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Лабораторная работа №5-7 по курсу
«Операционные системы»

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Постановка задачи

Вариант 33.

Реализовать распределенную систему по асинхронной обработке запросов. В данной распределенной системе должно существовать 2 вида узлов: «управляющий» и «вычислительный». Необходимо объединить данные узлы в соответствии с той топологией, которая определена вариантом. Связь между узлами необходимо осуществить при помощи технологии очередей сообщений. Также в данной системе необходимо предусмотреть проверку доступности узлов в соответствии с вариантом. При убийстве («kill -9») любого вычислительного узла система должна пытаться максимально сохранять свою работоспособность, а именно все дочерние узлы убитого узла могут стать недоступными, но родительские узлы должны сохранить свою работоспособность.

Управляющий узел отвечает за ввод команд от пользователя и отправку этих команд на вычислительные узлы. Список основных поддерживаемых команд:

- **Создание нового вычислительного узла**

Формат команды: `create id [parent]`

`id` – целочисленный идентификатор нового вычислительного узла

`parent` – целочисленный идентификатор родительского узла. Если топологией не предусмотрено введение данного параметра, то его необходимо игнорировать (если его ввели)

Формат вывода:

«Ok: `pid`», где `pid` – идентификатор процесса для созданного вычислительного узла

«Error: Already exists» - вычислительный узел с таким идентификатором уже существует

«Error: Parent not found» - нет такого родительского узла с таким идентификатором

«Error: Parent is unavailable» - родительский узел существует, но по каким-то причинам с ним не удастся связаться

«Error: [Custom error]» - любая другая обрабатываемая ошибка

Примечания: создание нового управляющего узла осуществляется пользователем программы при помощи запуска исполняемого файла. `Id` и `pid` — это разные идентификаторы.

- **Исполнение команды на вычислительном узле**

Формат команды: `exec id [params]`

`id` – целочисленный идентификатор вычислительного узла, на который отправляется команда

Формат вывода:

«Ok: `id: [result]`», где `result` – результат выполненной команды

«Error: `id: Not found`» - вычислительный узел с таким идентификатором не найден

«Error: `id: Node is unavailable`» - по каким-то причинам не удастся связаться с вычислительным узлом

«Error: `id: [Custom error]`» - любая другая обрабатываемая ошибка

- **Топология**

Все вычислительные узлы находятся в дереве общего вида. Есть только один управляющий узел.

Чтобы добавить новый вычислительный узел к управляющему, то необходимо выполнить команду:

`create id -1.`

- **Набор команд**

Формат команды сохранения значения: `exes id count a b c ...`

`id` – целочисленный идентификатор вычислительного узла, на который отправляется команда

`count` – кол-во последующих чисел

`a b ...` – сами числа

Формат команды: `pingall`

Вывод всех недоступных узлов вывести разделенные через точку запятую.

Общий метод и алгоритм решения

Использованные системные вызовы:

- `pid_t fork()` - создание дочернего процесса
- `execl(const char *path, const char *arg, ...)` – замена памяти процесса
- `pid_t getpid(void);` - возвращает идентификатор текущего процесса

Используем ZeroMQ для очередей сообщений. Заданная топология – дерево узлов, у каждого узла будем хранить список дочерних узлов, который будут составлять объекты класса `Node`, у каждого из которых будет создан и привязан сокет (всё это внутри родительского узла), к нему будет подключаться дочерний узел – дочерний процесс.

Поскольку требуется асинхронность, будем отправлять и принимать сообщения с флагом `ZMQ_DONTWAIT`, чтобы предотвратить блокировку процессов при проблемах в отправке и получении и при попытке получения сообщения, когда сообщение ещё не было отправлено. Сообщения отправляются всем детям, дети отправляют дальше детям до момента, пока `id` сообщения не совпадёт с `id` приемателя.

У каждого сообщения будем фиксировать время его отправления, это необходимо для обработки ошибок с `create` и `exes`, а так же для определения недоступных процессов с помощью `pingall`. В первом случае будем при каждом отправлении сообщения класть его в список, если оно будет получено, то можно его удалить, если оно задерживается больше 5 секунд, то фиксируем ошибку. Во втором случае имеем другой список сообщений. При выполнении `pingall` всем узлам рассылается сообщение `ring`, и через 5 секунд мы проверяем есть в списке `ring` сообщений необработанные сообщения, если да, то соответствующие узлы выводим как недоступные. Списки постоянно проверяются.

Код программы

message.h

```
#pragma once
```

```
#include <cstring>
```

```
#include "common.h"
```

```
#define MESSAGE_VALUE_LENGTH 50
```

```
class Message
```

```
{
```

```
public:
```

```
    Message() = default;
```

```
    Message(CommandType cmd, int id, int add_data)
```

```
        : command(cmd)
```

```
        , id(id)
```

```
        , add_data(add_data)
```

```
        , sent_time(std::chrono::system_clock::now())
```

```
    {}
```

```
    Message(CommandType cmd, int id, int add_data, const int* arr)
```

```
        : command(cmd)
```

```
        , id(id)
```

```
        , add_data(add_data)
```

```
        , sent_time(std::chrono::system_clock::now())
```

```
    {
```

```
        for (int i{0}; i < add_data; i++)
```

```
            numbers[i] = arr[i];
```

```
    }
```

```
    CommandType command{ CommandType::None};
```

```
    int id{-1};
```

```
    int add_data{-1};
```

```
    std::chrono::system_clock::time_point sent_time;
```

```
    int numbers[MESSAGE_VALUE_LENGTH]{};
```

```
};
```

common.h

```
#pragma once
```

```
#include <chrono>
```

```
#include <unistd.h>
```

```
#include <iostream>
```

```
enum class CommandType : uint8_t {None, Create, Ping, Exec};
```

```
bool input_available();
```

```
std::chrono::system_clock::time_point now();
```

nodes.h

```
#pragma once
```

```
#include "zmq.h"
```

```
#include "message.h"
```

```
#include <iostream>
```

```
#include <chrono>
```

```
#include <list>
```

```
#include <map>
```

```
class Node
```

```
{
```

```
public:
```

```
    Node() = default;
```

```
    ~Node() {
```

```
        if (socket) zmq_close(socket);
```

```
        if (context) zmq_ctx_destroy(context);
```

```
    }
```

```
    Node(const Node&) = delete;
```

```
    Node& operator=(const Node&) = delete;
```

```
    Node(Node&& other) noexcept;
```

```

Node& operator=(Node&& other) noexcept;

//  bool operator==(const Node& other) const
//  {
//      return id == other.id && pid == other.pid;
//  }

    int id{-1};
    pid_t pid{-1};
    void* context{nullptr};
    void* socket{nullptr};
    std::string address;
};

Node create_node(int id, bool is_child);
Node create_process(int id);

class ComputingNode {
private:
    Node node_;
    std::list<Node> children_;

    void handle_create(const Message& message);
    void handle_ping(const Message& message);
    void handle_exec(Message& message);
    void broadcast_to_children(const Message& message);

public:
    explicit ComputingNode(int id)
        : node_(create_node(id, true)) {}

    void run();
};

void send_message(Node& node, const Message& msg);
Message receive_message(Node& node);

```

control_node.cpp

```
#include <unordered_set>
```

```
#include "../include/nodes.h"
```

```
bool check_input()
```

```
{
    if (std::cin.fail())
    {
        std::cin.clear();
        std::cin.ignore(std::numeric_limits<std::streamsize>::max(), '\n');
        std::cout << "Error: incorrect input" << std::endl;
        return false;
    }
    return true;
}
```

```
class Controller
```

```
{
private:
    std::unordered_set<int> node_ids_;
    std::list<Node> children_;

    std::list<Message> create_exec_messages_;
    std::list<Message> ping_messages_;

    bool availability_check_started_ { false };
    std::chrono::system_clock::time_point check_start_time_ { };

    void handle_child_message(const Message& message)
    {
        if (message.command == CommandType::Create)
            node_ids_.insert(message.id);
    }
}
```

```

if (message.command != CommandType::Ping)
    std::cout << "Ok: " << message.add_data << std::endl;

```

```

remove_message(message);
}

```

```

void check_pending_messages()

```

```

{
    auto it = create_exec_messages_.begin();
    while (it != create_exec_messages_.end())
    {
        if (std::chrono::duration_cast<std::chrono::seconds>(now() - it->sent_time).count() > 5)
        {
            handle_timeout(*it);
            it = create_exec_messages_.erase(it);
        }
        else
        {
            ++it;
        }
    }
}

```

```

void remove_message(const Message& message)

```

```

{
    CommandType cmd = message.command;
    int id = message.id;

    if (cmd == CommandType::Create || cmd == CommandType::Exec)
    {
        auto it = std::find_if(create_exec_messages_.begin(), create_exec_messages_.end(),
            [cmd, id](const Message& m) {
                return (m.command == cmd && m.id == id) ||
                    (m.command == cmd && m.command == CommandType::Create &&
m.add_data == id);
            });
    }
}

