Московский Авиационный Институт

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Факультет информационных технологий и прикладной математики

Кафедра вычислительной математики и программирования

**Лабораторная работа №1 по курсу**

**«Операционные системы»**

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Дата: 19.12.21

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## **Постановка задачи**

Цель работы — приобретение практических навыков диагностики работы программного обеспечения.

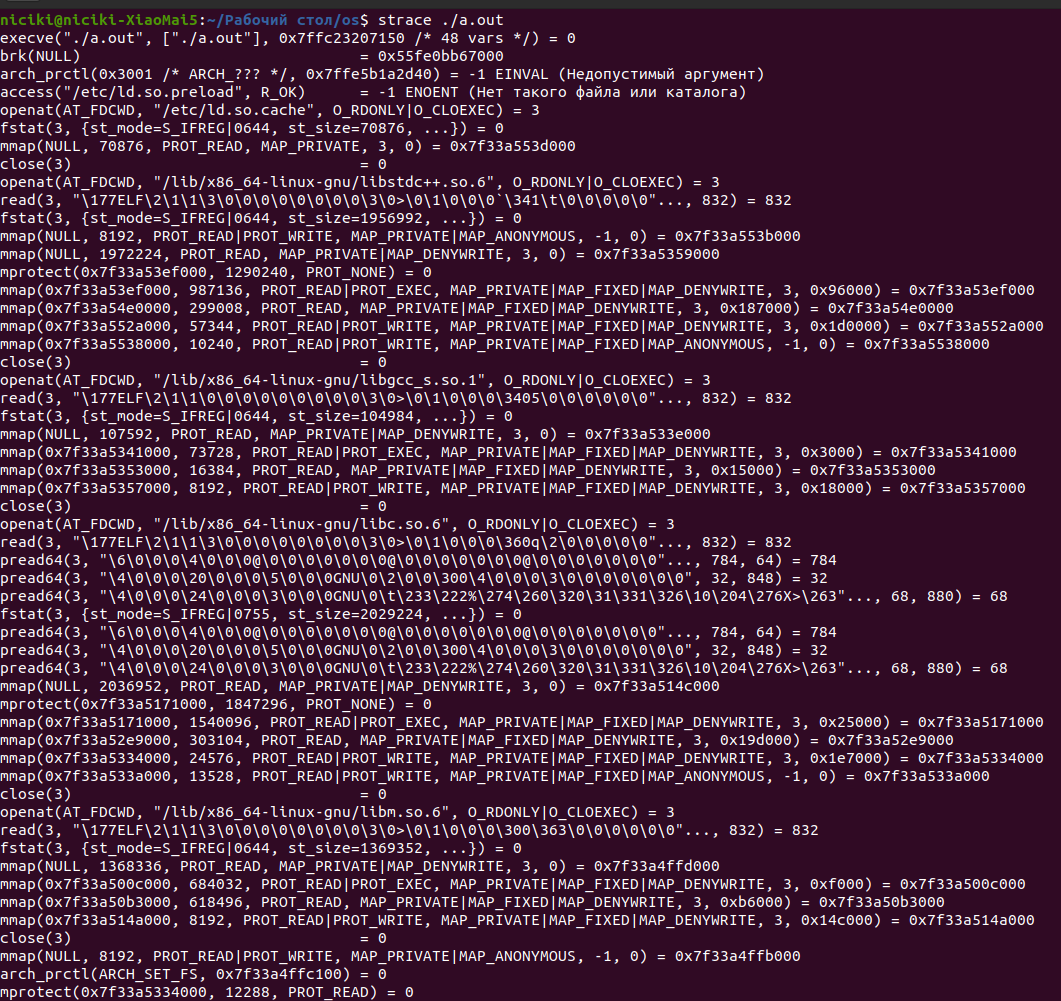
# **Strace**

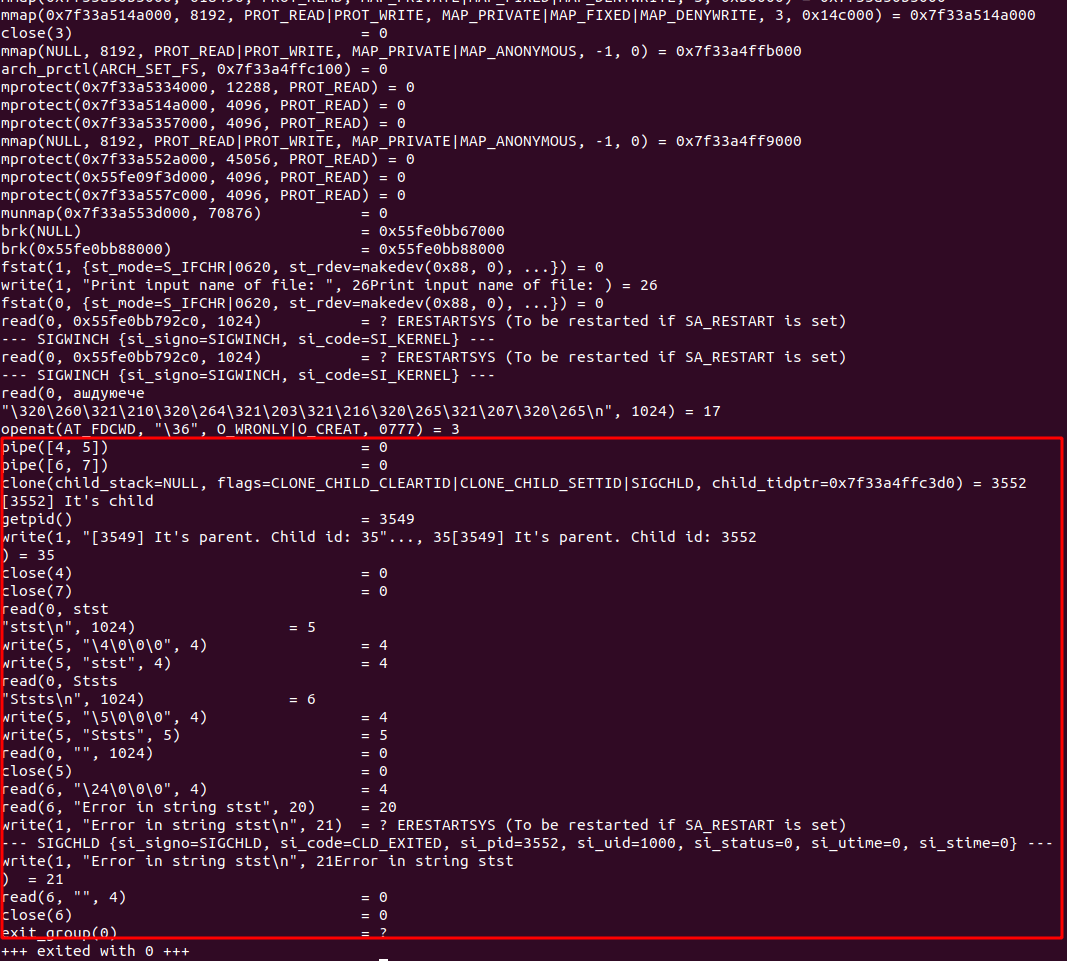
**Strace** показывает все системные вызовы программы, которые она отправляет к системе во время выполнения, а также их параметры и результат выполнения. При необходимости можно подключиться к уже запущенному процессу.

Strace имеет следующие(и не только) ключи

* **-i** — выводить указатель на инструкцию во время выполнения системного вызова
* **-o** — выводить всю информацию о системных вызовах не в стандартный поток ошибок, а в файл
* **-r** — выводить временную метку для каждого системного вызова
* **-T** — выводить длительность выполнения каждого системного вызова
* **-b** — если указанный системный вызов обнаружен, трассировка прекращается
* **-l** — позволяет блокировать реакцию нажатия Ctrl+C и Ctrl+Z
* **-f** — отслеживать дочерние процессы и создаваемые потоки

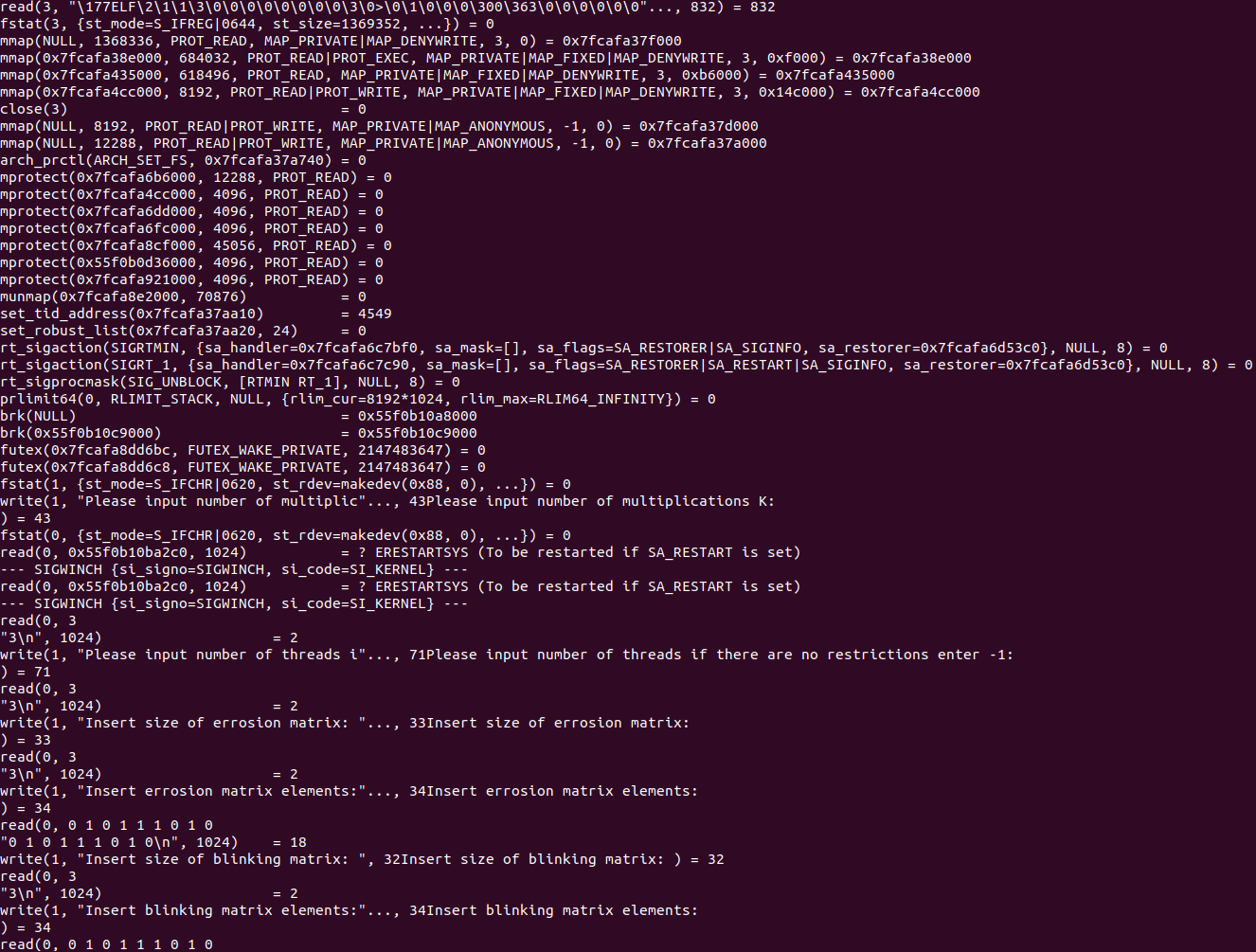
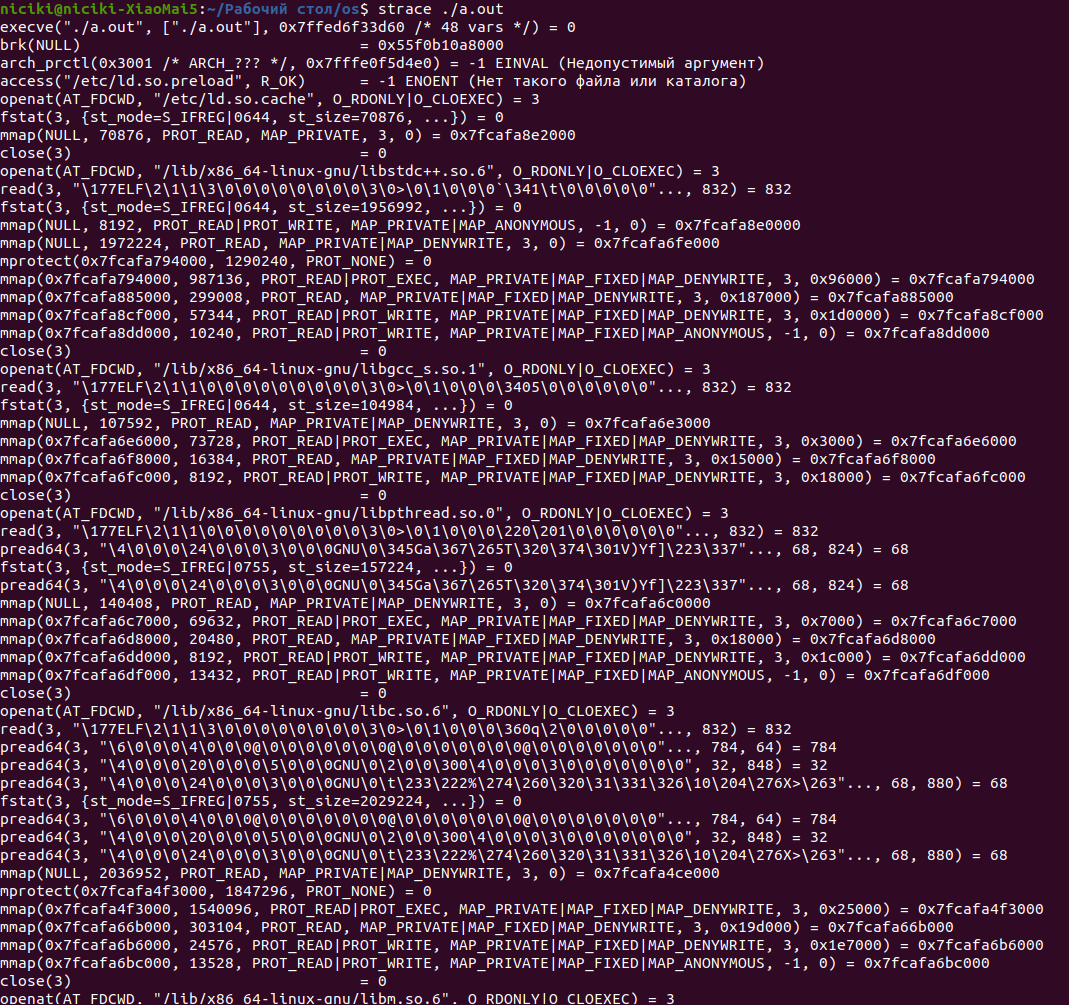
## **ЛР2:**

