafc000

newfstatat(0, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265 \321\207\320\270\321\201\320\273\320\260 (\321\200\320\260\320"..., 101Введите числа (разделенные пробелами), завершите <endline>: ) = 101

read(0, 0x55ab2fadb6b0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

read(0, 0x55ab2fadb6b0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

read(0, 0x55ab2fadb6b0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

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read(0, 0x55ab2fadb6b0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

read(0, 0x55ab2fadb6b0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI

**Лабораторная работа №2**

Системные вызовы:

**- execve –** запуск исполняемого файла.

**- mmap –** выделение памяти.

**- openat –** открытие файлов.

**- write –** вывод на экран.

**- exit\_group –** завершение процесса.

execve("./lab2", ["./lab2"], 0x7ffda9f13f60 /\* 44 vars \*/) = 0

brk(NULL) = 0x5c0b1d19c000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7fffb173de50) = -1 EINVAL (Недопустимый аргумент)

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x701835097000

access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x701835088000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0I\17\357\204\3$\f\221\2039x\324\224\323\236S"..., 68, 896) = 68

newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2220400, ...}, AT\_EMPTY\_PATH) = 0

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

mmap(NULL, 2264656, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x701834e00000

mprotect(0x701834e28000, 2023424, PROT\_NONE) = 0

mmap(0x701834e28000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x701834e28000

mmap(0x701834fbd000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x701834fbd000

mmap(0x701835016000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x215000) = 0x701835016000

mmap(0x70183501c000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x70183501c000

close(3) = 0

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x701835085000

arch\_prctl(ARCH\_SET\_FS, 0x701835085740) = 0

set\_tid\_address(0x701835085a10) = 5037

set\_robust\_list(0x701835085a20, 24) = 0

rseq(0x7018350860e0, 0x20, 0, 0x53053053) = 0

mprotect(0x701835016000, 16384, PROT\_READ) = 0

mprotect(0x5c0b1b386000, 4096, PROT\_READ) = 0

mprotect(0x7018350d1000, 8192, PROT\_READ) = 0

prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

munmap(0x701835088000, 60907) = 0

newfstatat(1, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

getrandom("\xa5\xc5\x09\xf2\x1d\xa7\xc4\xd8", 8, GRND\_NONBLOCK) = 8

brk(NULL) = 0x5c0b1d19c000

brk(0x5c0b1d1bd000) = 0x5c0b1d1bd000

write(1, "Usage: ./lab2 <array size> <numb"..., 47Usage: ./lab2 <array size> <number of threads>

) = 47

exit\_group(1) = ?

+++ exited with 1 +++

**Лабораторная работа №3**

Системные вызовы:

**- execve –** запуск исполняемого файла.

**- mmap –** выделение памяти.

**- openat –** открытие библиотек.

**- read –** чтение данных.

**- write –** запись результатов.

execve("./lab3", ["./lab3"], 0x7ffd3903d930 /\* 44 vars \*/) = 0

brk(NULL) = 0x5e548060e000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffe0b670fc0) = -1 EINVAL (Недопустимый аргумент)

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x74c6e74e4000

access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x74c6e74d5000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0I\17\357\204\3$\f\221\2039x\324\224\323\236S"..., 68, 896) = 68

newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2220400, ...}, AT\_EMPTY\_PATH) = 0

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

mmap(NULL, 2264656, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x74c6e7200000

mprotect(0x74c6e7228000, 2023424, PROT\_NONE) = 0

mmap(0x74c6e7228000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x74c6e7228000

mmap(0x74c6e73bd000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x74c6e73bd000

mmap(0x74c6e7416000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x215000) = 0x74c6e7416000

mmap(0x74c6e741c000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x74c6e741c000

close(3) = 0

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x74c6e74d2000

arch\_prctl(ARCH\_SET\_FS, 0x74c6e74d2740) = 0

set\_tid\_address(0x74c6e74d2a10) = 5375

set\_robust\_list(0x74c6e74d2a20, 24) = 0

rseq(0x74c6e74d30e0, 0x20, 0, 0x53053053) = 0

mprotect(0x74c6e7416000, 16384, PROT\_READ) = 0

mprotect(0x5e547fd69000, 4096, PROT\_READ) = 0

mprotect(0x74c6e751e000, 8192, PROT\_READ) = 0

prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

munmap(0x74c6e74d5000, 60907) = 0

openat(AT\_FDCWD, "/dev/shm/my\_shm", O\_RDWR|O\_CREAT|O\_NOFOLLOW|O\_CLOEXEC, 0666) = 3