```



```

        if (it != create_exec_messages_.end())
        {
            create_exec_messages_.erase(it);
        }
    }

    else if (cmd == CommandType::Ping)
    {
        auto it = std::find_if(ping_messages_.begin(), ping_messages_.end(),
                               [id](const Message &m)
                               {
                                   return (m.id == id);
                               });

        if (it != ping_messages_.end())
        {
            ping_messages_.erase(it);
        }
    }
}

void handle_timeout(const Message& message)
{
    if (message.command == CommandType::Create)
        std::cout << "Error: Parent " << message.id << " is unavailable" << std::endl;
    else
        std::cout << "Error: Node " << message.id << " is unavailable" << std::endl;
}

void broadcast_message(const Message& message)
{
    if (message.command == CommandType::Ping)
        ping_messages_.push_back(message);
    else
        create_exec_messages_.push_back(message);

    for (auto& child : children_)

```

```

    {
        send_message(child, message);
    }
}

void handle_create_command()
{
    int parent_id, child_id;
    std::cin >> child_id >> parent_id;
    if (!check_input())
        return;

    if (node_ids_.count(child_id))
    {
        std::cout << "Error: Node with id " << child_id << " already exists" << std::endl;
        return;
    }

    if (!node_ids_.count(parent_id))
    {
        std::cout << "Error: Parent with id " << parent_id << " not found" << std::endl;
        return;
    }

    if (parent_id == -1)
    {
        Node child = create_process(child_id);
        children_.push_back(std::move(child));
        node_ids_.insert(child_id);
        std::cout << "Ok: " << child.pid << std::endl;
    }
    else
    {
        broadcast_message(Message(CommandType::Create, parent_id, child_id));
    }
}

```

```

void handle_exec_command()
{
    int id{ }, count{ };

    int numbers[MESSAGE_VALUE_LENGTH];

    std::cin >> id >> count;

    if (!check_input())
        return;

    if (!node_ids_.count(id))
    {
        std::cout << "Error: Node with id " << id << " doesn't exist" << std::endl;
        return;
    }

    for (int i{0}; i < count; i++)
        std::cin >> numbers[i];

    if (!check_input())
        return;

    broadcast_message(Message(CommandType::Exec, id, count, numbers));
}

```

```

void handle_pingall_command()
{
    for (const int& id : node_ids_)
    {
        if (id != -1)
            broadcast_message(Message(CommandType::Ping, id, 0));
    }
}

```

```

availability_check_started_ = true;
check_start_time_ = now();

```

```
}
```

```
void check_nodes_availability()
```

```
{
```

```
    if (!availability_check_started_)
```

```
        return;
```

```
    std::ostringstream os;
```

```
    os << "Ok: ";
```

```
    if (std::chrono::duration_cast<std::chrono::seconds>(now() - check_start_time_).count() > 6)
```

```
    {
```

```
        for (const int &id: node_ids_)
```

```
        {
```

```
            if (id != -1)
```

```
            {
```

```
                auto it = std::find_if(ping_messages_.begin(), ping_messages_.end(),
```

```
                    [id](const Message &m)
```

```
                    {
```

```
                        return (m.id == id);
```

```
                    });
```

```
                if (it != ping_messages_.end())
```

```
                {
```

```
                    if (os.str().size() != 4)
```

```
                        os << ',';
```

```
                    os << id;
```

```
                    ping_messages_.erase(it);
```

```
                }
```

```
            }
```

```
        }
```

```
        if (os.str().size() == 4)
```

```
            os << "-1";
```

```
        std::cout << os.str() << std::endl;
```

```
        availability_check_started_ = false;
```

```
    }
```

```
}
```

public:

Controller()

```
{  
    node_ids_.insert(-1);  
}
```

void run()

```
{  
    std::string command;  
    while (true)  
    {  
        for (auto& child : children_)  
        {  
            Message message = receive_message(child);  
            if (message.command != CommandType::None)  
            {  
                handle_child_message(message);  
            }  
        }  
    }
```

check_pending_messages();

check_nodes_availability();

if (!input_available())

```
{  
    continue;  
}
```

std::cin >> command;

if (command == "create")

```
{  
    handle_create_command();  
}
```

else if (command == "exec")

```
{
```

```

        handle_exec_command();
    }
    else if (command == "pingall")
    {
        handle_pingall_command();
    }
    else
    {
        std::cout << "Error: Command doesn't exist!" << std::endl;
        std::cin.ignore(1000, '\n');
    }
}
};

```

```

int main()
{
    try
    {
        Controller controller;
        controller.run();
    }
    catch (const std::exception& e)
    {
        std::cerr << "Error: " << e.what() << std::endl;
        return 1;
    }
    return 0;
}

```

computing_node.cpp

```

#include "../include/nodes.h"

```

```

int main(int argc, char* argv[])
{
    if (argc != 2)
    {
        std::cerr << "Usage: " << argv[0] << " <node_id>" << std::endl;
    }
}

```

```

        return 1;
    }

    try
    {
        ComputingNode node(std::atoi(argv[1]));
        node.run();
    } catch (const std::exception& e)
    {
        std::cerr << "Error: " << e.what() << std::endl;
        return 1;
    }

    return 0;
}

```

nodes.cpp

```

#include "../include/nodes.h"
#include <cstdlib>

```

```

Node::Node(Node&& other) noexcept

```

```

    : id(other.id)
    , pid(other.pid)
    , context(other.context)
    , socket(other.socket)
    , address(std::move(other.address))
{
    other.context = nullptr;
    other.socket = nullptr;
}

```

```

Node& Node::operator=(Node&& other) noexcept

```

```

{
    if (this != &other)
    {
        if (socket) zmq_close(socket);
        if (context) zmq_ctx_destroy(context);
    }
}

```

```

        id = other.id;
        pid = other.pid;
        context = other.context;
        socket = other.socket;
        address = std::move(other.address);

        other.context = nullptr;
        other.socket = nullptr;
    }
    return *this;
}

```

Node create_node(int id, bool is_child)

```

{
    Node node;
    node.id = id;
    node.pid = getpid();

    node.context = zmq_ctx_new();
    if (!node.context)
    {
        throw std::runtime_error("Failed to create ZMQ context");
    }

    node.socket = zmq_socket(node.context, ZMQ_DEALER);
    if (!node.socket)
    {
        zmq_ctx_destroy(node.context);
        throw std::runtime_error("Failed to create ZMQ socket");
    }

    node.address = "tcp://127.0.0.1:" + std::to_string(5555 + id);

    int rc = is_child
        ? zmq_connect(node.socket, node.address.c_str())
        : zmq_bind(node.socket, node.address.c_str());
}

```



```

    if (rc != 0)
    {
        throw std::runtime_error("Failed to " +
            std::string(is_child ? "connect" : "bind") +
            " ZMQ socket");
    }

    return node;
}

Node create_process(int id)
{
    pid_t pid = fork();
    if (pid == 0)
    {
        execl("./computing", "computing", std::to_string(id).c_str(), nullptr);
        std::cerr << "execl failed: " << strerror(errno) << std::endl;
        exit(1);
    }
    if (pid == -1)
    {
        throw std::runtime_error("Fork failed: " +
            std::string(strerror(errno)));
    }

    Node node = create_node(id, false);
    node.pid = pid;
    return node;
}

void ComputingNode::handle_create(const Message& message)
{
    if (message.id == node_.id)
    {
        Node child = create_process(message.add_data);
        children_.push_back(std::move(child));
    }
}

```

```

        send_message(node_, Message(CommandType::Create, child.id, child.pid));
    }
    else
    {
        broadcast_to_children(message);
    }
}

```

```

void ComputingNode::handle_ping(const Message& message)
{
    if (message.id == node_.id)
    {
        send_message(node_, message);
    }
    else
    {
        broadcast_to_children(message);
    }
}

```

```

void ComputingNode::handle_exec(Message &message)
{
    if (message.id == node_.id)
    {
        int result{ };

        for (int i{0}; i < message.add_data; i++)
        {
            result += message.numbers[i];
        }

        send_message(node_, Message{ CommandType::Exec, message.id, result });
    }
    else
    {
        broadcast_to_children(message);
    }
}

```

```
}  
}
```

```
void ComputingNode::broadcast_to_children(const Message& message) {  
    for (auto& child : children_) {  
        send_message(child, message);  
    }  
}
```

```
void ComputingNode::run()  
{  
    while (true)  
    {  
        for (auto& child : children_)  
        {  
            Message message = receive_message(child);  
            if (message.command != CommandType::None)  
            {  
                send_message(node_, message);  
            }  
        }  
    }
```

```
    Message message = receive_message(node_);
```

```
    switch (message.command)  
    {  
        case CommandType::Create:  
            handle_create(message);  
            break;  
        case CommandType::Ping:  
            handle_ping(message);  
            break;  
        case CommandType::Exec:  
            handle_exec(message);  
            break;
```

```

        default:
            break;
    }
}