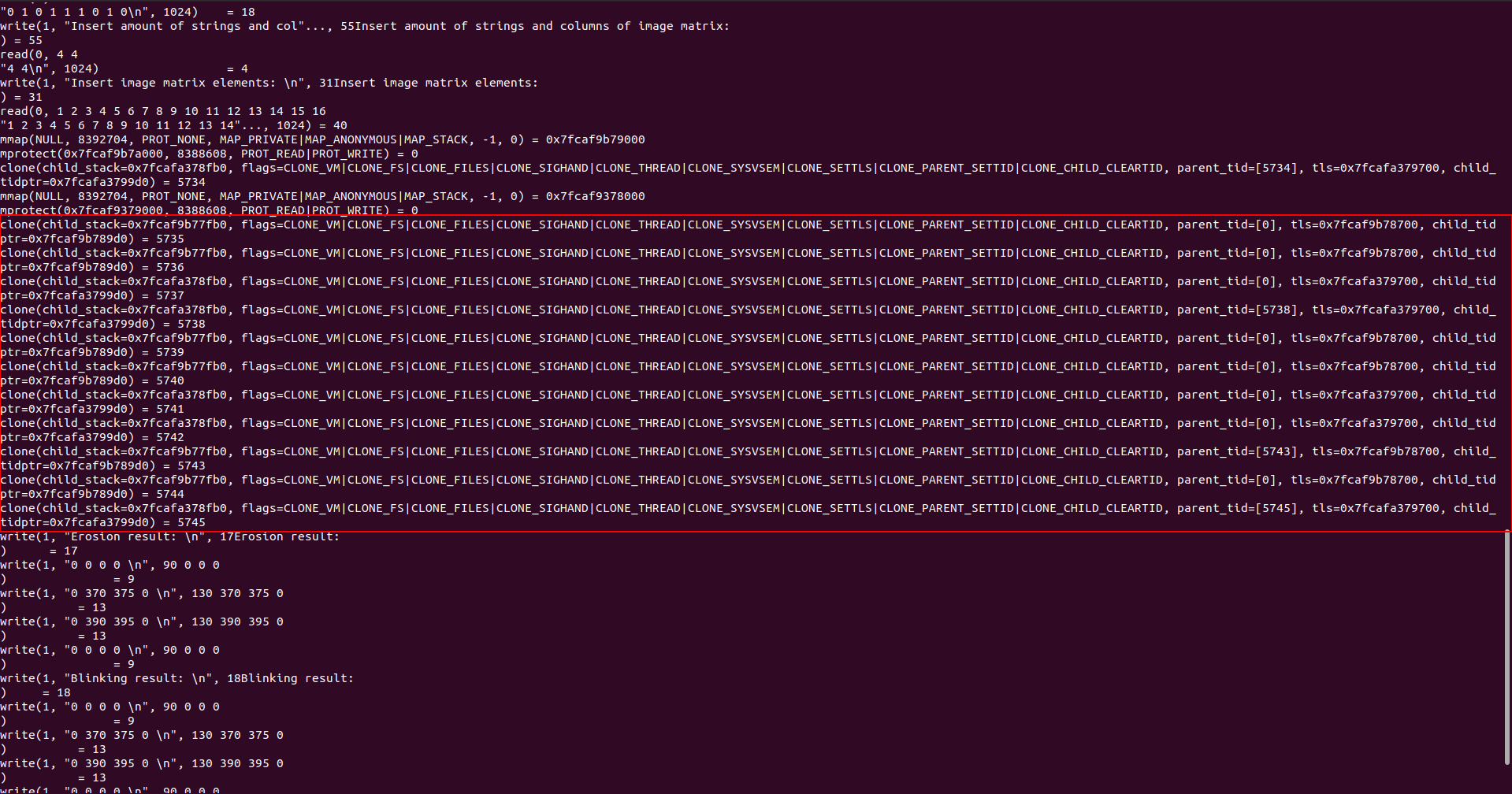




Листинг выполнения программы с использованием утилиты strace приведен в виде изображений. Создание неименнованных каналов (pipe), а также работа с ними отмечены красным прямоугольником на последнем слайде.

## **ЛР3:**



Листинг выполнения программы с использованием утилиты strace приведен в виде изображений. Работа с потоками отмечена красным прямоугольником на последнем слайде.

## **ЛР4:**

execve("./a.out", ["./a.out"], 0x7ffcb3a75800 /\* 48 vars \*/) = 0

brk(NULL) = 0x562d2b23c000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffd67cae5c0) = -1 EINVAL (Недопустимый аргумент)

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=70876, ...}) = 0

mmap(NULL, 70876, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f87b4b0f000

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`\341\t\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1956992, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f87b4b0d000

mmap(NULL, 1972224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f87b492b000

mprotect(0x7f87b49c1000, 1290240, PROT\_NONE) = 0

mmap(0x7f87b49c1000, 987136, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x96000) = 0x7f87b49c1000

mmap(0x7f87b4ab2000, 299008, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x187000) = 0x7f87b4ab2000

mmap(0x7f87b4afc000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d0000) = 0x7f87b4afc000

mmap(0x7f87b4b0a000, 10240, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f87b4b0a000

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\3405\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=104984, ...}) = 0

mmap(NULL, 107592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f87b4910000

mmap(0x7f87b4913000, 73728, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f87b4913000

mmap(0x7f87b4925000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x15000) = 0x7f87b4925000

mmap(0x7f87b4929000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7f87b4929000

close(3) = 0

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\220\201\0\0\0\0\0\0"..., 832) = 832

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\345Ga\367\265T\320\374\301V)Yf]\223\337"..., 68, 824) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=157224, ...}) = 0

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\345Ga\367\265T\320\374\301V)Yf]\223\337"..., 68, 824) = 68

mmap(NULL, 140408, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f87b48ed000

mmap(0x7f87b48f4000, 69632, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x7000) = 0x7f87b48f4000

mmap(0x7f87b4905000, 20480, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7f87b4905000

mmap(0x7f87b490a000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1c000) = 0x7f87b490a000

mmap(0x7f87b490c000, 13432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f87b490c000

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\0\360q\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\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=2029224, ...}) = 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

pread64(3, "\4\0\0\0\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

mmap(NULL, 2036952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f87b46fb000

mprotect(0x7f87b4720000, 1847296, PROT\_NONE) = 0

mmap(0x7f87b4720000, 1540096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25000) = 0x7f87b4720000

mmap(0x7f87b4898000, 303104, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19d000) = 0x7f87b4898000

mmap(0x7f87b48e3000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e7000) = 0x7f87b48e3000

mmap(0x7f87b48e9000, 13528, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f87b48e9000

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\300\363\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1369352, ...}) = 0

mmap(NULL, 1368336, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f87b45ac000

mmap(0x7f87b45bb000, 684032, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xf000) = 0x7f87b45bb000

mmap(0x7f87b4662000, 618496, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb6000) = 0x7f87b4662000

mmap(0x7f87b46f9000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14c000) = 0x7f87b46f9000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f87b45aa000

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f87b45a7000

arch\_prctl(ARCH\_SET\_FS, 0x7f87b45a7740) = 0

mprotect(0x7f87b48e3000, 12288, PROT\_READ) = 0

mprotect(0x7f87b46f9000, 4096, PROT\_READ) = 0

mprotect(0x7f87b490a000, 4096, PROT\_READ) = 0

mprotect(0x7f87b4929000, 4096, PROT\_READ) = 0

mprotect(0x7f87b4afc000, 45056, PROT\_READ) = 0

mprotect(0x562d2955b000, 4096, PROT\_READ) = 0

mprotect(0x7f87b4b4e000, 4096, PROT\_READ) = 0

munmap(0x7f87b4b0f000, 70876) = 0

set\_tid\_address(0x7f87b45a7a10) = 11254

set\_robust\_list(0x7f87b45a7a20, 24) = 0

rt\_sigaction(SIGRTMIN, {sa\_handler=0x7f87b48f4bf0, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_SIGINFO, sa\_restorer=0x7f87b49023c0}, NULL, 8) = 0

rt\_sigaction(SIGRT\_1, {sa\_handler=0x7f87b48f4c90, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_RESTART|SA\_SIGINFO, sa\_restorer=0x7f87b49023c0}, NULL, 8) = 0