ftruncate(3, 664) = 0

mmap(NULL, 664, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x74c6e751d000

clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLD, child\_tidptr=0x74c6e74d2a10) = 5376

close(3) = 0

newfstatat(1, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

getrandom("\x5f\x36\x16\x10\x4c\x37\xcf\x3e", 8, GRND\_NONBLOCK) = 8

brk(NULL) = 0x5e548060e000

brk(0x5e548062f000) = 0x5e548062f000

newfstatat(0, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265 \321\207\320\270\321\201\320\273\320\260 (\321\200\320\260\320"..., 101Введите числа (разделенные пробелами), завершите <endline>: ) = 101

read(0,

**Лабораторная работа №4**

**Системные вызовы:  
- execve –** запуск исполняемого файла.

**- mmap –** выделение памяти.

**- write –** запись результатов.

**- openat –** открытие библиотек.

**- read –** чтение данных.

****

**Лабораторные работы №5-7**

**Системные вызовы:  
- execve –** запуск исполняемого файла.

**- mmap –** выделение памяти.

- **close** – закрытие файловых дескрипторов.

**- write –** запись результатов.

**- openat –** открытие библиотек.

**- read –** чтение данных.

execve("./client", ["./client"], 0x7fff32d04ef0 /\* 45 vars \*/) = 0

brk(NULL) = 0x5f0f15c8e000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7fff8e4855c0) = -1 EINVAL (Недопустимый аргумент)

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c069a000

access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/glibc-hwcaps/x86-64-v2/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/glibc-hwcaps/x86-64-v2", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/tls/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/tls/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/tls", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib/x86\_64", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/opt/homebrew/lib/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/opt/homebrew/lib", 0x7fff8e4847e0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x72b5c068b000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\240\233\1\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=634936, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 636784, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c05ef000

mmap(0x72b5c0607000, 397312, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x72b5c0607000

mmap(0x72b5c0668000, 106496, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x79000) = 0x72b5c0668000

mmap(0x72b5c0682000, 36864, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x92000) = 0x72b5c0682000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2260296, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 2275520, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c0200000

mprotect(0x72b5c029a000, 1576960, PROT\_NONE) = 0

mmap(0x72b5c029a000, 1118208, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9a000) = 0x72b5c029a000

mmap(0x72b5c03ab000, 454656, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1ab000) = 0x72b5c03ab000

mmap(0x72b5c041b000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x21a000) = 0x72b5c041b000

mmap(0x72b5c0429000, 10432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c0429000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=125488, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 127720, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c05cf000

mmap(0x72b5c05d2000, 94208, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x72b5c05d2000

mmap(0x72b5c05e9000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1a000) = 0x72b5c05e9000

mmap(0x72b5c05ed000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d000) = 0x72b5c05ed000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0I\17\357\204\3$\f\221\2039x\324\224\323\236S"..., 68, 896) = 68

newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2220400, ...}, AT\_EMPTY\_PATH) = 0

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

mmap(NULL, 2264656, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5bfe00000

mprotect(0x72b5bfe28000, 2023424, PROT\_NONE) = 0

mmap(0x72b5bfe28000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x72b5bfe28000

mmap(0x72b5bffbd000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x72b5bffbd000

mmap(0x72b5c0016000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x215000) = 0x72b5c0016000

mmap(0x72b5c001c000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c001c000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libbsd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=89096, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 94432, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c05b7000

mprotect(0x72b5c05bb000, 69632, PROT\_NONE) = 0

mmap(0x72b5c05bb000, 53248, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x72b5c05bb000

mmap(0x72b5c05c8000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x11000) = 0x72b5c05c8000

mmap(0x72b5c05cc000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14000) = 0x72b5c05cc000

mmap(0x72b5c05ce000, 224, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c05ce000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libsodium.so.23", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=355040, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c05b5000