```

```

void send_message(Node& node, const Message& msg)
{
    zmq_msg_t message;
    zmq_msg_init_size(&message, sizeof(msg));
    std::memcpy(zmq_msg_data(&message), &msg, sizeof(msg));
    zmq_msg_send(&message, node.socket, ZMQ_DONTWAIT);
    zmq_msg_close(&message);
}

```

```

Message receive_message(Node& node)
{
    zmq_msg_t message;
    zmq_msg_init(&message);

    if (zmq_msg_recv(&message, node.socket, ZMQ_DONTWAIT) == -1)
    {
        zmq_msg_close(&message);
        return { CommandType::None, -1, -1 };
    }
}

```

```

Message msg;
std::memcpy(&msg, zmq_msg_data(&message), sizeof(Message));
zmq_msg_close(&message);
return msg;
}

```

common.cpp

```

#include "../include/common.h"

```

```

bool input_available()
{
    timeval tv{0, 0};
}

```

```

    fd_set fds;
    FD_ZERO(&fds);
    FD_SET(STDIN_FILENO, &fds);
    select(STDIN_FILENO + 1, &fds, nullptr, nullptr, &tv);
    return FD_ISSET(STDIN_FILENO, &fds);
}

```

```

std::chrono::system_clock::time_point now()
{
    return std::chrono::system_clock::now();
}

```

Протокол работы программы

/home/luckyabatur/projects/OS_labs/lab5-7/cmake-build-debug/control

create 1 -1

Ok: 19931

create 2 -1

Ok: 19936

create 3 2

Ok: 19941

create 4 2

Ok: 19947

create 5 2

Ok: 19952

pingall

exec 5 5 1 2 3 4 5

Ok: 15

Ok: -1

pingall

Ok: 5;4;3;2

Strace:

```

18662 execve("./control", [ "./control" ], 0x7fff4d077b8 /* 36 vars */) = 0
18662 brk(NULL) = 0x561953d13000
18662 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
= 0x7fbfb006c000
18662 access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
18662 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0

```

18662 mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fbfb0065000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=663584, ...}) = 0
18662 mmap(NULL, 661336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaffc3000
18662 mmap(0x7fbfaffdc000, 425984, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000) = 0x7fbfaffdc000
18662 mmap(0x7fbfb0044000, 98304, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000) = 0x7fbfb0044000
18662 mmap(0x7fbfb005c000, 36864, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x99000) = 0x7fbfb005c000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=2592224, ...}) = 0
18662 mmap(NULL, 2609472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfafd45000
18662 mmap(0x7fbfafde2000, 1343488, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9d000) = 0x7fbfafde2000
18662 mmap(0x7fbfaff2a000, 552960, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1e5000) = 0x7fbfaff2a000
18662 mmap(0x7fbfaffb1000, 57344, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26b000) = 0x7fbfaffb1000
18662 mmap(0x7fbfaffbf000, 12608, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfaffbf000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=183024, ...}) = 0
18662 mmap(NULL, 185256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfafd17000
18662 mmap(0x7fbfafd1b000, 147456, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fbfafd1b000
18662 mmap(0x7fbfafd3f000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000) = 0x7fbfafd3f000
18662 mmap(0x7fbfafd43000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7fbfafd43000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220\243\2\0\0\0\0"..., 832) = 832
18662 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"..., 784, 64) = 784
18662 fstat(3, {st_mode=S_IFREG|0755, st_size=2125328, ...}) = 0
18662 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"..., 784, 64) = 784
18662 mmap(NULL, 2170256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfafb05000
18662 mmap(0x7fbfafb2d000, 1605632, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000) = 0x7fbfafb2d000
18662 mmap(0x7fbfafcb5000, 323584, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1b0000) = 0x7fbfafcb5000
18662 mmap(0x7fbfafd04000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1fe000) = 0x7fbfafd04000
18662 mmap(0x7fbfafd0a000, 52624, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfafd0a000

```
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=80888, ...}) = 0
18662 mmap(NULL, 86208, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfafaef000
18662 mmap(0x7fbfafaf3000, 49152, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fbfafaf3000
18662 mmap(0x7fbfafaff000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x10000) = 0x7fbfafaff000
18662 mmap(0x7fbfafb02000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x12000) = 0x7fbfafb02000
18662 mmap(0x7fbfafb04000, 192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfafb04000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=355040, ...}) = 0
18662 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
= 0x7fbfafaed000
18662 mmap(NULL, 353336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfafa96000
18662 mmap(0x7fbfafa2000, 233472, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fbfafa2000
18662 mmap(0x7fbfafadb000, 65536, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x45000) = 0x7fbfafadb000
18662 mmap(0x7fbfafaeb000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x55000) = 0x7fbfafaeb000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=285568, ...}) = 0
18662 mmap(NULL, 301040, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfafa4c000
18662 mmap(0x7fbfafa50000, 159744, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fbfafa50000
18662 mmap(0x7fbfafa77000, 102400, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7fbfafa77000
18662 mmap(0x7fbfafa90000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000) = 0x7fbfafa90000
18662 mmap(0x7fbfafa92000, 14320, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfafa92000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=366760, ...}) = 0
18662 mmap(NULL, 1092032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfaf941000
18662 mmap(0x7fbfaf94a000, 274432, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7fbfaf94a000
18662 mmap(0x7fbfaf98d000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x4c000) = 0x7fbfaf98d000
18662 mmap(0x7fbfaf998000, 16384, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x56000) = 0x7fbfaf998000
18662 mmap(0x7fbfaf99c000, 719296, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfaf99c000
```

```
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=338696, ...}) = 0
18662 mmap(NULL, 341080, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfaf8ed000
18662 mmap(0x7fbfaf8f9000, 237568, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fbfaf8f9000
18662 mmap(0x7fbfaf933000, 40960, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x46000) = 0x7fbfaf933000
18662 mmap(0x7fbfaf93d000, 16384, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000) = 0x7fbfaf93d000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=952616, ...}) = 0
18662 mmap(NULL, 950296, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfaf804000
18662 mmap(0x7fbfaf814000, 520192, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7fbfaf814000
18662 mmap(0x7fbfaf893000, 360448, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x8f000) = 0x7fbfaf893000
18662 mmap(0x7fbfaf8eb000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xe7000) = 0x7fbfaf8eb000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=55536, ...}) = 0
18662 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
= 0x7fbfaf802000
18662 mmap(NULL, 57448, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaf7f3000
18662 mmap(0x7fbfaf7f5000, 36864, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fbfaf7f5000
18662 mmap(0x7fbfaf7fe000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0xb000) = 0x7fbfaf7fe000
18662 mmap(0x7fbfaf800000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fbfaf800000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=823488, ...}) = 0
18662 mmap(NULL, 822032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfaf72a000
18662 mmap(0x7fbfaf74a000, 397312, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x20000) = 0x7fbfaf74a000
18662 mmap(0x7fbfaf7ab000, 233472, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000) = 0x7fbfaf7ab000
18662 mmap(0x7fbfaf7e4000, 61440, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xba000) = 0x7fbfaf7e4000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=178648, ...}) = 0
18662 mmap(NULL, 176392, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fbfaf6fe000
```


18662 mmap(0x7fbfaf702000, 110592, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fbfaf702000
18662 mmap(0x7fbfaf71d000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x1f000) = 0x7fbfaf71d000
18662 mmap(0x7fbfaf728000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2a000) = 0x7fbfaf728000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=18504, ...}) = 0
18662 mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaf6f8000
18662 mmap(0x7fbfaf6fa000, 4096, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fbfaf6fa000
18662 mmap(0x7fbfaf6fb000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x3000) = 0x7fbfaf6fb000
18662 mmap(0x7fbfaf6fc000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fbfaf6fc000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=47904, ...}) = 0
18662 mmap(NULL, 50128, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaf6eb000
18662 mmap(0x7fbfaf6ee000, 24576, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fbfaf6ee000
18662 mmap(0x7fbfaf6f4000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x9000) = 0x7fbfaf6f4000
18662 mmap(0x7fbfaf6f6000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7fbfaf6f6000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=22600, ...}) = 0
18662 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0)
= 0x7fbfaf6e9000
18662 mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaf6e2000
18662 mmap(0x7fbfaf6e4000, 8192, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fbfaf6e4000
18662 mmap(0x7fbfaf6e6000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x4000) = 0x7fbfaf6e6000
18662 mmap(0x7fbfaf6e7000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fbfaf6e7000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=68104, ...}) = 0
18662 mmap(NULL, 75912, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fbfaf6cf000
18662 mmap(0x7fbfaf6d2000, 40960, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fbfaf6d2000
18662 mmap(0x7fbfaf6dc000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0xd000) = 0x7fbfaf6dc000
18662 mmap(0x7fbfaf6de000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x7fbfaf6de000
18662 mmap(0x7fbfaf6e0000, 6280, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fbfaf6e0000
18662 close(3) = 0