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

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

brk(NULL) = 0x562d2b23c000

brk(0x562d2b25d000) = 0x562d2b25d000

futex(0x7f87b4b0a6bc, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

futex(0x7f87b4b0a6c8, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

statfs("/dev/shm/", {f\_type=TMPFS\_MAGIC, f\_bsize=4096, f\_blocks=1006019, f\_bfree=990187, f\_bavail=990187, f\_files=1006019, f\_ffree=1005910, f\_fsid={val=[0, 0]}, f\_namelen=255, f\_frsize=4096, f\_flags=ST\_VALID|ST\_NOSUID|ST\_NODEV}) = 0

futex(0x7f87b490f390, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

unlink("/dev/shm/sem.input\_semaphor") = 0

unlink("/dev/shm/sem.output\_semaphor") = 0

openat(AT\_FDCWD, "/dev/shm/sem.input\_semaphor", O\_RDWR|O\_NOFOLLOW) = -1 ENOENT (Нет такого файла или каталога)

getpid() = 11254

lstat("/dev/shm/0NMf3a", 0x7ffd67cae1a0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/dev/shm/0NMf3a", O\_RDWR|O\_CREAT|O\_EXCL, 01411) = 3

write(3, "\1\0\0\0\0\0\0\0\200\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0", 32) = 32

mmap(NULL, 32, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f87b4b4d000

link("/dev/shm/0NMf3a", "/dev/shm/sem.input\_semaphor") = 0

fstat(3, {st\_mode=S\_IFREG|S\_ISVTX|0411, st\_size=32, ...}) = 0

unlink("/dev/shm/0NMf3a") = 0

close(3) = 0

openat(AT\_FDCWD, "/dev/shm/sem.output\_semaphor", O\_RDWR|O\_NOFOLLOW) = -1 ENOENT (Нет такого файла или каталога)

getpid() = 11254

lstat("/dev/shm/wYsBrc", 0x7ffd67cae1a0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/dev/shm/wYsBrc", O\_RDWR|O\_CREAT|O\_EXCL, 01411) = 3

write(3, "\0\0\0\0\0\0\0\0\200\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0", 32) = 32

mmap(NULL, 32, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f87b4b20000

link("/dev/shm/wYsBrc", "/dev/shm/sem.output\_semaphor") = 0

fstat(3, {st\_mode=S\_IFREG|S\_ISVTX|0411, st\_size=32, ...}) = 0

unlink("/dev/shm/wYsBrc") = 0

close(3) = 0

openat(AT\_FDCWD, "pipe1.txt", O\_RDWR|O\_CREAT, 0777) = 3

openat(AT\_FDCWD, "pipe2.txt", O\_RDWR|O\_CREAT, 0777) = 4

mmap(NULL, 4096, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f87b4b1f000

mmap(NULL, 4096, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 4, 0) = 0x7f87b4b1e000

fstat(1, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}) = 0

write(1, "Print input name of file: ", 26) = 26

fstat(0, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}) = 0

read(0, "test.txt\n", 1024) = 9

openat(AT\_FDCWD, "test.txt", O\_WRONLY|O\_CREAT, 0777) = 5

clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLD, child\_tidptr=0x7f87b45a7a10) = 11275

getpid() = 11254

write(1, "[11254] It's parent. Child id: 1"..., 37) = 37

futex(0x7f87b4b20000, FUTEX\_WAKE, 1) = 1

read(0, "afsgdf\n", 1024) = 7

ftruncate(3, 7) = 0

read(0, "fgxc\n", 1024) = 5

ftruncate(3, 12) = 0

read(0, "zxcm,\n", 1024) = 6

ftruncate(3, 18) = 0

read(0, "shdh,\n", 1024) = 6

ftruncate(3, 24) = 0

read(0, "rtj\n", 1024) = 4

ftruncate(3, 28) = 0

read(0, "bxvmbcbv\n", 1024) = 9

ftruncate(3, 37) = 0

read(0, "ndshfk\n", 1024) = 7

ftruncate(3, 44) = 0

read(0, "fh.khdjfkg\n", 1024) = 11

ftruncate(3, 55) = 0

read(0, "YA\n", 1024) = 3

ftruncate(3, 58) = 0

read(0, "JKD\n", 1024) = 4

ftruncate(3, 62) = 0

read(0, "ajsd,j\n", 1024) = 7

ftruncate(3, 69) = 0

read(0, "zgfdhkf\n", 1024) = 8

ftruncate(3, 77) = 0

read(0, "AHD\n", 1024) = 4

ftruncate(3, 81) = 0

read(0, "HJH,\n", 1024) = 5

ftruncate(3, 86) = 0

read(0, "ARJDFJ\n", 1024) = 7

ftruncate(3, 93) = 0

read(0, "ahsjdk\n", 1024) = 7

ftruncate(3, 100) = 0

read(0, "AYSTJK\n", 1024) = 7

ftruncate(3, 107) = 0

read(0, "asffas\n", 1024) = 7

ftruncate(3, 114) = 0

read(0, "vxczv\n", 1024) = 6

ftruncate(3, 120) = 0

read(0, "SDFA\n", 1024) = 5

ftruncate(3, 125) = 0

read(0, "vaxc\n", 1024) = 5

ftruncate(3, 130) = 0

read(0, "DFS\n", 1024) = 4

ftruncate(3, 134) = 0

read(0, "FGD\n", 1024) = 4

ftruncate(3, 138) = 0

read(0, "BC\n", 1024) = 3

ftruncate(3, 141) = 0

read(0, "fdf\n", 1024) = 4

ftruncate(3, 145) = 0

read(0, "xbvc\n", 1024) = 5

ftruncate(3, 150) = 0

read(0, "xcn\n", 1024) = 4

ftruncate(3, 154) = 0

read(0, "", 1024) = 0

futex(0x7f87b4b4d000, FUTEX\_WAKE, 1) = 1

futex(0x7f87b4b4d000, FUTEX\_WAIT\_BITSET|FUTEX\_CLOCK\_REALTIME, 0, NULL, FUTEX\_BITSET\_MATCH\_ANY) = 0

--- SIGCHLD {si\_signo=SIGCHLD, si\_code=CLD\_EXITED, si\_pid=11275, si\_uid=1000, si\_status=0, si\_utime=0, si\_stime=0} ---

fstat(4, {st\_mode=S\_IFREG|0775, st\_size=380, ...}) = 0

write(1, "Error in string afsgdf\n", 23) = 23

write(1, "Error in string fgxc\n", 21) = 21

write(1, "Error in string zxcm,\n", 22) = 22

write(1, "Error in string shdh,\n", 22) = 22

write(1, "Error in string rtj\n", 20) = 20

write(1, "Error in string bxvmbcbv\n", 25) = 25

write(1, "Error in string ndshfk\n", 23) = 23

write(1, "Error in string fh.khdjfkg\n", 27) = 27

write(1, "Error in string ajsd,j\n", 23) = 23

write(1, "Error in string zgfdhkf\n", 24) = 24

write(1, "Error in string ahsjdk\n", 23) = 23

write(1, "Error in string asffas\n", 23) = 23

write(1, "Error in string vxczv\n", 22) = 22

write(1, "Error in string vaxc\n", 21) = 21

write(1, "Error in string fdf\n", 20) = 20

write(1, "Error in string xbvc\n", 21) = 21

write(1, "Error in string xcn\n", 20) = 20

close(3) = 0

close(4) = 0

close(5) = 0

munmap(0x7f87b4b1f000, 4096) = 0

munmap(0x7f87b4b1e000, 4096) = 0

unlink("pipe1.txt") = 0

unlink("pipe2.txt") = 0

exit\_group(0) = ?

+++ exited with 0 +++

## **ЛР 5:**

**Для main1.out:**

execve("./main1.out", ["./main1.out"], 0x7fff4e930790 /\* 48 vars \*/) = 0

brk(NULL) = 0x5605fa247000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffc23ea2ab0) = -1 EINVAL (Недопустимый аргумент)

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

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libd1.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libd1.so", 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"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0775, st\_size=35712, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f44c5e24000

getcwd("/home/niciki/\320\240\320\260\320\261\320\276\321\207\320\270\320\271 \321\201\321\202\320\276\320\273/os/lab5", 128) = 45

mmap(NULL, 29352, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f44c5e1c000

mmap(0x7f44c5e1f000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f44c5e1f000

mmap(0x7f44c5e21000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x5000) = 0x7f44c5e21000

mmap(0x7f44c5e22000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x5000) = 0x7f44c5e22000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=71116, ...}) = 0

mmap(NULL, 71116, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f44c5e0a000

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`\341\t\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1956992, ...}) = 0

mmap(NULL, 1972224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f44c5c28000

mprotect(0x7f44c5cbe000, 1290240, PROT\_NONE) = 0

mmap(0x7f44c5cbe000, 987136, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x96000) = 0x7f44c5cbe000

mmap(0x7f44c5daf000, 299008, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x187000) = 0x7f44c5daf000

mmap(0x7f44c5df9000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d0000) = 0x7f44c5df9000

mmap(0x7f44c5e07000, 10240, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f44c5e07000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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\300\363\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1369352, ...}) = 0

mmap(NULL, 1368336, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f44c5ad9000

mmap(0x7f44c5ae8000, 684032, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xf000) = 0x7f44c5ae8000

mmap(0x7f44c5b8f000, 618496, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb6000) = 0x7f44c5b8f000

mmap(0x7f44c5c26000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14c000) = 0x7f44c5c26000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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\0\360q\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\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=2029224, ...}) = 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

pread64(3, "\4\0\0\0\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

mmap(NULL, 2036952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f44c58e7000

mprotect(0x7f44c590c000, 1847296, PROT\_NONE) = 0

mmap(0x7f44c590c000, 1540096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25000) = 0x7f44c590c000

mmap(0x7f44c5a84000, 303104, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19d000) = 0x7f44c5a84000

mmap(0x7f44c5acf000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e7000) = 0x7f44c5acf000

mmap(0x7f44c5ad5000, 13528, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f44c5ad5000

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\3405\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=104984, ...}) = 0

mmap(NULL, 107592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f44c58cc000

mmap(0x7f44c58cf000, 73728, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f44c58cf000

mmap(0x7f44c58e1000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x15000) = 0x7f44c58e1000

mmap(0x7f44c58e5000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7f44c58e5000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f44c58ca000

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f44c58c7000

arch\_prctl(ARCH\_SET\_FS, 0x7f44c58c7740) = 0

mprotect(0x7f44c5acf000, 12288, PROT\_READ) = 0

mprotect(0x7f44c58e5000, 4096, PROT\_READ) = 0

mprotect(0x7f44c5c26000, 4096, PROT\_READ) = 0

mprotect(0x7f44c5df9000, 45056, PROT\_READ) = 0

mprotect(0x7f44c5e22000, 4096, PROT\_READ) = 0

mprotect(0x5605f92ab000, 4096, PROT\_READ) = 0

mprotect(0x7f44c5e53000, 4096, PROT\_READ) = 0

munmap(0x7f44c5e0a000, 71116) = 0

brk(NULL) = 0x5605fa247000

brk(0x5605fa268000) = 0x5605fa268000

fstat(0, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x2), ...}) = 0

read(0, 0x5605fa258eb0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

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

read(0, 0x5605fa258eb0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

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

read(0, 1 3 4

"1 3 4\n", 1024) = 6

fstat(1, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x2), ...}) = 0

write(1, "12\n", 312

) = 3

read(0, 2 4

"2 4\n", 1024) = 4

write(1, "100\n", 4100

) = 4

read(0, 2 2

"2 2\n", 1024) = 4

write(1, "10\n", 310

) = 3

read(0, "", 1024) = 0

exit\_group(0) = ?