mmap(NULL, 357440, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c055d000

mprotect(0x72b5c0569000, 303104, PROT\_NONE) = 0

mmap(0x72b5c0569000, 229376, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x72b5c0569000

mmap(0x72b5c05a1000, 69632, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x44000) = 0x72b5c05a1000

mmap(0x72b5c05b3000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x55000) = 0x72b5c05b3000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpgm-5.3.so.0", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\340L\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=310264, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 329808, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c050c000

mmap(0x72b5c0510000, 172032, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x72b5c0510000

mmap(0x72b5c053a000, 118784, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2e000) = 0x72b5c053a000

mmap(0x72b5c0557000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4a000) = 0x72b5c0557000

mmap(0x72b5c0559000, 14416, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c0559000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnorm.so.1", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0 \255\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=497824, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 1223168, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c00d5000

mprotect(0x72b5c00df000, 446464, PROT\_NONE) = 0

mmap(0x72b5c00df000, 286720, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x72b5c00df000

mmap(0x72b5c0125000, 155648, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x50000) = 0x72b5c0125000

mmap(0x72b5c014c000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x76000) = 0x72b5c014c000

mmap(0x72b5c0150000, 719360, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c0150000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgssapi\_krb5.so.2", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=338648, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 340960, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c04b8000

mprotect(0x72b5c04c3000, 282624, PROT\_NONE) = 0

mmap(0x72b5c04c3000, 229376, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x72b5c04c3000

mmap(0x72b5c04fb000, 49152, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x43000) = 0x72b5c04fb000

mmap(0x72b5c0508000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4f000) = 0x72b5c0508000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=940560, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 942344, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5bfd19000

mmap(0x72b5bfd27000, 507904, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe000) = 0x72b5bfd27000

mmap(0x72b5bfda3000, 372736, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x8a000) = 0x72b5bfda3000

mmap(0x72b5bfdfe000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe4000) = 0x72b5bfdfe000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libmd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=47472, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 49384, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c04ab000

mmap(0x72b5c04ad000, 28672, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x72b5c04ad000

mmap(0x72b5c04b4000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x72b5c04b4000

mmap(0x72b5c04b6000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x72b5c04b6000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c04a9000

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpthread.so.0", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=21448, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 16424, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c04a4000

mmap(0x72b5c04a5000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1000) = 0x72b5c04a5000

mmap(0x72b5c04a6000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x72b5c04a6000

mmap(0x72b5c04a7000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x72b5c04a7000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5.so.3", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=827936, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 830576, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5bfc4e000

mprotect(0x72b5bfc6f000, 634880, PROT\_NONE) = 0

mmap(0x72b5bfc6f000, 380928, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x21000) = 0x72b5bfc6f000

mmap(0x72b5bfccc000, 249856, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x7e000) = 0x72b5bfccc000

mmap(0x72b5bfd0a000, 61440, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xbb000) = 0x72b5bfd0a000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libk5crypto.so.3", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=182864, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 188472, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c0475000

mprotect(0x72b5c0479000, 163840, PROT\_NONE) = 0

mmap(0x72b5c0479000, 110592, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x72b5c0479000

mmap(0x72b5c0494000, 49152, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1f000) = 0x72b5c0494000

mmap(0x72b5c04a1000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2b000) = 0x72b5c04a1000

mmap(0x72b5c04a3000, 56, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c04a3000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libcom\_err.so.2", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=18504, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 20552, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c046f000

mmap(0x72b5c0471000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x72b5c0471000

mmap(0x72b5c0472000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x72b5c0472000

mmap(0x72b5c0473000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x72b5c0473000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5support.so.0", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=52016, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 54224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c0461000

mprotect(0x72b5c0464000, 36864, PROT\_NONE) = 0

mmap(0x72b5c0464000, 24576, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x72b5c0464000

mmap(0x72b5c046a000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x72b5c046a000

mmap(0x72b5c046d000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x72b5c046d000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkeyutils.so.1", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=22600, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c045f000

mmap(NULL, 24592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c0458000

mmap(0x72b5c045a000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x72b5c045a000

mmap(0x72b5c045c000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x72b5c045c000

mmap(0x72b5c045d000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x72b5c045d000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libresolv.so.2", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=68552, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 80456, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x72b5c0444000

mmap(0x72b5c0447000, 40960, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x72b5c0447000

mmap(0x72b5c0451000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xd000) = 0x72b5c0451000

mmap(0x72b5c0454000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xf000) = 0x72b5c0454000

mmap(0x72b5c0456000, 6728, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x72b5c0456000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c0442000