[illegible]

```

18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 pstat(0, {st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x2), ...}) = 0
18662 read(0, "create 1 -l\n", 1024) = 12
18662 clone(child_stack=NULL, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD, child_tidptr=0xfbfaf6cac90) = 18664
18662 getpid() = 18662
18662 openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "0-11\n", 1024) = 5
18662 close(3) = 0
18662 openat(AT_FDCWD, "/sys/devices/system/cpu/possible", O_RDONLY|O_CLOEXEC) = 3
18662 read(3, "0-11\n", 1024) = 5
18662 close(3) = 0
18662 getpid() = 18662
18662 sched_getaffinity(18662, 128, [0 1 2 3 4 5 6 7 8 9 10 11]) = 32
18662 newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=526, ...}, 0) = 0

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18662 newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
18662 openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
18662 read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 526
18662 read(3, "", 4096) = 0
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
18662 close(3 <unfinished ...>
18664 set_robust_list(0x7fbfaf6caca0, 24 <unfinished ...>
18662 <... close resumed>) = 0
18662 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC <unfinished ...>
18664 <... set_robust_list resumed>) = 0
18662 <... openat resumed>) = 3
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
18664 execve("./computing", ["computing", "1"], 0x7ffd69a2fd68 /* 36 vars */ <unfinished ...>
18662 mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fbfb0065000
18662 close(3) = 0
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v3/libnss_db.so.2",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v3/", 0x7ffd69a2c700, 0) = -1
ENOENT (No such file or directory)
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v2/libnss_db.so.2",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v2/", 0x7ffd69a2c700, 0) = -1
ENOENT (No such file or directory)
18662 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...}, 0)
= 0
18664 <... execve resumed>) = 0
18662 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v3/libnss_db.so.2",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v3/", <unfinished ...>
18664 brk(NULL <unfinished ...>
18662 <... newfstatat resumed>0x7ffd69a2c700, 0) = -1 ENOENT (No such file or directory)
18662 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v2/libnss_db.so.2",
O_RDONLY|O_CLOEXEC <unfinished ...>
18664 <... brk resumed>) = 0x55b5206a7000
18662 <... openat resumed>) = -1 ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcap/x86-64-v2/", 0x7ffd69a2c700, 0) =
-1 ENOENT (No such file or directory)
18664 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...>
18662 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
ENOENT (No such file or directory)
18664 <... mmap resumed>) = 0x7f52a3e40000
18662 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...},
0) = 0
18664 access("/etc/ld.so.preload", R_OK <unfinished ...>
18662 openat(AT_FDCWD, "/lib/glibc-hwcap/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -
1 ENOENT (No such file or directory)
18664 <... access resumed>) = -1 ENOENT (No such file or directory)
18662 newfstatat(AT_FDCWD, "/lib/glibc-hwcap/x86-64-v3/", 0x7ffd69a2c700, 0) = -1 ENOENT (No such
file or directory)
18664 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC <unfinished ...>
18662 openat(AT_FDCWD, "/lib/glibc-hwcap/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -

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1 ENOENT (No such file or directory)
18664 <... openat resumed>) = 3
18662 newfstatat(AT_FDCWD, "/lib/glibc-hwcap/x86-64-v2/", 0x7ffd69a2c700, 0) = -1 ENOENT (No such
file or directory)
18664 fstat(3, <unfinished ...>)
18662 openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file
or directory)
18664 <... fstat resumed>{st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
18662 newfstatat(AT_FDCWD, "/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
18664 mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0 <unfinished ...>)
18662 openat(AT_FDCWD, "/usr/lib/glibc-hwcap/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
= -1 ENOENT (No such file or directory)
18664 <... mmap resumed>) = 0x7f52a3e39000
18662 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcap/x86-64-v3/", 0x7ffd69a2c700, 0) = -1 ENOENT (No
such file or directory)
18664 close(3 <unfinished ...>)
18662 openat(AT_FDCWD, "/usr/lib/glibc-hwcap/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
= -1 ENOENT (No such file or directory)
18664 <... close resumed>) = 0
18662 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcap/x86-64-v2/", 0x7ffd69a2c700, 0) = -1 ENOENT (No
such file or directory)
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC <unfinished
...>)
18662 openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such
file or directory)
18664 <... openat resumed>) = 3
18662 newfstatat(AT_FDCWD, "/usr/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
18664 read(3, <unfinished ...>)
18662 munmap(0x7fbfb0065000, 24775) = 0
18662 openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3
18662 fstat(3, {st_mode=S_IFREG|0644, st_size=3144, ...}) = 0
18662 lseek(3, 0, SEEK_SET) = 0
18662 read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144
18662 read(3, <unfinished ...>)
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"... , 832) = 832
18662 <... read resumed>"" , 4096) = 0
18664 fstat(3, <unfinished ...>)
18662 close(3) = 0
18664 <... fstat resumed>{st_mode=S_IFREG|0644, st_size=663584, ...}) = 0
18662 eventfd2(0, EFD_CLOEXEC <unfinished ...>)
18664 mmap(NULL, 661336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>)
18662 <... eventfd2 resumed>) = 3
18662 fcntl(3, F_GETFL) = 0x2 (flags O_RDWR)
18662 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
18662 fcntl(3, F_GETFL) = 0x802 (flags O_RDWR|O_NONBLOCK)
18662 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
18662 getpid() = 18662
18662 getpid() = 18662
18662 getrandom(<unfinished ...>)
18664 <... mmap resumed>) = 0x7f52a3d97000
18662 <... getrandom resumed>"\xa7\x5b\xda\x64\x81\xaf\x04\xcc\x04\x02\xd8\xfa\xee\xa1\x31\x5a", 16,
0) = 16
18662 getrandom(<unfinished ...>)
18664 mmap(0x7f52a3db0000, 425984, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000 <unfinished ...>)

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18662 <... getrandom resumed>"\xdd\x4e\xe6\x95\x23\xb9\xcb\xbe\xfa\x1d\x9e\x52\x47\x50\x9e\xca", 16,
0) = 16
18662 eventfd2(0, EFD_CLOEXEC <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a3db0000
18662 <... eventfd2 resumed>)      = 4
18662 fcntl(4, F_GETFL <unfinished ...>
18664 mmap(0x7f52a3e18000, 98304, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x81000 <unfinished ...>
18662 <... fcntl resumed>)          = 0x2 (flags O_RDWR)
18662 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a3e18000
18662 <... fcntl resumed>)          = 0
18662 fcntl(4, F_GETFL <unfinished ...>
18664          mmap(0x7f52a3e30000,          36864,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x99000 <unfinished ...>
18662 <... fcntl resumed>)          = 0x802 (flags O_RDWR|O_NONBLOCK)
18662 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a3e30000
18662 <... fcntl resumed>)          = 0
18662 getpid()                    = 18662
18664 close(3 <unfinished ...>
18662 epoll_create1(EPoll_CLOEXEC)    = 5
18664 <... close resumed>)          = 0
18662 epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=1406294672, u64=94666780465808}})
= 0
18664   openat(AT_FDCWD,     "/lib/x86_64-linux-gnu/libstdc++.so.6",     O_RDONLY|O_CLOEXEC
<unfinished ...>
18662   epoll_ctl(5,   EPOLL_CTL_MOD,   4,   {events=EPOLLIN,   data={u32=1406294672,
u64=94666780465808}}) = 0
18664 <... openat resumed>)          = 3
18662 getpid()                    = 18662
18664 read(3, <unfinished ...>
18662       rt_sigaction(SIGRT_1,          {sa_handler=0x7fbfafb9e530,          sa_mask=[],
sa_flags=SA_RESTORER|SA_ONSTACK|SA_RESTART|SA_SIGINFO,   sa_restorer=0x7fbfafb4a330},
NULL, 8) = 0
18664 <... read resumed>"\177ELF\2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"... , 832) = 832
18662 rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
18664 fstat(3, <unfinished ...>
18662 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1,
0) = 0x7fbfaeec7000
18664 <... fstat resumed>{st_mode=S_IFREG|0644, st_size=2592224, ...}) = 0
18662 mprotect(0x7fbfaeec8000, 8388608, PROT_READ|PROT_WRITE) = 0
18664 mmap(NULL, 2609472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 rt_sigprocmask(SIG_BLOCK, ~[], [QUIT], 8) = 0
18664 <... mmap resumed>)          = 0x7f52a3b19000
18662
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE
_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARPID,
child_tid=0x7fbfaf6c7990,   parent_tid=0x7fbfaf6c7990,   exit_signal=0,   stack=0x7fbfaeec7000,
stack_size=0x7ffd00, tls=0x7fbfaf6c76c0} <unfinished ...>
18664          mmap(0x7f52a3bb6000,          1343488,          PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9d000 <unfinished ...>
18662 <... clone3 resumed>=> {parent_tid=[18665]}, 88) = 18665
18662 rt_sigprocmask(SIG_SETMASK, [QUIT], <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a3bb6000

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18662 <... rt_sigprocmask resumed>NULL, 8) = 0
18665 rseq(0x7fbfaf6c7fe0, 0x20, 0, 0x53053053 <unfinished ...>
18662 eventfd2(0, EFD_CLOEXEC <unfinished ...>
18664      mmap(0x7f52a3cfe000,      552960,      PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1e5000 <unfinished ...>
18662 <... eventfd2 resumed>)      = 6
18665 <... rseq resumed>)      = 0
18662 fcntl(6, F_GETFL <unfinished ...>
18664 <... mmap resumed>)      = 0x7f52a3cfe000
18662 <... fcntl resumed>)      = 0x2 (flags O_RDWR)
18665 set_robust_list(0x7fbfaf6c79a0, 24 <unfinished ...>
18662 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
18664      mmap(0x7f52a3d85000,      57344,      PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26b000 <unfinished ...>
18662 <... fcntl resumed>)      = 0
18665 <... set_robust_list resumed>) = 0
18662 fcntl(6, F_GETFL <unfinished ...>
18664 <... mmap resumed>)      = 0x7f52a3d85000
18662 <... fcntl resumed>)      = 0x802 (flags O_RDWR|O_NONBLOCK)
18665 rt_sigprocmask(SIG_SETMASK, [QUIT], <unfinished ...>
18662 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
18664      mmap(0x7f52a3d93000,      12608,      PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0 <unfinished ...>
18662 <... fcntl resumed>)      = 0
18665 <... rt_sigprocmask resumed>NULL, 8) = 0
18662 getpid( <unfinished ...>
18664 <... mmap resumed>)      = 0x7f52a3d93000
18662 <... getpid resumed>)      = 18662
18662 epoll_create1(EPOLL_CLOEXEC <unfinished ...>
18665 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
18662 <... epoll_create1 resumed>)      = 7
18664 close(3 <unfinished ...>
18662 epoll_ctl(7, EPOLL_CTL_ADD, 6, {events=0, data={u32=1406296784, u64=94666780467920}} <unfinished ...>
18665 <... rt_sigprocmask resumed>NULL, 8) = 0
18662 <... epoll_ctl resumed>)      = 0
18664 <... close resumed>)      = 0
18662  epoll_ctl(7,  EPOLL_CTL_MOD,  6,  {events=EPOLLIN,  data={u32=1406296784, u64=94666780467920}} <unfinished ...>
18665 sched_getparam(18665, <unfinished ...>
18662 <... epoll_ctl resumed>)      = 0
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC <unfinished ...>
18662 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7fbfae6c6000
18665 <... sched_getparam resumed>[0]) = 0
18664 <... openat resumed>)      = 3
18662 mprotect(0x7fbfae6c7000, 8388608, PROT_READ|PROT_WRITE <unfinished ...>
18665 sched_getscheduler(18665 <unfinished ...>
18662 <... mprotect resumed>)      = 0
18664 read(3, <unfinished ...>
18662 rt_sigprocmask(SIG_BLOCK, ~[], <unfinished ...>
18665 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
18662 <... rt_sigprocmask resumed>[QUIT], 8) = 0
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