+++ exited with 0 +++

**Для main2.out:**

execve("./main2.out", ["./main2.out"], 0x7fff65c72c80 /\* 48 vars \*/) = 0

brk(NULL) = 0x55a824a7e000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7fffdad93540) = -1 EINVAL (Недопустимый аргумент)

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

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

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

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

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

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

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

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

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

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=71116, ...}) = 0

mmap(NULL, 71116, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7faec820e000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libdl.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 \22\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=18816, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7faec820c000

mmap(NULL, 20752, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec8206000

mmap(0x7faec8207000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1000) = 0x7faec8207000

mmap(0x7faec8209000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7faec8209000

mmap(0x7faec820a000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7faec820a000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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`\341\t\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1956992, ...}) = 0

mmap(NULL, 1972224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec8024000

mprotect(0x7faec80ba000, 1290240, PROT\_NONE) = 0

mmap(0x7faec80ba000, 987136, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x96000) = 0x7faec80ba000

mmap(0x7faec81ab000, 299008, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x187000) = 0x7faec81ab000

mmap(0x7faec81f5000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d0000) = 0x7faec81f5000

mmap(0x7faec8203000, 10240, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7faec8203000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libm.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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\300\363\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1369352, ...}) = 0

mmap(NULL, 1368336, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec7ed5000

mmap(0x7faec7ee4000, 684032, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xf000) = 0x7faec7ee4000

mmap(0x7faec7f8b000, 618496, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb6000) = 0x7faec7f8b000

mmap(0x7faec8022000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14c000) = 0x7faec8022000

close(3) = 0

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

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

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

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

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

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

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

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

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\3405\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=104984, ...}) = 0

mmap(NULL, 107592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec7eba000

mmap(0x7faec7ebd000, 73728, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7faec7ebd000

mmap(0x7faec7ecf000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x15000) = 0x7faec7ecf000

mmap(0x7faec7ed3000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7faec7ed3000

close(3) = 0

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libc.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

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\0\360q\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\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=2029224, ...}) = 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

pread64(3, "\4\0\0\0\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

mmap(NULL, 2036952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec7cc8000

mprotect(0x7faec7ced000, 1847296, PROT\_NONE) = 0

mmap(0x7faec7ced000, 1540096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25000) = 0x7faec7ced000

mmap(0x7faec7e65000, 303104, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19d000) = 0x7faec7e65000

mmap(0x7faec7eb0000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e7000) = 0x7faec7eb0000

mmap(0x7faec7eb6000, 13528, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7faec7eb6000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7faec7cc6000

mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7faec7cc3000

arch\_prctl(ARCH\_SET\_FS, 0x7faec7cc3740) = 0

mprotect(0x7faec7eb0000, 12288, PROT\_READ) = 0

mprotect(0x7faec7ed3000, 4096, PROT\_READ) = 0

mprotect(0x7faec8022000, 4096, PROT\_READ) = 0

mprotect(0x7faec81f5000, 45056, PROT\_READ) = 0

mprotect(0x7faec820a000, 4096, PROT\_READ) = 0

mprotect(0x55a822c4b000, 4096, PROT\_READ) = 0

mprotect(0x7faec824d000, 4096, PROT\_READ) = 0

munmap(0x7faec820e000, 71116) = 0

brk(NULL) = 0x55a824a7e000

brk(0x55a824a9f000) = 0x55a824a9f000

openat(AT\_FDCWD, "./tls/x86\_64/x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./tls/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./x86\_64/libd2.so", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "./libd2.so", 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"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0775, st\_size=35712, ...}) = 0

getcwd("/home/niciki/\320\240\320\260\320\261\320\276\321\207\320\270\320\271 \321\201\321\202\320\276\320\273/os/lab5", 128) = 45

mmap(NULL, 29352, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7faec8218000

mmap(0x7faec821b000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7faec821b000

mmap(0x7faec821d000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x5000) = 0x7faec821d000

mmap(0x7faec821e000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x5000) = 0x7faec821e000

close(3) = 0

mprotect(0x7faec821e000, 4096, PROT\_READ) = 0

fstat(0, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x2), ...}) = 0

read(0, 1 2 3

"1 2 3\n", 1024) = 6

fstat(1, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x2), ...}) = 0

write(1, "3\n", 23

) = 2

read(0, 2 4

"2 4\n", 1024) = 4

write(1, "11\n", 311

) = 3

read(0, ^Z

[2]+ Остановлен strace ./main2.out

## **ЛР 6:**

execve("./main\_prog", ["./main\_prog"], 0x7ffdaa21bc10 /\* 49 vars \*/) = 0

brk(NULL) = 0x55864355c000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffe397c15d0) = -1 EINVAL (Недопустимый аргумент)

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=73408, ...}) = 0

mmap(NULL, 73408, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f85babc5000

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`z\1\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=675776, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85babc3000

mmap(NULL, 678128, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85bab1d000

mmap(0x7f85bab33000, 430080, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x16000) = 0x7f85bab33000

mmap(0x7f85bab9c000, 126976, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x7f000) = 0x7f85bab9c000

mmap(0x7f85babbb000, 32768, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9d000) = 0x7f85babbb000

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`\341\t\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1956992, ...}) = 0

mmap(NULL, 1972224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba93b000

mprotect(0x7f85ba9d1000, 1290240, PROT\_NONE) = 0

mmap(0x7f85ba9d1000, 987136, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x96000) = 0x7f85ba9d1000

mmap(0x7f85baac2000, 299008, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x187000) = 0x7f85baac2000

mmap(0x7f85bab0c000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d0000) = 0x7f85bab0c000

mmap(0x7f85bab1a000, 10240, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85bab1a000

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\3405\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=104984, ...}) = 0

mmap(NULL, 107592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba920000

mmap(0x7f85ba923000, 73728, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f85ba923000

mmap(0x7f85ba935000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x15000) = 0x7f85ba935000

mmap(0x7f85ba939000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7f85ba939000

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\0\360q\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\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=2029224, ...}) = 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

pread64(3, "\4\0\0\0\20\0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0", 32, 848) = 32

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\t\233\222%\274\260\320\31\331\326\10\204\276X>\263"..., 68, 880) = 68

mmap(NULL, 2036952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba72e000

mprotect(0x7f85ba753000, 1847296, PROT\_NONE) = 0

mmap(0x7f85ba753000, 1540096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25000) = 0x7f85ba753000

mmap(0x7f85ba8cb000, 303104, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19d000) = 0x7f85ba8cb000

mmap(0x7f85ba916000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e7000) = 0x7f85ba916000

mmap(0x7f85ba91c000, 13528, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba91c000

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\200\302\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=355016, ...}) = 0

mmap(NULL, 357384, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba6d6000

mmap(0x7f85ba6e2000, 229376, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f85ba6e2000

mmap(0x7f85ba71a000, 73728, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x44000) = 0x7f85ba71a000

mmap(0x7f85ba72c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x55000) = 0x7f85ba72c000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpgm-5.2.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\240L\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=302056, ...}) = 0

mmap(NULL, 321584, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba687000

mmap(0x7f85ba68b000, 163840, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba68b000

mmap(0x7f85ba6b3000, 118784, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2c000) = 0x7f85ba6b3000

mmap(0x7f85ba6d0000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x48000) = 0x7f85ba6d0000

mmap(0x7f85ba6d2000, 14384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba6d2000

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\0\257\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=690344, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba685000

mmap(NULL, 1420000, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba52a000

mmap(0x7f85ba534000, 421888, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f85ba534000

mmap(0x7f85ba59b000, 217088, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x71000) = 0x7f85ba59b000

mmap(0x7f85ba5d0000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa5000) = 0x7f85ba5d0000

mmap(0x7f85ba5d4000, 723680, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba5d4000

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\0P\321\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=309712, ...}) = 0

mmap(NULL, 312128, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba4dd000

mmap(0x7f85ba4e8000, 204800, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f85ba4e8000

mmap(0x7f85ba51a000, 49152, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3d000) = 0x7f85ba51a000

mmap(0x7f85ba526000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x48000) = 0x7f85ba526000

close(3) = 0

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\220\201\0\0\0\0\0\0"..., 832) = 832

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\345Ga\367\265T\320\374\301V)Yf]\223\337"..., 68, 824) = 68

fstat(3, {st\_mode=S\_IFREG|0755, st\_size=157224, ...}) = 0

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\345Ga\367\265T\320\374\301V)Yf]\223\337"..., 68, 824) = 68

mmap(NULL, 140408, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba4ba000

mmap(0x7f85ba4c1000, 69632, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x7000) = 0x7f85ba4c1000

mmap(0x7f85ba4d2000, 20480, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x18000) = 0x7f85ba4d2000

mmap(0x7f85ba4d7000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1c000) = 0x7f85ba4d7000

mmap(0x7f85ba4d9000, 13432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba4d9000

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\300\363\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=1369352, ...}) = 0

mmap(NULL, 1368336, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba36b000

mmap(0x7f85ba37a000, 684032, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xf000) = 0x7f85ba37a000

mmap(0x7f85ba421000, 618496, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb6000) = 0x7f85ba421000

mmap(0x7f85ba4b8000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14c000) = 0x7f85ba4b8000

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 ?\2\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=902016, ...}) = 0

mmap(NULL, 904640, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba28e000

mprotect(0x7f85ba2b0000, 700416, PROT\_NONE) = 0

mmap(0x7f85ba2b0000, 397312, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x22000) = 0x7f85ba2b0000

mmap(0x7f85ba311000, 299008, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x83000) = 0x7f85ba311000

mmap(0x7f85ba35b000, 65536, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xcc000) = 0x7f85ba35b000

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\240D\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=191040, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba28c000

mmap(NULL, 196696, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba25b000

mprotect(0x7f85ba25f000, 172032, PROT\_NONE) = 0

mmap(0x7f85ba25f000, 114688, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba25f000

mmap(0x7f85ba27b000, 53248, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x20000) = 0x7f85ba27b000

mmap(0x7f85ba289000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2d000) = 0x7f85ba289000

mmap(0x7f85ba28b000, 88, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba28b000

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\200$\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=22600, ...}) = 0

mmap(NULL, 24744, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba254000

mmap(0x7f85ba256000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f85ba256000

mmap(0x7f85ba258000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba258000

mmap(0x7f85ba259000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba259000

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\3605\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=56096, ...}) = 0

mmap(NULL, 58344, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba245000

mmap(0x7f85ba248000, 28672, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f85ba248000

mmap(0x7f85ba24f000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f85ba24f000

mmap(0x7f85ba252000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f85ba252000

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"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=22600, ...}) = 0

mmap(NULL, 24592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba23e000

mmap(0x7f85ba240000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f85ba240000

mmap(0x7f85ba242000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba242000

mmap(0x7f85ba243000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba243000

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 G\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=101320, ...}) = 0

mmap(NULL, 113280, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba222000

mprotect(0x7f85ba226000, 81920, PROT\_NONE) = 0

mmap(0x7f85ba226000, 65536, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f85ba226000

mmap(0x7f85ba236000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x14000) = 0x7f85ba236000

mmap(0x7f85ba23a000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x17000) = 0x7f85ba23a000

mmap(0x7f85ba23c000, 6784, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba23c000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libdl.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 \22\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=18816, ...}) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba220000

mmap(NULL, 20752, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba21a000

mmap(0x7f85ba21b000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1000) = 0x7f85ba21b000

mmap(0x7f85ba21d000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f85ba21d000

mmap(0x7f85ba21e000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f85ba21e000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba218000

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba216000

arch\_prctl(ARCH\_SET\_FS, 0x7f85ba219600) = 0

mprotect(0x7f85ba916000, 12288, PROT\_READ) = 0

mprotect(0x7f85ba21e000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba23a000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba243000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba252000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba4d7000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba259000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba289000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba35b000, 57344, PROT\_READ) = 0

mprotect(0x7f85ba4b8000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba526000, 8192, PROT\_READ) = 0

mprotect(0x7f85ba939000, 4096, PROT\_READ) = 0

mprotect(0x7f85bab0c000, 45056, PROT\_READ) = 0

mprotect(0x7f85ba5d0000, 12288, PROT\_READ) = 0

mprotect(0x7f85ba6d0000, 4096, PROT\_READ) = 0

mprotect(0x7f85ba72c000, 4096, PROT\_READ) = 0

mprotect(0x7f85babbb000, 28672, PROT\_READ) = 0

mprotect(0x55864295f000, 4096, PROT\_READ) = 0

mprotect(0x7f85bac04000, 4096, PROT\_READ) = 0

munmap(0x7f85babc5000, 73408) = 0

set\_tid\_address(0x7f85ba2198d0) = 36901

set\_robust\_list(0x7f85ba2198e0, 24) = 0

rt\_sigaction(SIGRTMIN, {sa\_handler=0x7f85ba4c1bf0, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_SIGINFO, sa\_restorer=0x7f85ba4cf3c0}, NULL, 8) = 0

rt\_sigaction(SIGRT\_1, {sa\_handler=0x7f85ba4c1c90, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_RESTART|SA\_SIGINFO, sa\_restorer=0x7f85ba4cf3c0}, NULL, 8) = 0