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c043f000

arch\_prctl(ARCH\_SET\_FS, 0x72b5c043f9c0) = 0

set\_tid\_address(0x72b5c043fc90) = 5845

set\_robust\_list(0x72b5c043fca0, 24) = 0

rseq(0x72b5c0440360, 0x20, 0, 0x53053053) = 0

mprotect(0x72b5c0016000, 16384, PROT\_READ) = 0

mprotect(0x72b5c0454000, 4096, PROT\_READ) = 0

mprotect(0x72b5c045d000, 4096, PROT\_READ) = 0

mprotect(0x72b5c046d000, 4096, PROT\_READ) = 0

mprotect(0x72b5c0473000, 4096, PROT\_READ) = 0

mprotect(0x72b5c04a1000, 4096, PROT\_READ) = 0

mprotect(0x72b5bfd0a000, 53248, PROT\_READ) = 0

mprotect(0x72b5c04a7000, 4096, PROT\_READ) = 0

mprotect(0x72b5c04b6000, 4096, PROT\_READ) = 0

mprotect(0x72b5bfdfe000, 4096, PROT\_READ) = 0

mprotect(0x72b5c0508000, 8192, PROT\_READ) = 0

mprotect(0x72b5c05ed000, 4096, PROT\_READ) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x72b5c043d000

mprotect(0x72b5c041b000, 45056, PROT\_READ) = 0

mprotect(0x72b5c014c000, 12288, PROT\_READ) = 0

mprotect(0x72b5c0557000, 4096, PROT\_READ) = 0

mprotect(0x72b5c05b3000, 4096, PROT\_READ) = 0

mprotect(0x72b5c05cc000, 4096, PROT\_READ) = 0

mprotect(0x72b5c0682000, 32768, PROT\_READ) = 0

mprotect(0x5f0f14687000, 4096, PROT\_READ) = 0

mprotect(0x72b5c06d4000, 8192, PROT\_READ) = 0

prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

munmap(0x72b5c068b000, 60907) = 0

getrandom("\x06\x8c\x13\xdb\x9a\x3a\x6c\xcd", 8, GRND\_NONBLOCK) = 8

brk(NULL) = 0x5f0f15c8e000

brk(0x5f0f15caf000) = 0x5f0f15caf000

futex(0x72b5c042977c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

openat(AT\_FDCWD, "/sys/devices/system/cpu/online", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "0-2\n", 1024) = 4

close(3) = 0

openat(AT\_FDCWD, "/sys/devices/system/cpu", O\_RDONLY|O\_NONBLOCK|O\_CLOEXEC|O\_DIRECTORY) = 3

newfstatat(3, "", {st\_mode=S\_IFDIR|0755, st\_size=0, ...}, AT\_EMPTY\_PATH) = 0

getdents64(3, 0x5f0f15c9fee0 /\* 21 entries \*/, 32768) = 640

getdents64(3, 0x5f0f15c9fee0 /\* 0 entries \*/, 32768) = 0

close(3) = 0

getpid() = 5845

sched\_getaffinity(5845, 128, [0, 1, 2]) = 8

newfstatat(AT\_FDCWD, "/etc/nsswitch.conf", {st\_mode=S\_IFREG|0644, st\_size=542, ...}, 0) = 0

newfstatat(AT\_FDCWD, "/", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

openat(AT\_FDCWD, "/etc/nsswitch.conf", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=542, ...}, AT\_EMPTY\_PATH) = 0

read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 542

read(3, "", 4096) = 0

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=542, ...}, AT\_EMPTY\_PATH) = 0

close(3) = 0

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x72b5c068b000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=77824, ...}, 0) = 0