```

18662

clone3({ flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE
_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7fbfaeec6990, parent_tid=0x7fbfaeec6990, exit_signal=0, stack=0x7fbfaec6c6000,
stack_size=0x7ffd00, tls=0x7fbfaeec66c0 } <unfinished ...>

18665 sched_setscheduler(18665, SCHED_OTHER, [0] <unfinished ...>

18664 fstat(3, <unfinished ...>

18662 <... clone3 resumed> => { parent_tid=[18666]}, 88) = 18666

18665 <... sched_setscheduler resumed>) = 0

18662 rt_sigprocmask(SIG_SETMASK, [QUIT], <unfinished ...>

18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=183024, ...}) = 0

18662 <... rt_sigprocmask resumed>NULL, 8) = 0

18665 prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>

18662 eventfd2(0, EFD_CLOEXEC <unfinished ...>

18664 mmap(NULL, 185256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>

18662 <... eventfd2 resumed>) = 8

18662 fcntl(8, F_GETFL <unfinished ...>

18665 <... prctl resumed>) = 0

18662 <... fcntl resumed>) = 0x2 (flags O_RDWR)

18664 <... mmap resumed>) = 0x7f52a3aeb000

18662 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

18665 epoll_wait(5, <unfinished ...>

18662 <... fcntl resumed>) = 0

18666 rseq(0x7fbfaeec6fe0, 0x20, 0, 0x53053053 <unfinished ...>

18664 mmap(0x7f52a3aef000, 147456, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000 <unfinished ...>

18662 fcntl(8, F_GETFL <unfinished ...>

18666 <... rseq resumed>) = 0

18662 <... fcntl resumed>) = 0x802 (flags O_RDWR|O_NONBLOCK)

18664 <... mmap resumed>) = 0x7f52a3aef000

18662 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

18666 set_robust_list(0x7fbfaeec69a0, 24 <unfinished ...>

18662 <... fcntl resumed>) = 0

18664 mmap(0x7f52a3b13000, 16384, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000 <unfinished ...>

18662 getpid() = 18662

18662 getpid() = 18662

18666 <... set_robust_list resumed>) = 0

18662 poll([{ fd=8, events=POLLIN}], 1, 0 <unfinished ...>

18664 <... mmap resumed>) = 0x7f52a3b13000

18662 <... poll resumed>) = 0 (Timeout)

18662 socket(AF_NETLINK, SOCK_RAW|SOCK_CLOEXEC, NETLINK_ROUTE <unfinished ...>

18666 rt_sigprocmask(SIG_SETMASK, [QUIT], <unfinished ...>

18664 mmap(0x7f52a3b17000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000 <unfinished ...>

18662 <... socket resumed>) = 9

18666 <... rt_sigprocmask resumed>NULL, 8) = 0

18662 bind(9, { sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12) = 0

18662 getsockname(9, { sa_family=AF_NETLINK, nl_pid=18662, nl_groups=00000000}, [12]) = 0

**18662 sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETLINK,
nlmsg_flags=NLM_F_REQUEST|NLM_F_DUMP, nlmsg_seq=1741797306, nlmsg_pid=0},
{ifl_family=AF_UNSPEC, ...}], 20, 0, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12
<unfinished ...>**

18664 <... mmap resumed>) = 0x7f52a3b17000

18662 <... sendto resumed>) = 20

18666 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

```
18662  recvmsg(9,  {msg_name={sa_family=AF_NETLINK,  nl_pid=0,  nl_groups=00000000},
msg_namelen=12,  msg_iov=[{iov_base=[{nlmsg_len=1348,  nlmsg_type=RTM_NEWLINK,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797306, nlmsg_pid=18662}, {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}, 00:00:00:00:00:00], [{nla_len=10,
nla_type=IFLA_BROADCAST}, 00:00:00:00:00:00], [{nla_len=196, nla_type=IFLA_STATS64},
{rx_packets=574915, tx_packets=574915, rx_bytes=98193605, tx_bytes=98193605, 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=574915, tx_packets=574915, rx_bytes=98193605,
tx_bytes=98193605, 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=792, 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]=0,
[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=652, 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=44, reachable_time=24250, retrans_time=1000}], [{nla_len=240,
nla_type=IFLA_INET6_CONF}, [[DEVCONF_FORWARDING]=0, [DEVCONF_HOPLIMIT]=64,
```

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[DEVCONF_MTU6]=65536,
[DEVCONF_ACCEPT_REDIRECTS]=1,
[DEVCONF_DAD_TRANSMITS]=1,
[DEVCONF_RTR_SOLICIT_INTERVAL]=4000,
[DEVCONF_USE_TEMPADDR]=-1,
[DEVCONF_TEMP_PREFERRED_LFT]=86400,
[DEVCONF_MAX_DESYNC_FACTOR]=600,
[DEVCONF_FORCE_MLD_VERSION]=0,
[DEVCONF_ACCEPT_RA_PINFO]=1,
[DEVCONF_RTR_PROBE_INTERVAL]=0,
[DEVCONF_ACCEPT_RA_RT_INFO_MAX_PLEN]=0,
[DEVCONF_OPTIMISTIC_DAD]=0,
[DEVCONF_MC_FORWARDING]=0,
[DEVCONF_ACCEPT_DAD]=-1,
[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,
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[IPSTATS_MIB_INTRUNCATEDPKTS]=0, [IPSTATS_MIB_OUTDISCARDS]=0,
[IPSTATS_MIB_REASMTIMEOUT]=0, [IPSTATS_MIB_REASMOKS]=0,
[IPSTATS_MIB_FRAGOKS]=0, [IPSTATS_MIB_FRAGCREATES]=0,
[IPSTATS_MIB_OUTMCASTPKTS]=0, [IPSTATS_MIB_OUTBCASTPKTS]=0,
[IPSTATS_MIB_OUTMCASTOCTETS]=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_EUI64]]], [{nlmsg_len=1416, nlmsg_type=RTM_NEWLINK,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797306, nlmsg_pid=18662}, {ifi_family=AF_UNSPEC,
ifi_type=ARPHRD_ETHER, ifi_index=if_nametoindex("eth0"),
ifi_flags=IFF_UP|IFF_BROADCAST|IFF_RUNNING|IFF_MULTICAST|IFF_LOWER_UP,
ifi_change=0}, [{nla_len=9, nla_type=IFLA_IFNAME}, "eth0"], [{nla_len=8,
nla_type=IFLA_TXQLEN}, 1000], [{nla_len=5, nla_type=IFLA_OPERSTATE}, 6], [{nla_len=5,
nla_type=IFLA_LINKMODE}, 0], [{nla_len=8, nla_type=IFLA_MTU}, 1280], [{nla_len=8,
nla_type=IFLA_MIN_MTU}, 68], [{nla_len=8, nla_type=IFLA_MAX_MTU}, 65521], [{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}, 64], [{nla_len=8, nla_type=IFLA_GSO_MAX_SEGS}, 65535],
[{nla_len=8, nla_type=IFLA_GSO_MAX_SIZE}, 62780], [{nla_len=8,
nla_type=IFLA_NUM_RX_QUEUES}, 64], [{nla_len=5, nla_type=IFLA_CARRIER}, 1], [{nla_len=7,
nla_type=IFLA_QDISC}, "mq"], [{nla_len=8, nla_type=IFLA_CARRIER_CHANGES}, 3],
[{nla_len=8, nla_type=IFLA_CARRIER_UP_COUNT}, 2], [{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}, 00:15:5d:1b:d9:32], [{nla_len=10,
nla_type=IFLA_BROADCAST}, ff:ff:ff:ff:ff:ff], [{nla_len=196, nla_type=IFLA_STATS64},