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

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

brk(NULL) = 0x55864355c000

brk(0x55864357d000) = 0x55864357d000

futex(0x7f85bab1a6bc, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

futex(0x7f85bab1a6c8, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

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

read(3, "0-3\n", 8192) = 4

close(3) = 0

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

fstat(3, {st\_mode=S\_IFDIR|0755, st\_size=0, ...}) = 0

getdents64(3, /\* 22 entries \*/, 32768) = 656

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

close(3) = 0

getpid() = 36901

sched\_getaffinity(36901, 128, [0, 1, 2, 3]) = 8

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=542, ...}) = 0

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

read(3, "", 4096) = 0

close(3) = 0

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=73408, ...}) = 0

mmap(NULL, 73408, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f85babc5000

close(3) = 0

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)

stat("/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/tls", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64-linux-gnu/x86\_64", 0x7ffe397be740) = -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)

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

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)

stat("/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/tls", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7ffe397be740) = -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)

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

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

stat("/lib/tls/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/tls", 0x7ffe397be740) = -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)

stat("/lib/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64", 0x7ffe397be740) = -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)

stat("/lib/x86\_64", 0x7ffe397be740) = -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)

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

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)

stat("/usr/lib/tls/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/tls/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/tls", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64", 0x7ffe397be740) = -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)

stat("/usr/lib/x86\_64", 0x7ffe397be740) = -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)

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

munmap(0x7f85babc5000, 73408) = 0

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=73408, ...}) = 0

mmap(NULL, 73408, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f85babc5000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnss\_files.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\3005\0\0\0\0\0\0"..., 832) = 832

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=51832, ...}) = 0

mmap(NULL, 79672, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f85ba202000

mmap(0x7f85ba205000, 28672, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f85ba205000

mmap(0x7f85ba20c000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f85ba20c000

mmap(0x7f85ba20e000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f85ba20e000

mmap(0x7f85ba210000, 22328, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f85ba210000

close(3) = 0

mprotect(0x7f85ba20e000, 4096, PROT\_READ) = 0

munmap(0x7f85babc5000, 73408) = 0

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

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

fstat(3, {st\_mode=S\_IFREG|0644, st\_size=2932, ...}) = 0

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

lseek(3, 0, SEEK\_CUR) = 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

getrandom("\x00\xee\x95\xb1\x41\xc2\x3c\x57\xd4\x20\x87\x23\xfe\xdc\xba\xd0", 16, 0) = 16

getrandom("\x58\x07\xe2\x87\x66\xfa\x29\x08\x29\xfb\xea\xe7\x25\x66\x17\x7a", 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

epoll\_create1(EPOLL\_CLOEXEC) = 5

epoll\_ctl(5, EPOLL\_CTL\_ADD, 4, {0, {u32=1129770336, u64=94035143748960}}) = 0

epoll\_ctl(5, EPOLL\_CTL\_MOD, 4, {EPOLLIN, {u32=1129770336, u64=94035143748960}}) = 0

mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f85b9a01000

mprotect(0x7f85b9a02000, 8388608, PROT\_READ|PROT\_WRITE) = 0

clone(child\_stack=0x7f85ba200d30, flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, parent\_tid=[36902], tls=0x7f85ba201700, child\_tidptr=0x7f85ba2019d0) = 36902

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

epoll\_create1(EPOLL\_CLOEXEC) = 7

epoll\_ctl(7, EPOLL\_CTL\_ADD, 6, {0, {u32=1129788000, u64=94035143766624}}) = 0

epoll\_ctl(7, EPOLL\_CTL\_MOD, 6, {EPOLLIN, {u32=1129788000, u64=94035143766624}}) = 0

mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f85b9200000

mprotect(0x7f85b9201000, 8388608, PROT\_READ|PROT\_WRITE) = 0

clone(child\_stack=0x7f85b99ffd30, flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, parent\_tid=[36903], tls=0x7f85b9a00700, child\_tidptr=0x7f85b9a009d0) = 36903

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

fstat(1, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x3), ...}) = 0

write(1, "Please, enter command\n", 22Please, enter command

) = 22

fstat(0, {st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x3), ...}) = 0

read(0, creat 12

"creat 12\n", 1024) = 9

write(1, "Error: incorrect command\n", 25Error: incorrect command

) = 25

write(1, "Please, enter command\n", 22Please, enter command

) = 22

write(1, "Error: incorrect command\n", 25Error: incorrect command

) = 25

write(1, "Please, enter command\n", 22Please, enter command

) = 22

read(0, create 14

"create 14\n", 1024) = 10

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

socket(AF\_NETLINK, SOCK\_RAW|SOCK\_CLOEXEC, NETLINK\_ROUTE) = 9

bind(9, {sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, 12) = 0

getsockname(9, {sa\_family=AF\_NETLINK, nl\_pid=36901, nl\_groups=00000000}, [12]) = 0

sendto(9, {{len=20, type=RTM\_GETLINK, flags=NLM\_F\_REQUEST|NLM\_F\_DUMP, seq=1639914113, pid=0}, {ifi\_family=AF\_UNSPEC, ...}}, 20, 0, {sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, 12) = 20