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=77824, ...}, 0) = 0

openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/tls", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/tls", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7fff8e4823a0, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

munmap(0x72b5c068b000, 60907) = 0

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60907, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 60907, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x72b5c068b000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnss\_db-2.35.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/libnss\_db-2.35.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/lib/libnss\_db-2.35.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/lib/libnss\_db-2.35.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

munmap(0x72b5c068b000, 60907) = 0

openat(AT\_FDCWD, "/etc/protocols", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2932, ...}, AT\_EMPTY\_PATH) = 0

lseek(3, 0, SEEK\_SET) = 0

read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 2932

read(3, "", 4096) = 0

close(3) = 0

eventfd2(0, EFD\_CLOEXEC) = 3

fcntl(3, F\_GETFL) = 0x2 (flags O\_RDWR)

fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

fcntl(3, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

getpid() = 5845

getpid() = 5845

getrandom("\xe8\x56\x65\x1d\x62\x4b\xc0\x99\xc5\xf4\xcc\xd2\xa7\xd1\xfb\xbb", 16, 0) = 16

getrandom("\x21\xe7\xec\x3a\x50\xb2\x27\x0b\x58\x88\xe0\x08\xf9\x51\xc9\x90", 16, 0) = 16

eventfd2(0, EFD\_CLOEXEC) = 4

fcntl(4, F\_GETFL) = 0x2 (flags O\_RDWR)

fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

fcntl(4, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

getpid() = 5845

epoll\_create1(EPOLL\_CLOEXEC) = 5

epoll\_ctl(5, EPOLL\_CTL\_ADD, 4, {events=0, data={u32=365560416, u64=104518394708576}}) = 0

epoll\_ctl(5, EPOLL\_CTL\_MOD, 4, {events=EPOLLIN, data={u32=365560416, u64=104518394708576}}) = 0

getpid() = 5845

rt\_sigaction(SIGRT\_1, {sa\_handler=0x72b5bfe91870, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_ONSTACK|SA\_RESTART|SA\_SIGINFO, sa\_restorer=0x72b5bfe42520}, NULL, 8) = 0

rt\_sigprocmask(SIG\_UNBLOCK, [RTMIN RT\_1], NULL, 8) = 0

mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x72b5bf400000

mprotect(0x72b5bf401000, 8388608, PROT\_READ|PROT\_WRITE) = 0

rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x72b5bfc00910, parent\_tid=0x72b5bfc00910, exit\_signal=0, stack=0x72b5bf400000, stack\_size=0x7ffc80, tls=0x72b5bfc00640} => {parent\_tid=[5847]}, 88) = 5847

rt\_sigprocmask(SIG\_SETMASK, [], NULL, 8) = 0

eventfd2(0, EFD\_CLOEXEC) = 6

fcntl(6, F\_GETFL) = 0x2 (flags O\_RDWR)

fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

fcntl(6, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

getpid() = 5845

epoll\_create1(EPOLL\_CLOEXEC) = 7

epoll\_ctl(7, EPOLL\_CTL\_ADD, 6, {events=0, data={u32=365581472, u64=104518394729632}}) = 0

epoll\_ctl(7, EPOLL\_CTL\_MOD, 6, {events=EPOLLIN, data={u32=365581472, u64=104518394729632}}) = 0

mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x72b5bea00000

mprotect(0x72b5bea01000, 8388608, PROT\_READ|PROT\_WRITE) = 0

rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x72b5bf200910, parent\_tid=0x72b5bf200910, exit\_signal=0, stack=0x72b5bea00000, stack\_size=0x7ffc80, tls=0x72b5bf200640} => {parent\_tid=[5848]}, 88) = 5848

rt\_sigprocmask(SIG\_SETMASK, [], NULL, 8) = 0

eventfd2(0, EFD\_CLOEXEC) = 8

fcntl(8, F\_GETFL) = 0x2 (flags O\_RDWR)

fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

fcntl(8, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

getpid() = 5845

newfstatat(0, "", {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

read(0, 0x5f0f15ca6980, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

read(0, 0x5f0f15ca6980, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

--- SIGWINCH {si\_signo=SIGWINCH, si\_code=SI\_KERNEL} ---

read(0,

**Выводы**

В ходе выполнения работы с утилитой strace я освоил ее использование для отслеживания системных вызовов и анализа поведения процессов, углубил понимание работы операционной системы на низком уровне. Это позволило мне лучше понять внутренние механизмы работы операционной системы и научиться эффективно отслеживать и диагностировать ошибки и проблемы в процессе выполнения программ.