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{rx_packets=13875, tx_packets=7315, rx_bytes=9401503, tx_bytes=1379933, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=3704, 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=13875, tx_packets=7315, rx_bytes=9401503, tx_bytes=1379933, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=3704, 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=IFLA_PERM_ADDRESS}, 00:15:5d:1b:d9:32], [{nla_len=792, 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]=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]=0, [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=652, nla_type=AF_INET6}, [{nla_len=8, nla_type=IFLA_INET6_FLAGS}, IF_RS_SENT][IF_READY], [{nla_len=20, nla_type=IFLA_INET6_CACHEINFO}, {max_reasm_len=65535, tstamp=55, reachable_time=29770, retrans_time=1000}], [{nla_len=240, nla_type=IFLA_INET6_CONF}, [DEVCONF_FORWARDING]=0, [DEVCONF_HOPLIMIT]=64, [DEVCONF_MTU6]=1280, [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]=0, [DEVCONF_TEMP_VALID_LFT]=604800, [DEVCONF_TEMP_PREFERRED_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]=0, [DEVCONF_RTR_PROBE_INTERVAL]=0, [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]=1852, [IPSTATS_MIB_INOCTETS]=348631, [IPSTATS_MIB_INDELIVERS]=0, [IPSTATS_MIB_OUTFORWDATAGRAMS]=0, [IPSTATS_MIB_OUTPKTS]=27, [IPSTATS_MIB_OUTOCTETS]=1684, [IPSTATS_MIB_INHDRERRORS]=0,

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[IPSTATS_MIB_INTTOOBIGERRORS]=0,
[IPSTATS_MIB_INADDRERRORS]=0,
[IPSTATS_MIB_INTRUNCATEDPKTS]=0,
[IPSTATS_MIB_OUTDISCARDS]=0,
[IPSTATS_MIB_REASMTIMEOUT]=0,
[IPSTATS_MIB_REASMOKS]=0,
[IPSTATS_MIB_FRAGOKS]=0,
[IPSTATS_MIB_FRAGCREATES]=0,
[IPSTATS_MIB_OUTMCASTPKTS]=27,
[IPSTATS_MIB_OUTBCASTPKTS]=0,
[IPSTATS_MIB_OUTMCASTOCTETS]=1684,
[IPSTATS_MIB_OUTBCASTOCTETS]=0, [IPSTATS_MIB_CSUMERRORS]=0, ...], [{nla_len=52,
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[ICMP6_MIB_INERRORS]=0, [ICMP6_MIB_OUTMSGs]=27, [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]]], [{nla_len=41, nla_type=IFLA_PARENT_DEV_NAME},
"902d75e4-7cf6-4b9d-af9e-1be7f565"...], [{nla_len=10,
nla_type=IFLA_PARENT_DEV_BUS_NAME}, "vmbus""]], iov_len=8192}], msg_iovlen=1,
msg_controllen=0, msg_flags=0}, 0) = 2764
18666 <... rt_sigprocmask resumed>NULL, 8) = 0
18662 recvmsg(9, <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... recvmsg resumed>{msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000},
msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=20, nlmsg_type=NLMSG_DONE,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797306, nlmsg_pid=18662}, 0], iov_len=8192}],
msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 20
18666 sched_getparam(18666, <unfinished ...>
18662 sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETADDR,
nlmsg_flags=NLM_F_REQUEST|NLM_F_DUMP, nlmsg_seq=1741797307, nlmsg_pid=0},
{ifa_family=AF_UNSPEC, ...}], 20, 0, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12
<unfinished ...>
18664 <... close resumed> = 0
18662 <... sendto resumed> = 20
18666 <... sched_getparam resumed>[0]) = 0
18662 recvmsg(9, <unfinished ...>
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC <unfinished ...>
18662 <... recvmsg resumed>{msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000},
msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=76, nlmsg_type=RTM_NEWADDR,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797307, nlmsg_pid=18662}, {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_preferred=4294967295, ifa_valid=4294967295, cstamp=44,
tstamp=44}]]], [{nlmsg_len=84, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI,
nlmsg_seq=1741797307, nlmsg_pid=18662}, {ifa_family=AF_INET, ifa_prefixlen=32,
ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_UNIVERSE, ifa_index=if_nametoindex("lo")},
[{nla_len=8, nla_type=IFA_ADDRESS}, inet_addr("10.255.255.254")], [{nla_len=8,
nla_type=IFA_LOCAL}, inet_addr("10.255.255.254")], [{nla_len=8, nla_type=IFA_BROADCAST},
inet_addr("10.255.255.254")], [{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_preferred=4294967295, ifa_valid=4294967295, cstamp=44, tstamp=44}]]], [{nlmsg_len=88,
nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797307,
nlmsg_pid=18662}, {ifa_family=AF_INET, ifa_prefixlen=20, ifa_flags=IFA_F_PERMANENT,

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ifa_scope=RT_SCOPE_UNIVERSE, ifa_index=if_nametoindex("eth0")), [[{nla_len=8,
nla_type=IFA_ADDRESS}, inet_addr("172.17.162.92")], [{nla_len=8, nla_type=IFA_LOCAL},
inet_addr("172.17.162.92")], [{nla_len=8, nla_type=IFA_BROADCAST}, inet_addr("172.17.175.255")],
[{nla_len=9, nla_type=IFA_LABEL}, "eth0"], [{nla_len=8, nla_type=IFA_FLAGS},
IFA_F_PERMANENT], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295,
ifa_valid=4294967295, cstamp=55, tstamp=55}]]], iov_len=8192}], msg_iovlen=1, msg_controllen=0,
msg_flags=0}, 0) = 248
18666 sched_getscheduler(18666 <unfinished ...>
18662 recvmsg(9, <unfinished ...>
18664 <... openat resumed>) = 3
18662 <... recvmsg resumed>{msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000},
msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=72, nlmsg_type=RTM_NEWADDR,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797307, nlmsg_pid=18662}, {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=44, tstamp=44}], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT]]], [{nlmsg_len=72,
nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797307,
nlmsg_pid=18662}, {ifa_family=AF_INET6, ifa_prefixlen=64, ifa_flags=IFA_F_PERMANENT,
ifa_scope=RT_SCOPE_LINK, ifa_index=if_nametoindex("eth0")}, [{nla_len=20,
nla_type=IFA_ADDRESS}, inet_pton(AF_INET6, "fe80::215:5dff:fe1b:d932")], [{nla_len=20,
nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=55,
tstamp=55}], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT]]], iov_len=8192}],
msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 144
18666 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
18662 recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000},
msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=20, nlmsg_type=NLMSG_DONE,
nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741797307, nlmsg_pid=18662}, 0], iov_len=8192}],
msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 20
18666 sched_setscheduler(18666, SCHED_OTHER, [0] <unfinished ...>
18662 close(9 <unfinished ...>
18664 read(3, <unfinished ...>
18662 <... close resumed>) = 0
18662 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 9
18666 <... sched_setscheduler resumed>) = 0
18662 setsockopt(9, SOL_SOCKET, SO_REUSEADDR, [1], 4) = 0
18666 prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>
18662 bind(9, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")}, 16) = 0
18662 listen(9, 100 <unfinished ...>
18666 <... prctl resumed>) = 0
18662 <... listen resumed>) = 0
18662 getsockname(9, <unfinished ...>
18666 epoll_wait(7, <unfinished ...>
18662 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, [128=> 16]) = 0
18662 getsockname(9, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")}, [128
=> 16]) = 0
18662 getpid() = 18662
18662 write(6, "\1\0\0\0\0\0\0", 8) = 8
18664 <... read resumed>"\177ELF\2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220\243\2\0\0\0\0\0"..., 832) = 832
18662 getpid() = 18662
18662 write(8, "\1\0\0\0\0\0\0", 8) = 8
18662 fstat(1, <unfinished ...>
18666 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1406296784, u64=94666780467920}}],
256, -1) = 1