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base=[{{len=1320, type=RTM\_NEWLINK, flags=NLM\_F\_MULTI, seq=1639914113, pid=36901}, {ifi\_family=AF\_UNSPEC, ifi\_type=ARPHRD\_LOOPBACK, ifi\_index=if\_nametoindex("lo"), ifi\_flags=IFF\_UP|IFF\_LOOPBACK|IFF\_RUNNING|IFF\_LOWER\_UP, ifi\_change=0}, [{{nla\_len=7, nla\_type=IFLA\_IFNAME}, "lo"}, {{nla\_len=8, nla\_type=IFLA\_TXQLEN}, 1000}, {{nla\_len=5, nla\_type=IFLA\_OPERSTATE}, 0}, {{nla\_len=5, nla\_type=IFLA\_LINKMODE}, 0}, {{nla\_len=8, nla\_type=IFLA\_MTU}, 65536}, {{nla\_len=8, nla\_type=IFLA\_MIN\_MTU}, 0}, {{nla\_len=8, nla\_type=IFLA\_MAX\_MTU}, 0}, {{nla\_len=8, nla\_type=IFLA\_GROUP}, 0}, {{nla\_len=8, nla\_type=IFLA\_PROMISCUITY}, 0}, {{nla\_len=8, nla\_type=IFLA\_NUM\_TX\_QUEUES}, 1}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SEGS}, 65535}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SIZE}, 65536}, {{nla\_len=8, nla\_type=IFLA\_NUM\_RX\_QUEUES}, 1}, {{nla\_len=5, nla\_type=IFLA\_CARRIER}, 1}, {{nla\_len=12, nla\_type=IFLA\_QDISC}, "noqueue"}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_CHANGES}, 0}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_UP\_COUNT}, 0}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_DOWN\_COUNT}, 0}, {{nla\_len=5, nla\_type=IFLA\_PROTO\_DOWN}, 0}, {{nla\_len=36, nla\_type=IFLA\_MAP}, {mem\_start=0, mem\_end=0, base\_addr=0, irq=0, dma=0, port=0}}, {{nla\_len=10, nla\_type=IFLA\_ADDRESS}, "\x00\x00\x00\x00\x00\x00"}, {{nla\_len=10, nla\_type=IFLA\_BROADCAST}, "\x00\x00\x00\x00\x00\x00"}, {{nla\_len=196, nla\_type=IFLA\_STATS64}, {rx\_packets=504737, tx\_packets=504737, rx\_bytes=29732181, tx\_bytes=29732181, rx\_errors=0, tx\_errors=0, rx\_dropped=0, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=100, nla\_type=IFLA\_STATS}, {rx\_packets=504737, tx\_packets=504737, rx\_bytes=29732181, tx\_bytes=29732181, rx\_errors=0, tx\_errors=0, rx\_dropped=0, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=12, nla\_type=IFLA\_XDP}, {{nla\_len=5, nla\_type=IFLA\_XDP\_ATTACHED}, XDP\_ATTACHED\_NONE}}, {{nla\_len=764, nla\_type=IFLA\_AF\_SPEC}, [{{nla\_len=136, nla\_type=AF\_INET}, {{nla\_len=132, nla\_type=IFLA\_INET\_CONF}, [[IPV4\_DEVCONF\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_MC\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SECURE\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SEND\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SHARED\_MEDIA-1] = 1, [IPV4\_DEVCONF\_RP\_FILTER-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_SOURCE\_ROUTE-1] = 1, [IPV4\_DEVCONF\_BOOTP\_RELAY-1] = 0, [IPV4\_DEVCONF\_LOG\_MARTIANS-1] = 0, [IPV4\_DEVCONF\_TAG-1] = 0, [IPV4\_DEVCONF\_ARPFILTER-1] = 0, [IPV4\_DEVCONF\_MEDIUM\_ID-1] = 0, [IPV4\_DEVCONF\_NOXFRM-1] = 1, [IPV4\_DEVCONF\_NOPOLICY-1] = 1, [IPV4\_DEVCONF\_FORCE\_IGMP\_VERSION-1] = 0, [IPV4\_DEVCONF\_ARP\_ANNOUNCE-1] = 0, [IPV4\_DEVCONF\_ARP\_IGNORE-1] = 0, [IPV4\_DEVCONF\_PROMOTE\_SECONDARIES-1] = 1, [IPV4\_DEVCONF\_ARP\_ACCEPT-1] = 0, [IPV4\_DEVCONF\_ARP\_NOTIFY-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_LOCAL-1] = 0, [IPV4\_DEVCONF\_SRC\_VMARK-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP\_PVLAN-1] = 0, [IPV4\_DEVCONF\_ROUTE\_LOCALNET-1] = 0, [IPV4\_DEVCONF\_IGMPV2\_UNSOLICITED\_REPORT\_INTERVAL-1] = 10000, [IPV4\_DEVCONF\_IGMPV3\_UNSOLICITED\_REPORT\_INTERVAL-1] = 1000, [IPV4\_DEVCONF\_IGNORE\_ROUTES\_WITH\_LINKDOWN-1] = 0, [IPV4\_DEVCONF\_DROP\_UNICAST\_IN\_L2\_MULTICAST-1] = 0, [IPV4\_DEVCONF\_DROP\_GRATUITOUS\_ARP-1] = 0, [IPV4\_DEVCONF\_BC\_FORWARDING-1] = 0]}}, {{nla\_len=624, nla\_type=AF\_INET6}, [{{nla\_len=8, nla\_type=IFLA\_INET6\_FLAGS}, IF\_READY}, {{nla\_len=20, nla\_type=IFLA\_INET6\_CACHEINFO}, {max\_reasm\_len=65535, tstamp=3127, reachable\_time=26264, retrans\_time=1000}}, {{nla\_len=212, nla\_type=IFLA\_INET6\_CONF}, [[DEVCONF\_FORWARDING] = 0, [DEVCONF\_HOPLIMIT] = 64, [DEVCONF\_MTU6] = 65536, [DEVCONF\_ACCEPT\_RA] = 1, [DEVCONF\_ACCEPT\_REDIRECTS] = 1, [DEVCONF\_AUTOCONF] = 1, [DEVCONF\_DAD\_TRANSMITS] = 1, [DEVCONF\_RTR\_SOLICITS] = -1, [DEVCONF\_RTR\_SOLICIT\_INTERVAL] = 4000, [DEVCONF\_RTR\_SOLICIT\_DELAY] = 1000, [DEVCONF\_USE\_TEMPADDR] = -1, [DEVCONF\_TEMP\_VALID\_LFT] = 604800, [DEVCONF\_TEMP\_PREFERED\_LFT] = 86400, [DEVCONF\_REGEN\_MAX\_RETRY] = 3, [DEVCONF\_MAX\_DESYNC\_FACTOR] = 600, [DEVCONF\_MAX\_ADDRESSES] = 16, [DEVCONF\_FORCE\_MLD\_VERSION] = 0, [DEVCONF\_ACCEPT\_RA\_DEFRTR] = 1, [DEVCONF\_ACCEPT\_RA\_PINFO] = 1, [DEVCONF\_ACCEPT\_RA\_RTR\_PREF] = 1, [DEVCONF\_RTR\_PROBE\_INTERVAL] = 60000, [DEVCONF\_ACCEPT\_RA\_RT\_INFO\_MAX\_PLEN] = 0, [DEVCONF\_PROXY\_NDP] = 0, [DEVCONF\_OPTIMISTIC\_DAD] = 0, [DEVCONF\_ACCEPT\_SOURCE\_ROUTE] = 0, [DEVCONF\_MC\_FORWARDING] = 0, [DEVCONF\_DISABLE\_IPV6] = 0, [DEVCONF\_ACCEPT\_DAD] = -1, [DEVCONF\_FORCE\_TLLAO] = 0, [DEVCONF\_NDISC\_NOTIFY] = 0, [DEVCONF\_MLDV1\_UNSOLICITED\_REPORT\_INTERVAL] = 10000, [DEVCONF\_MLDV2\_UNSOLICITED\_REPORT\_INTERVAL] = 1000, ...]}, {{nla\_len=300, nla\_type=IFLA\_INET6\_STATS}, [[IPSTATS\_MIB\_NUM] = 37, [IPSTATS\_MIB\_INPKTS] = 10, [IPSTATS\_MIB\_INOCTETS] = 712, [IPSTATS\_MIB\_INDELIVERS] = 10, [IPSTATS\_MIB\_OUTFORWDATAGRAMS] = 0, [IPSTATS\_MIB\_OUTPKTS] = 10, [IPSTATS\_MIB\_OUTOCTETS] = 712, [IPSTATS\_MIB\_INHDRERRORS] = 0, [IPSTATS\_MIB\_INTOOBIGERRORS] = 0, [IPSTATS\_MIB\_INNOROUTES] = 0, [IPSTATS\_MIB\_INADDRERRORS] = 0, [IPSTATS\_MIB\_INUNKNOWNPROTOS] = 0, [IPSTATS\_MIB\_INTRUNCATEDPKTS] = 0, [IPSTATS\_MIB\_INDISCARDS] = 0, [IPSTATS\_MIB\_OUTDISCARDS] = 0, [IPSTATS\_MIB\_OUTNOROUTES] = 0, [IPSTATS\_MIB\_REASMTIMEOUT] = 0, [IPSTATS\_MIB\_REASMREQDS] = 0, [IPSTATS\_MIB\_REASMOKS] = 0, [IPSTATS\_MIB\_REASMFAILS] = 0, [IPSTATS\_MIB\_FRAGOKS] = 0, [IPSTATS\_MIB\_FRAGFAILS] = 0, [IPSTATS\_MIB\_FRAGCREATES] = 0, [IPSTATS\_MIB\_INMCASTPKTS] = 0, [IPSTATS\_MIB\_OUTMCASTPKTS] = 2, [IPSTATS\_MIB\_INBCASTPKTS] = 0, [IPSTATS\_MIB\_OUTBCASTPKTS] = 0, [IPSTATS\_MIB\_INMCASTOCTETS] = 0, [IPSTATS\_MIB\_OUTMCASTOCTETS] = 152, [IPSTATS\_MIB\_INBCASTOCTETS] = 0, [IPSTATS\_MIB\_OUTBCASTOCTETS] = 0, [IPSTATS\_MIB\_CSUMERRORS] = 0, ...]}, {{nla\_len=52, nla\_type=IFLA\_INET6\_ICMP6STATS}, [[ICMP6\_MIB\_NUM] = 6, [ICMP6\_MIB\_INMSGS] = 2, [ICMP6\_MIB\_INERRORS] = 0, [ICMP6\_MIB\_OUTMSGS] = 2, [ICMP6\_MIB\_OUTERRORS] = 0, [ICMP6\_MIB\_CSUMERRORS] = 0]}, {{nla\_len=20, nla\_type=IFLA\_INET6\_TOKEN}, inet\_pton(AF\_INET6, "::")}, {{nla\_len=5, nla\_type=IFLA\_INET6\_ADDR\_GEN\_MODE}, IN6\_ADDR\_GEN\_MODE\_EUI64}]}]}]}, {{len=1340, type=RTM\_NEWLINK, flags=NLM\_F\_MULTI, seq=1639914113, pid=36901}, {ifi\_family=AF\_UNSPEC, ifi\_type=ARPHRD\_ETHER, ifi\_index=if\_nametoindex("enp3s0"), ifi\_flags=IFF\_UP|IFF\_BROADCAST|IFF\_MULTICAST, ifi\_change=0}, [{{nla\_len=11, nla\_type=IFLA\_IFNAME}, "enp3s0"}, {{nla\_len=8, nla\_type=IFLA\_TXQLEN}, 1000}, {{nla\_len=5, nla\_type=IFLA\_OPERSTATE}, 2}, {{nla\_len=5, nla\_type=IFLA\_LINKMODE}, 0}, {{nla\_len=8, nla\_type=IFLA\_MTU}, 1500}, {{nla\_len=8, nla\_type=IFLA\_MIN\_MTU}, 68}, {{nla\_len=8, nla\_type=IFLA\_MAX\_MTU}, 9194}, {{nla\_len=8, nla\_type=IFLA\_GROUP}, 0}, {{nla\_len=8, nla\_type=IFLA\_PROMISCUITY}, 0}, {{nla\_len=8, nla\_type=IFLA\_NUM\_TX\_QUEUES}, 1}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SEGS}, 64}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SIZE}, 64000}, {{nla\_len=8, nla\_type=IFLA\_NUM\_RX\_QUEUES}, 1}, {{nla\_len=5, nla\_type=IFLA\_CARRIER}, 0}, {{nla\_len=13, nla\_type=IFLA\_QDISC}, "fq\_codel"}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_CHANGES}, 1}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_UP\_COUNT}, 0}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_DOWN\_COUNT}, 1}, {{nla\_len=5, nla\_type=IFLA\_PROTO\_DOWN}, 0}, {{nla\_len=36, nla\_type=IFLA\_MAP}, {mem\_start=0, mem\_end=0, base\_addr=0, irq=0, dma=0, port=0}}, {{nla\_len=10, nla\_type=IFLA\_ADDRESS}, "\x54\xb2\x03\x92\x1b\x27"}, {{nla\_len=10, nla\_type=IFLA\_BROADCAST}, "\xff\xff\xff\xff\xff\xff"}, {{nla\_len=196, nla\_type=IFLA\_STATS64}, {rx\_packets=0, tx\_packets=0, rx\_bytes=0, tx\_bytes=0, rx\_errors=0, tx\_errors=0, rx\_dropped=0, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=100, nla\_type=IFLA\_STATS}, {rx\_packets=0, tx\_packets=0, rx\_bytes=0, tx\_bytes=0, rx\_errors=0, tx\_errors=0, rx\_dropped=0, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=12, nla\_type=IFLA\_XDP}, {{nla\_len=5, nla\_type=IFLA\_XDP\_ATTACHED}, XDP\_ATTACHED\_NONE}}, {{nla\_len=10, nla\_type=0x36 /\* IFLA\_??? \*/}, "\x54\xb2\x03\x92\x1b\x27"}, {{nla\_len=764, nla\_type=IFLA\_AF\_SPEC}, [{{nla\_len=136, nla\_type=AF\_INET}, {{nla\_len=132, nla\_type=IFLA\_INET\_CONF}, [[IPV4\_DEVCONF\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_MC\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SECURE\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SEND\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SHARED\_MEDIA-1] = 1, [IPV4\_DEVCONF\_RP\_FILTER-1] = 2, [IPV4\_DEVCONF\_ACCEPT\_SOURCE\_ROUTE-1] = 1, [IPV4\_DEVCONF\_BOOTP\_RELAY-1] = 0, [IPV4\_DEVCONF\_LOG\_MARTIANS-1] = 0, [IPV4\_DEVCONF\_TAG-1] = 0, [IPV4\_DEVCONF\_ARPFILTER-1] = 0, [IPV4\_DEVCONF\_MEDIUM\_ID-1] = 0, [IPV4\_DEVCONF\_NOXFRM-1] = 0, [IPV4\_DEVCONF\_NOPOLICY-1] = 0, [IPV4\_DEVCONF\_FORCE\_IGMP\_VERSION-1] = 0, [IPV4\_DEVCONF\_ARP\_ANNOUNCE-1] = 0, [IPV4\_DEVCONF\_ARP\_IGNORE-1] = 0, [IPV4\_DEVCONF\_PROMOTE\_SECONDARIES-1] = 1, [IPV4\_DEVCONF\_ARP\_ACCEPT-1] = 0, [IPV4\_DEVCONF\_ARP\_NOTIFY-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_LOCAL-1] = 0, [IPV4\_DEVCONF\_SRC\_VMARK-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP\_PVLAN-1] = 0, [IPV4\_DEVCONF\_ROUTE\_LOCALNET-1] = 0, [IPV4\_DEVCONF\_IGMPV2\_UNSOLICITED\_REPORT\_INTERVAL-1] =