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18662 <... fstat resumed>{ st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x2), ...}) = 0
18662 write(1, "Ok: 18664\n", 10)      = 10
18662 getpid()                        = 18662
18662 poll([fd=8, events=POLLIN], 1, 0) = 1 ([fd=8, revents=POLLIN])
18662 getpid()                        = 18662
18662 read(8, "\1\0\0\0\0\0\0\0", 8)  = 8
18664 pread64(3, <unfinished ...>
18662 getpid( <unfinished ...>
18666 getpid( <unfinished ...>
18664 <... pread64 resumed>"\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"..., 784, 64) =
784
18662 <... getpid resumed>            = 18662
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18664 fstat(3, <unfinished ...>
18662 <... poll resumed>              = 0 (Timeout)
18666 <... getpid resumed>            = 18662
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... fstat resumed>{ st_mode=S_IFREG|0755, st_size=2125328, ...}) = 0
18662 <... pselect6 resumed>          = 0 (Timeout)
18662 getpid()                        = 18662
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18666 poll([fd=6, events=POLLIN], 1, 0 <unfinished ...>
18662 <... poll resumed>              = 0 (Timeout)
18664 pread64(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 getpid( <unfinished ...>
18666 <... poll resumed>              = 1 ([fd=6, revents=POLLIN])
18662 <... getpid resumed>            = 18662
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18666 getpid( <unfinished ...>
18662 <... poll resumed>              = 0 (Timeout)
18664 <... pread64 resumed>"\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"..., 784, 64) =
784
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18666 <... getpid resumed>            = 18662
18662 <... pselect6 resumed>          = 0 (Timeout)
18664 mmap(NULL, 2170256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 getpid( <unfinished ...>
18666 read(6, <unfinished ...>
18662 <... getpid resumed>            = 18662
18666 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
18664 <... mmap resumed>              = 0x7f52a38d9000
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18666 mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0 <unfinished
...>
18664      mmap(0x7f52a3901000,          1605632,          PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000 <unfinished ...>
18662 <... poll resumed>              = 0 (Timeout)
18666 <... mmap resumed>              = 0x7fbfa66c6000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18666 munmap(0x7fbfa66c6000, 26451968 <unfinished ...>
18662 getpid( <unfinished ...>
18666 <... munmap resumed>            = 0
18664 <... mmap resumed>              = 0x7f52a3901000
18662 <... getpid resumed>            = 18662

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18666 munmap(0x7fbfac000000, 40656896 <unfinished ...>
18662 poll([ { fd=8, events=POLLIN } ], 1, 0 <unfinished ...>
18664          mmap(0x7f52a3a89000,          323584,          PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1b0000 <unfinished ...>
18662 <... poll resumed>)          = 0 (Timeout)
18666 <... munmap resumed>)          = 0
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18666 mprotect(0x7fbfa8000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
18662 getpid()          = 18662
18666 <... mprotect resumed>)          = 0
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL <unfinished ...>
18666 epoll_ctl(7, EPOLL_CTL_ADD, 9, {events=0, data={u32=2818575216, u64=140461134056304}} <unfinished ...>
18662 <... pselect6 resumed>)          = 0 (Timeout)
18662 getpid( <unfinished ...>
18666 <... epoll_ctl resumed>)          = 0
18662 <... getpid resumed>)          = 18662
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18666  epoll_ctl(7,  EPOLL_CTL_MOD,  9,  {events=EPOLLIN,  data={u32=2818575216, u64=140461134056304}} <unfinished ...>
18662 getpid()          = 18662
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL <unfinished ...>
18666 <... epoll_ctl resumed>)          = 0
18662 <... pselect6 resumed>)          = 0 (Timeout)
18662 getpid( <unfinished ...>
18666 getpid( <unfinished ...>
18662 <... getpid resumed>)          = 18662
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18666 <... getpid resumed>)          = 18662
18662 getpid()          = 18662
18666 poll([ { fd=6, events=POLLIN } ], 1, 0 <unfinished ...>
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18662 getpid()          = 18662
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18666 <... poll resumed>)          = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18666 epoll_wait(7, <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a3a89000
18662 getpid()          = 18662
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18664          mmap(0x7f52a3ad8000,          24576,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1fe000 <unfinished ...>
18662 getpid()          = 18662
18664 <... mmap resumed>)          = 0x7f52a3ad8000
18662 poll([ { fd=8, events=POLLIN } ], 1, 0) = 0 (Timeout)
18664          mmap(0x7f52a3ade000,          52624,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, { tv_sec=0, tv_nsec=0 }, NULL) = 0 (Timeout)
18664 <... mmap resumed>)          = 0x7f52a3ade000

```

```

18662 getpid() = 18662
18662 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 getpid() = 18662
18662 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... close resumed>) = 0
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC <unfinished
...>
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid() = 18662
18664 <... openat resumed>) = 3
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 read(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 getpid() = 18662
18664 fstat(3, <unfinished ...>
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=80888, ...} = 0
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(NULL, 86208, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 getpid() = 18662
18664 <... mmap resumed>) = 0x7f52a38c3000
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 mmap(0x7f52a38c7000, 49152, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a38c7000
18662 getpid() = 18662
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 mmap(0x7f52a38d3000, 12288, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a38d3000
18662 getpid() = 18662
18664 mmap(0x7f52a38d6000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x12000 <unfinished ...>
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a38d6000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(0x7f52a38d8000, 192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0 <unfinished ...>
18662 getpid() = 18662
18664 <... mmap resumed>) = 0x7f52a38d8000
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... close resumed>) = 0
18662 getpid() = 18662
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC
<unfinished ...>

```



```

18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... openat resumed>                = 3
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 read(3, <unfinished ...>
18662 getpid()                            = 18662
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=355040, ...}) = 0
18662 getpid()                            = 18662
18664 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... mmap resumed>                = 0x7f52a38c1000
18662 <... poll resumed>                = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(NULL, 353336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 <... pselect6 resumed>            = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>                = 0x7f52a386a000
18662 <... getpid resumed>              = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664      mmap(0x7f52a3876000,          233472,          PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000 <unfinished ...>
18662 <... poll resumed>                = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... mmap resumed>                = 0x7f52a3876000
18662 <... pselect6 resumed>            = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 mmap(0x7f52a38af000, 65536, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x45000 <unfinished ...>
18662 <... getpid resumed>              = 18662
18664 <... mmap resumed>                = 0x7f52a38af000
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664      mmap(0x7f52a38bf000,          8192,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x55000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>                = 0x7f52a38bf000
18662 getpid()                            = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... poll resumed>                = 0 (Timeout)
18664 <... close resumed>                = 0
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664  openat(AT_FDCWD,  "/lib/x86_64-linux-gnu/libpgm-5.3.so.0",  O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 <... pselect6 resumed>            = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... openat resumed>                = 3
18662 <... getpid resumed>              = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 read(3, <unfinished ...>
18662 <... poll resumed>                = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>

```

```

18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 <... pselect6 resumed>          = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 fstat(3, <unfinished ...>
18662 <... getpid resumed>            = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=285568, ...}) = 0
18662 <... poll resumed>              = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(NULL, 301040, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 getpid()                        = 18662
18664 <... mmap resumed>              = 0x7f52a3820000
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664          mmap(0x7f52a3824000,          159744,          PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>              = 0x7f52a3824000
18662 getpid()                        = 18662
18664          mmap(0x7f52a384b000,          102400,          PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000 <unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>              = 0x7f52a384b000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664          mmap(0x7f52a3864000,          8192,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000 <unfinished ...>
18662 getpid()                        = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... mmap resumed>              = 0x7f52a3864000
18662 <... poll resumed>              = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664          mmap(0x7f52a3866000,          14320,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0 <unfinished ...>
18662 <... pselect6 resumed>          = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>              = 0x7f52a3866000
18662 <... getpid resumed>            = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... poll resumed>              = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... close resumed>              = 0
18662 <... pselect6 resumed>          = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC <unfinished
...>
18662 <... getpid resumed>            = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... openat resumed>              = 3
18662 <... poll resumed>              = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 read(3, <unfinished ...>
18662 <... pselect6 resumed>          = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 <... getpid resumed>            = 18662

```

```

18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 fstat(3, <unfinished ...>
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=366760, ...}) = 0
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 mmap(NULL, 1092032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 <... getpid resumed>) = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a3715000
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(0x7f52a371e000, 274432, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000 <unfinished ...>
18662 <... pselect6 resumed>) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a371e000
18662 getpid() = 18662
18664 mmap(0x7f52a3761000, 45056, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4c000 <unfinished ...>
18662 poll([fd=8, events=POLLIN]), 1, 0) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a3761000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(0x7f52a376c000, 16384, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x56000 <unfinished ...>
18662 getpid() = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a376c000
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(0x7f52a3770000, 719296, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0 <unfinished ...>
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a3770000
18662 <... getpid resumed>) = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... close resumed>) = 0
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 <... getpid resumed>) = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0) = 0 (Timeout)
18664 <... openat resumed>) = 3
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 read(3, <unfinished ...>
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 <... getpid resumed>) = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 fstat(3, <unfinished ...>