10000, [IPV4\_DEVCONF\_IGMPV3\_UNSOLICITED\_REPORT\_INTERVAL-1] = 1000, [IPV4\_DEVCONF\_IGNORE\_ROUTES\_WITH\_LINKDOWN-1] = 0, [IPV4\_DEVCONF\_DROP\_UNICAST\_IN\_L2\_MULTICAST-1] = 0, [IPV4\_DEVCONF\_DROP\_GRATUITOUS\_ARP-1] = 0, [IPV4\_DEVCONF\_BC\_FORWARDING-1] = 0]}}, {{nla\_len=624, nla\_type=AF\_INET6}, [{{nla\_len=8, nla\_type=IFLA\_INET6\_FLAGS}, 0}, {{nla\_len=20, nla\_type=IFLA\_INET6\_CACHEINFO}, {max\_reasm\_len=65535, tstamp=1578628, reachable\_time=33300, retrans\_time=1000}}, {{nla\_len=212, nla\_type=IFLA\_INET6\_CONF}, [[DEVCONF\_FORWARDING] = 0, [DEVCONF\_HOPLIMIT] = 64, [DEVCONF\_MTU6] = 1500, [DEVCONF\_ACCEPT\_RA] = 0, [DEVCONF\_ACCEPT\_REDIRECTS] = 1, [DEVCONF\_AUTOCONF] = 1, [DEVCONF\_DAD\_TRANSMITS] = 1, [DEVCONF\_RTR\_SOLICITS] = -1, [DEVCONF\_RTR\_SOLICIT\_INTERVAL] = 4000, [DEVCONF\_RTR\_SOLICIT\_DELAY] = 1000, [DEVCONF\_USE\_TEMPADDR] = 0, [DEVCONF\_TEMP\_VALID\_LFT] = 604800, [DEVCONF\_TEMP\_PREFERED\_LFT] = 86400, [DEVCONF\_REGEN\_MAX\_RETRY] = 3, [DEVCONF\_MAX\_DESYNC\_FACTOR] = 600, [DEVCONF\_MAX\_ADDRESSES] = 16, [DEVCONF\_FORCE\_MLD\_VERSION] = 0, [DEVCONF\_ACCEPT\_RA\_DEFRTR] = 1, [DEVCONF\_ACCEPT\_RA\_PINFO] = 1, [DEVCONF\_ACCEPT\_RA\_RTR\_PREF] = 1, [DEVCONF\_RTR\_PROBE\_INTERVAL] = 60000, [DEVCONF\_ACCEPT\_RA\_RT\_INFO\_MAX\_PLEN] = 0, [DEVCONF\_PROXY\_NDP] = 0, [DEVCONF\_OPTIMISTIC\_DAD] = 0, [DEVCONF\_ACCEPT\_SOURCE\_ROUTE] = 0, [DEVCONF\_MC\_FORWARDING] = 0, [DEVCONF\_DISABLE\_IPV6] = 0, [DEVCONF\_ACCEPT\_DAD] = 1, [DEVCONF\_FORCE\_TLLAO] = 0, [DEVCONF\_NDISC\_NOTIFY] = 0, [DEVCONF\_MLDV1\_UNSOLICITED\_REPORT\_INTERVAL] = 10000, [DEVCONF\_MLDV2\_UNSOLICITED\_REPORT\_INTERVAL] = 1000, ...]}, {{nla\_len=300, nla\_type=IFLA\_INET6\_STATS}, [[IPSTATS\_MIB\_NUM] = 37, [IPSTATS\_MIB\_INPKTS] = 0, [IPSTATS\_MIB\_INOCTETS] = 0, [IPSTATS\_MIB\_INDELIVERS] = 0, [IPSTATS\_MIB\_OUTFORWDATAGRAMS] = 0, [IPSTATS\_MIB\_OUTPKTS] = 0, [IPSTATS\_MIB\_OUTOCTETS] = 0, [IPSTATS\_MIB\_INHDRERRORS] = 0, [IPSTATS\_MIB\_INTOOBIGERRORS] = 0, [IPSTATS\_MIB\_INNOROUTES] = 0, [IPSTATS\_MIB\_INADDRERRORS] = 0, [IPSTATS\_MIB\_INUNKNOWNPROTOS] = 0, [IPSTATS\_MIB\_INTRUNCATEDPKTS] = 0, [IPSTATS\_MIB\_INDISCARDS] = 0, [IPSTATS\_MIB\_OUTDISCARDS] = 0, [IPSTATS\_MIB\_OUTNOROUTES] = 0, [IPSTATS\_MIB\_REASMTIMEOUT] = 0, [IPSTATS\_MIB\_REASMREQDS] = 0, [IPSTATS\_MIB\_REASMOKS] = 0, [IPSTATS\_MIB\_REASMFAILS] = 0, [IPSTATS\_MIB\_FRAGOKS] = 0, [IPSTATS\_MIB\_FRAGFAILS] = 0, [IPSTATS\_MIB\_FRAGCREATES] = 0, [IPSTATS\_MIB\_INMCASTPKTS] = 0, [IPSTATS\_MIB\_OUTMCASTPKTS] = 0, [IPSTATS\_MIB\_INBCASTPKTS] = 0, [IPSTATS\_MIB\_OUTBCASTPKTS] = 0, [IPSTATS\_MIB\_INMCASTOCTETS] = 0, [IPSTATS\_MIB\_OUTMCASTOCTETS] = 0, [IPSTATS\_MIB\_INBCASTOCTETS] = 0, [IPSTATS\_MIB\_OUTBCASTOCTETS] = 0, [IPSTATS\_MIB\_CSUMERRORS] = 0, ...]}, {{nla\_len=52, nla\_type=IFLA\_INET6\_ICMP6STATS}, [[ICMP6\_MIB\_NUM] = 6, [ICMP6\_MIB\_INMSGS] = 0, [ICMP6\_MIB\_INERRORS] = 0, [ICMP6\_MIB\_OUTMSGS] = 0, [ICMP6\_MIB\_OUTERRORS] = 0, [ICMP6\_MIB\_CSUMERRORS] = 0]}, {{nla\_len=20, nla\_type=IFLA\_INET6\_TOKEN}, inet\_pton(AF\_INET6, "::")}, {{nla\_len=5, nla\_type=IFLA\_INET6\_ADDR\_GEN\_MODE}, IN6\_ADDR\_GEN\_MODE\_NONE}]}]}]}], iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 2660

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base={{len=1336, type=RTM\_NEWLINK, flags=NLM\_F\_MULTI, seq=1639914113, pid=36901}, {ifi\_family=AF\_UNSPEC, ifi\_type=ARPHRD\_ETHER, ifi\_index=if\_nametoindex("wlp2s0"), ifi\_flags=IFF\_UP|IFF\_BROADCAST|IFF\_RUNNING|IFF\_MULTICAST|IFF\_LOWER\_UP, ifi\_change=0}, [{{nla\_len=11, nla\_type=IFLA\_IFNAME}, "wlp2s0"}, {{nla\_len=8, nla\_type=IFLA\_TXQLEN}, 1000}, {{nla\_len=5, nla\_type=IFLA\_OPERSTATE}, 6}, {{nla\_len=5, nla\_type=IFLA\_LINKMODE}, 1}, {{nla\_len=8, nla\_type=IFLA\_MTU}, 1500}, {{nla\_len=8, nla\_type=IFLA\_MIN\_MTU}, 256}, {{nla\_len=8, nla\_type=IFLA\_MAX\_MTU}, 2304}, {{nla\_len=8, nla\_type=IFLA\_GROUP}, 0}, {{nla\_len=8, nla\_type=IFLA\_PROMISCUITY}, 0}, {{nla\_len=8, nla\_type=IFLA\_NUM\_TX\_QUEUES}, 1}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SEGS}, 65535}, {{nla\_len=8, nla\_type=IFLA\_GSO\_MAX\_SIZE}, 65536}, {{nla\_len=8, nla\_type=IFLA\_NUM\_RX\_QUEUES}, 1}, {{nla\_len=5, nla\_type=IFLA\_CARRIER}, 1}, {{nla\_len=12, nla\_type=IFLA\_QDISC}, "noqueue"}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_CHANGES}, 68}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_UP\_COUNT}, 34}, {{nla\_len=8, nla\_type=IFLA\_CARRIER\_DOWN\_COUNT}, 34}, {{nla\_len=5, nla\_type=IFLA\_PROTO\_DOWN}, 0}, {{nla\_len=36, nla\_type=IFLA\_MAP}, {mem\_start=0, mem\_end=0, base\_addr=0, irq=0, dma=0, port=0}}, {{nla\_len=10, nla\_type=IFLA\_ADDRESS}, "\x48\x89\xe7\xeb\x69\xb4"}, {{nla\_len=10, nla\_type=IFLA\_BROADCAST}, "\xff\xff\xff\xff\xff\xff"}, {{nla\_len=196, nla\_type=IFLA\_STATS64}, {rx\_packets=2434696, tx\_packets=1023787, rx\_bytes=3116013699, tx\_bytes=160602672, rx\_errors=0, tx\_errors=0, rx\_dropped=2, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=100, nla\_type=IFLA\_STATS}, {rx\_packets=2434696, tx\_packets=1023787, rx\_bytes=3116013699, tx\_bytes=160602672, rx\_errors=0, tx\_errors=0, rx\_dropped=2, tx\_dropped=0, multicast=0, collisions=0, rx\_length\_errors=0, rx\_over\_errors=0, rx\_crc\_errors=0, rx\_frame\_errors=0, rx\_fifo\_errors=0, rx\_missed\_errors=0, tx\_aborted\_errors=0, tx\_carrier\_errors=0, tx\_fifo\_errors=0, tx\_heartbeat\_errors=0, tx\_window\_errors=0, rx\_compressed=0, tx\_compressed=0, rx\_nohandler=0}}, {{nla\_len=12, nla\_type=IFLA\_XDP}, {{nla\_len=5, nla\_type=IFLA\_XDP\_ATTACHED}, XDP\_ATTACHED\_NONE}}, {{nla\_len=10, nla\_type=0x36 /\* IFLA\_??? \*/}, "\x48\x89\xe7\xeb\x69\xb4"}, {{nla\_len=764, nla\_type=IFLA\_AF\_SPEC}, [{{nla\_len=136, nla\_type=AF\_INET}, {{nla\_len=132, nla\_type=IFLA\_INET\_CONF}, [[IPV4\_DEVCONF\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_MC\_FORWARDING-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SECURE\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SEND\_REDIRECTS-1] = 1, [IPV4\_DEVCONF\_SHARED\_MEDIA-1] = 1, [IPV4\_DEVCONF\_RP\_FILTER-1] = 2, [IPV4\_DEVCONF\_ACCEPT\_SOURCE\_ROUTE-1] = 1, [IPV4\_DEVCONF\_BOOTP\_RELAY-1] = 0, [IPV4\_DEVCONF\_LOG\_MARTIANS-1] = 0, [IPV4\_DEVCONF\_TAG-1] = 0, [IPV4\_DEVCONF\_ARPFILTER-1] = 0, [IPV4\_DEVCONF\_MEDIUM\_ID-1] = 0, [IPV4\_DEVCONF\_NOXFRM-1] = 0, [IPV4\_DEVCONF\_NOPOLICY-1] = 0, [IPV4\_DEVCONF\_FORCE\_IGMP\_VERSION-1] = 0, [IPV4\_DEVCONF\_ARP\_ANNOUNCE-1] = 0, [IPV4\_DEVCONF\_ARP\_IGNORE-1] = 0, [IPV4\_DEVCONF\_PROMOTE\_SECONDARIES-1] = 1, [IPV4\_DEVCONF\_ARP\_ACCEPT-1] = 0, [IPV4\_DEVCONF\_ARP\_NOTIFY-1] = 0, [IPV4\_DEVCONF\_ACCEPT\_LOCAL-1] = 0, [IPV4\_DEVCONF\_SRC\_VMARK-1] = 0, [IPV4\_DEVCONF\_PROXY\_ARP\_PVLAN-1] = 0, [IPV4\_DEVCONF\_ROUTE\_LOCALNET-1] = 0, [IPV4\_DEVCONF\_IGMPV2\_UNSOLICITED\_REPORT\_INTERVAL-1] = 10000, [IPV4\_DEVCONF\_IGMPV3\_UNSOLICITED\_REPORT\_INTERVAL-1] = 1000, [IPV4\_DEVCONF\_IGNORE\_ROUTES\_WITH\_LINKDOWN-1] = 0, [IPV4\_DEVCONF\_DROP\_UNICAST\_IN\_L2\_MULTICAST-1] = 0, [IPV4\_DEVCONF\_DROP\_GRATUITOUS\_ARP-1] = 0, [IPV4\_DEVCONF\_BC\_FORWARDING-1] = 0]}}, {{nla\_len=624, nla\_type=AF\_INET6}, [{{nla\_len=8, nla\_type=IFLA\_INET6\_FLAGS}, IF\_READY}, {{nla\_len=20, nla\_type=IFLA\_INET6\_CACHEINFO}, {max\_reasm\_len=65535, tstamp=1976130, reachable\_time=24148, retrans\_time=1000}}, {{nla\_len=212, nla\_type=IFLA\_INET6\_CONF}, [[DEVCONF\_FORWARDING] = 0, [DEVCONF\_HOPLIMIT] = 64, [DEVCONF\_MTU6] = 1500, [DEVCONF\_ACCEPT\_RA] = 0, [DEVCONF\_ACCEPT\_REDIRECTS] = 1, [DEVCONF\_AUTOCONF] = 1, [DEVCONF\_DAD\_TRANSMITS] = 1, [DEVCONF\_RTR\_SOLICITS] = -1, [DEVCONF\_RTR\_SOLICIT\_INTERVAL] = 4000, [DEVCONF\_RTR\_SOLICIT\_DELAY] = 1000, [DEVCONF\_USE\_TEMPADDR] = 2, [DEVCONF\_TEMP\_VALID\_LFT] = 604800, [DEVCONF\_TEMP\_PREFERED\_LFT] = 86400, [DEVCONF\_REGEN\_MAX\_RETRY] = 3, [DEVCONF\_MAX\_DESYNC\_FACTOR] = 600, [DEVCONF\_MAX\_ADDRESSES] = 16, [DEVCONF\_FORCE\_MLD\_VERSION] = 0, [DEVCONF\_ACCEPT\_RA\_DEFRTR] = 1, [DEVCONF\_ACCEPT\_RA\_PINFO] = 1, [DEVCONF\_ACCEPT\_RA\_RTR\_PREF] = 1, [DEVCONF\_RTR\_PROBE\_INTERVAL] = 60000, [DEVCONF\_ACCEPT\_RA\_RT\_INFO\_MAX\_PLEN] = 0, [DEVCONF\_PROXY\_NDP] = 0, [DEVCONF\_OPTIMISTIC\_DAD] = 0, [DEVCONF\_ACCEPT\_SOURCE\_ROUTE] = 0, [DEVCONF\_MC\_FORWARDING] = 0, [DEVCONF\_DISABLE\_IPV6] = 0, [DEVCONF\_ACCEPT\_DAD] = 1, [DEVCONF\_FORCE\_TLLAO] = 0, [DEVCONF\_NDISC\_NOTIFY] = 0, [DEVCONF\_MLDV1\_UNSOLICITED\_REPORT\_INTERVAL] = 10000, [DEVCONF\_MLDV2\_UNSOLICITED\_REPORT\_INTERVAL] = 1000, ...]}, {{nla\_len=300, nla\_type=IFLA\_INET6\_STATS}, [[IPSTATS\_MIB\_NUM] = 37, [IPSTATS\_MIB\_INPKTS] = 807, [IPSTATS\_MIB\_INOCTETS] = 125632, [IPSTATS\_MIB\_INDELIVERS] = 807, [IPSTATS\_MIB\_OUTFORWDATAGRAMS] = 0, [IPSTATS\_MIB\_OUTPKTS] = 499, [IPSTATS\_MIB\_OUTOCTETS] = 52324, [IPSTATS\_MIB\_INHDRERRORS] = 0, [IPSTATS\_MIB\_INTOOBIGERRORS] = 0, [IPSTATS\_MIB\_INNOROUTES] = 0, [IPSTATS\_MIB\_INADDRERRORS] = 0, [IPSTATS\_MIB\_INUNKNOWNPROTOS] = 0, [IPSTATS\_MIB\_INTRUNCATEDPKTS] = 0, [IPSTATS\_MIB\_INDISCARDS] = 0, [IPSTATS\_MIB\_OUTDISCARDS] = 20, [IPSTATS\_MIB\_OUTNOROUTES] = 0, [IPSTATS\_MIB\_REASMTIMEOUT] = 0, [IPSTATS\_MIB\_REASMREQDS] = 0, [IPSTATS\_MIB\_REASMOKS] = 0, [IPSTATS\_MIB\_REASMFAILS] = 0, [IPSTATS\_MIB\_FRAGOKS] = 0, [IPSTATS\_MIB\_FRAGFAILS] = 0, [IPSTATS\_MIB\_FRAGCREATES] = 0, [IPSTATS\_MIB\_INMCASTPKTS] = 807, [IPSTATS\_MIB\_OUTMCASTPKTS] = 499, [IPSTATS\_MIB\_INBCASTPKTS] = 0, [IPSTATS\_MIB\_OUTBCASTPKTS] = 0, [IPSTATS\_MIB\_INMCASTOCTETS] = 125632, [IPSTATS\_MIB\_OUTMCASTOCTETS] = 52324, [IPSTATS\_MIB\_INBCASTOCTETS] = 0, [IPSTATS\_MIB\_OUTBCASTOCTETS] = 0, [IPSTATS\_MIB\_CSUMERRORS] = 0, ...]}, {{nla\_len=52, nla\_type=IFLA\_INET6\_ICMP6STATS}, [[ICMP6\_MIB\_NUM] = 6, [ICMP6\_MIB\_INMSGS] = 5, [ICMP6\_MIB\_INERRORS] = 0, [ICMP6\_MIB\_OUTMSGS] = 254, [ICMP6\_MIB\_OUTERRORS] = 0, [ICMP6\_MIB\_CSUMERRORS] = 0]}, {{nla\_len=20, nla\_type=IFLA\_INET6\_TOKEN}, inet\_pton(AF\_INET6, "::")}, {{nla\_len=5, nla\_type=IFLA\_INET6\_ADDR\_GEN\_MODE}, IN6\_ADDR\_GEN\_MODE\_NONE}]}]}]}, iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 1336

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base={{len=20, type=NLMSG\_DONE, flags=NLM\_F\_MULTI, seq=1639914113, pid=36901}, 0}, iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 20

sendto(9, {{len=20, type=RTM\_GETADDR, flags=NLM\_F\_REQUEST|NLM\_F\_DUMP, seq=1639914114, pid=0}, {ifa\_family=AF\_UNSPEC, ...}}, 20, 0, {sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, 12) = 20

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base=[{{len=76, type=RTM\_NEWADDR, flags=NLM\_F\_MULTI, seq=1639914114, pid=36901}, {ifa\_family=AF\_INET, ifa\_prefixlen=8, ifa\_flags=IFA\_F\_PERMANENT, ifa\_scope=RT\_SCOPE\_HOST, ifa\_index=if\_nametoindex("lo")}, [{{nla\_len=8, nla\_type=IFA\_ADDRESS}, inet\_addr("127.0.0.1")}, {{nla\_len=8, nla\_type=IFA\_LOCAL}, inet\_addr("127.0.0.1")}, {{nla\_len=7, nla\_type=IFA\_LABEL}, "lo"}, {{nla\_len=8, nla\_type=IFA\_FLAGS}, IFA\_F\_PERMANENT}, {{nla\_len=20, nla\_type=IFA\_CACHEINFO}, {ifa\_prefered=4294967295, ifa\_valid=4294967295, cstamp=3127, tstamp=3127}}]}, {{len=88, type=RTM\_NEWADDR, flags=NLM\_F\_MULTI, seq=1639914114, pid=36901}, {ifa\_family=AF\_INET, ifa\_prefixlen=16, ifa\_flags=0, ifa\_scope=RT\_SCOPE\_UNIVERSE, ifa\_index=if\_nametoindex("wlp2s0")}, [{{nla\_len=8, nla\_type=IFA\_ADDRESS}, inet\_addr("172.17.19.45")}, {{nla\_len=8, nla\_type=IFA\_LOCAL}, inet\_addr("172.17.19.45")}, {{nla\_len=8, nla\_type=IFA\_BROADCAST}, inet\_addr("172.17.255.255")}, {{nla\_len=11, nla\_type=IFA\_LABEL}, "wlp2s0"}, {{nla\_len=8, nla\_type=IFA\_FLAGS}, IFA\_F\_NOPREFIXROUTE}, {{nla\_len=20, nla\_type=IFA\_CACHEINFO}, {ifa\_prefered=1584, ifa\_valid=1584, cstamp=1976137, tstamp=1976684}}]}], iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 164

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base=[{{len=72, type=RTM\_NEWADDR, flags=NLM\_F\_MULTI, seq=1639914114, pid=36901}, {ifa\_family=AF\_INET6, ifa\_prefixlen=128, ifa\_flags=IFA\_F\_PERMANENT, ifa\_scope=RT\_SCOPE\_HOST, ifa\_index=if\_nametoindex("lo")}, [{{nla\_len=20, nla\_type=IFA\_ADDRESS}, inet\_pton(AF\_INET6, "::1")}, {{nla\_len=20, nla\_type=IFA\_CACHEINFO}, {ifa\_prefered=4294967295, ifa\_valid=4294967295, cstamp=3127, tstamp=3127}}, {{nla\_len=8, nla\_type=IFA\_FLAGS}, IFA\_F\_PERMANENT}]}, {{len=72, type=RTM\_NEWADDR, flags=NLM\_F\_MULTI, seq=1639914114, pid=36901}, {ifa\_family=AF\_INET6, ifa\_prefixlen=64, ifa\_flags=IFA\_F\_PERMANENT, ifa\_scope=RT\_SCOPE\_LINK, ifa\_index=if\_nametoindex("wlp2s0")}, [{{nla\_len=20, nla\_type=IFA\_ADDRESS}, inet\_pton(AF\_INET6, "fe80::df41:123d:8f15:da36")}, {{nla\_len=20, nla\_type=IFA\_CACHEINFO}, {ifa\_prefered=4294967295, ifa\_valid=4294967295, cstamp=1976130, tstamp=1976320}}, {{nla\_len=8, nla\_type=IFA\_FLAGS}, IFA\_F\_PERMANENT|IFA\_F\_NOPREFIXROUTE}]}], iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 144

recvmsg(9, {msg\_name={sa\_family=AF\_NETLINK, nl\_pid=0, nl\_groups=00000000}, msg\_namelen=12, msg\_iov=[{iov\_base={{len=20, type=NLMSG\_DONE, flags=NLM\_F\_MULTI, seq=1639914114, pid=36901}, 0}, iov\_len=4096}], msg\_iovlen=1, msg\_controllen=0, msg\_flags=0}, 0) = 20

close(9) = 0

socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP) = 9

setsockopt(9, SOL\_SOCKET, SO\_REUSEADDR, [1], 4) = 0

bind(9, {sa\_family=AF\_INET, sin\_port=htons(30014), sin\_addr=inet\_addr("127.0.0.1")}, 16) = 0

listen(9, 100) = 0

getsockname(9, {sa\_family=AF\_INET, sin\_port=htons(30014), sin\_addr=inet\_addr("127.0.0.1")}, [128->16]) = 0

getsockname(9, {sa\_family=AF\_INET, sin\_port=htons(30014), sin\_addr=inet\_addr("127.0.0.1")}, [128->16]) = 0

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

write(8, "\1\0\0\0\0\0\0\0", 8) = 8

clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLD, child\_tidptr=0x7f85ba2198d0) = 36910

poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])

read(8, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])

read(8, "\1\0\0\0\0\0\0\0", 8) = 8

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

write(1, "OK: 36910\n", 10OK: 36910

) = 10

write(1, "Please, enter command\n", 22Please, enter command

) = 22

read(0, create 16

"create 16\n", 1024) = 10

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])

read(8, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])

read(8, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

write(1, "OK: 36917\n", 10OK: 36917

) = 10

write(1, "Please, enter command\n", 22Please, enter command

) = 22

read(0, kill 16

"kill 16\n", 1024) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])

terminate called after throwing an instance of 'zmq::error\_t'

read(8, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

write(1, "Ok: 16\n", 7Ok: 16

) = 7

write(1, "Please, enter command\n", 22Please, enter command

) = 22

read(0, what(): No such file or directory

exit

"exit\n", 1024) = 5

write(4, "\1\0\0\0\0\0\0\0", 8) = 8

poll([{fd=3, events=POLLIN}], 1, -1) = 1 ([{fd=3, revents=POLLIN}])

read(3, "\1\0\0\0\0\0\0\0", 8) = 8

write(6, "\1\0\0\0\0\0\0\0", 8) = 8

close(7) = 0

close(6) = 0

close(5) = 0

close(4) = 0

close(3) = 0

lseek(0, -1, SEEK\_CUR) = -1 ESPIPE (Недопустимая операция смещения)

exit\_group(0) = ?

+++ exited with 0 +++

# **Вывод**

В результате данной лабораторной работы я познакомился с утилитой strace, узнал о ее возможностях, а также о том, как много полезной информации может дать диагностика программы для разработчика. Можно отследить всю последовательность выполнения программы, какие системные вызовы и в каком порядке она делает, что, несомненно, может помочь глубже узнать язык программирования, а также может помочь при отладке.