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18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=338696, ...}) = 0
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 mmap(NULL, 341080, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 <... getpid resumed>) = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a36c1000
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(0x7f52a36cd000, 237568, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000 <unfinished ...>
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a36cd000
18662 <... getpid resumed>) = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 mmap(0x7f52a3707000, 40960, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x46000 <unfinished ...>
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a3707000
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 mmap(0x7f52a3711000, 16384, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000 <unfinished ...>
18662 <... getpid resumed>) = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a3711000
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 getpid() = 18662
18664 <... close resumed>) = 0
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... openat resumed>) = 3
18662 getpid() = 18662
18664 read(3, <unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... read resumed>"\177ELF2\1\1\3\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 getpid() = 18662
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=952616, ...}) = 0
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 mmap(NULL, 950296, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a35d8000
18662 getpid() = 18662
18664 mmap(0x7f52a35e8000, 520192, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000 <unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

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18664 <... mmap resumed>) = 0x7f52a35e8000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(0x7f52a3667000, 360448, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x8f000 <unfinished ...>
18662 getpid() = 18662
18664 <... mmap resumed>) = 0x7f52a3667000
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18664 mmap(0x7f52a36bf000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xe7000 <unfinished ...>
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a36bf000
18662 <... pselect6 resumed>) = 0 (Timeout)
18662 getpid() = 18662
18664 close(3 <unfinished ...>
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 <... close resumed>) = 0
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC <unfinished
...>
18662 getpid() = 18662
18664 <... openat resumed>) = 3
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 read(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... read resumed> "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 getpid() = 18662
18664 fstat(3, <unfinished ...>
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 <... fstat resumed> {st_mode=S_IFREG|0644, st_size=55536, ...} = 0
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...>
18662 getpid() = 18662
18664 <... mmap resumed>) = 0x7f52a35d6000
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 mmap(NULL, 57448, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a35c7000
18662 getpid() = 18662
18664 mmap(0x7f52a35c9000, 36864, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000 <unfinished ...>
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>) = 0x7f52a35c9000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 mmap(0x7f52a35d2000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0xb000 <unfinished ...>
18662 getpid() = 18662
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18664 <... mmap resumed>) = 0x7f52a35d2000
18662 <... poll resumed>) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(0x7f52a35d4000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000 <unfinished ...>
18662 <... pselect6 resumed>) = 0 (Timeout)

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18662 getpid( <unfinished ...>
18664 <... mmap resumed>)          = 0x7f52a35d4000
18662 <... getpid resumed>)        = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... close resumed>)          = 0
18662 getpid()                     = 18662
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC <unfinished
...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... openat resumed>)         = 3
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 read(3, <unfinished ...>
18662 getpid()                     = 18662
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... fstat resumed>{st_mode=S_IFREG|0644, st_size=823488, ...}) = 0
18662 getpid()                     = 18662
18664 mmap(NULL, 822032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>)           = 0x7f52a34fe000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664      mmap(0x7f52a351e000,      397312,      PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x20000 <unfinished ...>
18662 getpid()                     = 18662
18664 <... mmap resumed>)           = 0x7f52a351e000
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664      mmap(0x7f52a357f000,      233472,      PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>)           = 0x7f52a357f000
18662 getpid()                     = 18662
18664      mmap(0x7f52a35b8000,      61440,      PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xba000 <unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>)           = 0x7f52a35b8000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... getpid resumed>)          = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... close resumed>)          = 0
18662 <... poll resumed>)           = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664  openat(AT_FDCWD,  "/lib/x86_64-linux-gnu/libk5crypto.so.3",  O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 <... pselect6 resumed>)        = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... openat resumed>)          = 3
18662 <... getpid resumed>)          = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 read(3, <unfinished ...>

```

```

18662 <... poll resumed>)          = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... read resumed>"\177ELF2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 <... pselect6 resumed>)      = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 fstat(3, <unfinished ...>
18662 <... getpid resumed>)        = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=178648, ...}) = 0
18662 <... poll resumed>)          = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 mmap(NULL, 176392, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 <... pselect6 resumed>)        = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>)            = 0x7f52a34d2000
18662 <... getpid resumed>)         = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664          mmap(0x7f52a34d6000,          110592,          PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000 <unfinished ...>
18662 <... poll resumed>)            = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... mmap resumed>)            = 0x7f52a34d6000
18662 <... pselect6 resumed>)        = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 mmap(0x7f52a34f1000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x1f000 <unfinished ...>
18662 <... getpid resumed>)          = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0 <unfinished ...>
18664 <... mmap resumed>)            = 0x7f52a34f1000
18662 <... poll resumed>)            = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664          mmap(0x7f52a34fc000,          8192,          PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2a000 <unfinished ...>
18662 <... pselect6 resumed>)        = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>)            = 0x7f52a34fc000
18662 <... getpid resumed>)         = 18662
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... close resumed>)           = 0
18662 getpid()                     = 18662
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... openat resumed>)          = 3
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 read(3, <unfinished ...>
18662 getpid()                     = 18662
18664 <... read resumed>"\177ELF2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 poll([ {fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=18504, ...}) = 0
18662 getpid( <unfinished ...>

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```

18664 mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 <... getpid resumed>)          = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 <... mmap resumed>)           = 0x7f52a34cc000
18662 <... poll resumed>)           = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18662 getpid()                     = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0) = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664      mmap(0x7f52a34ce000,      4096,      PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000 <unfinished ...>
18662 <... pselect6 resumed>)         = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... mmap resumed>)             = 0x7f52a34ce000
18662 <... getpid resumed>)          = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 mmap(0x7f52a34cf000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x3000 <unfinished ...>
18662 <... poll resumed>)             = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... mmap resumed>)             = 0x7f52a34cf000
18662 <... pselect6 resumed>)         = 0 (Timeout)
18662 getpid( <unfinished ...>
18664      mmap(0x7f52a34d0000,      8192,      PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000 <unfinished ...>
18662 <... getpid resumed>)           = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 <... mmap resumed>)             = 0x7f52a34d0000
18662 <... poll resumed>)             = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 close(3 <unfinished ...>
18662 <... pselect6 resumed>)         = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 <... close resumed>)             = 0
18662 <... getpid resumed>)           = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 <... poll resumed>)             = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL <unfinished ...>
18664 <... openat resumed>)            = 3
18662 <... pselect6 resumed>)         = 0 (Timeout)
18662 getpid( <unfinished ...>
18664 read(3, <unfinished ...>
18662 <... getpid resumed>)           = 18662
18662 poll([fd=8, events=POLLIN]), 1, 0 <unfinished ...>
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 <... poll resumed>)             = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... fstat resumed>{st_mode=S_IFREG|0644, st_size=47904, ...}) = 0
18662 getpid()                     = 18662
18664 mmap(NULL, 50128, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 poll([fd=8, events=POLLIN]), 1, 0) = 0 (Timeout)
18664 <... mmap resumed>)             = 0x7f52a34bf000

```



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18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664      mmap(0x7f52a34c2000,      24576,      PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000 <unfinished ...>
18662 getpid()      = 18662
18664 <... mmap resumed>      = 0x7f52a34c2000
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 mmap(0x7f52a34c8000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x9000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>      = 0x7f52a34c8000
18662 getpid( <unfinished ...>
18664      mmap(0x7f52a34ca000,      8192,      PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000 <unfinished ...>
18662 <... getpid resumed>      = 18662
18662 poll([fd=8, events=POLLIN], 1, 0 <unfinished ...>
18664 <... mmap resumed>      = 0x7f52a34ca000
18662 <... poll resumed>      = 0 (Timeout)
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 close(3 <unfinished ...>
18662 getpid()      = 18662
18664 <... close resumed>      = 0
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664  openat(AT_FDCWD,  "/lib/x86_64-linux-gnu/libkeyutils.so.1",  O_RDONLY|O_CLOEXEC
<unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... openat resumed>      = 3
18662 getpid()      = 18662
18664 read(3, <unfinished ...>
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 <... read resumed>"\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 fstat(3, <unfinished ...>
18662 getpid()      = 18662
18664 <... fstat resumed>{ st_mode=S_IFREG|0644, st_size=22600, ...}) = 0
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>      = 0x7f52a34bd000
18662 getpid()      = 18662
18664 mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished ...>
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>      = 0x7f52a34b6000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664      mmap(0x7f52a34b8000,      8192,      PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000 <unfinished ...>
18662 getpid()      = 18662
18664 <... mmap resumed>      = 0x7f52a34b8000
18662 poll([fd=8, events=POLLIN], 1, 0) = 0 (Timeout)
18664 mmap(0x7f52a34ba000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x4000 <unfinished ...>
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 <... mmap resumed>      = 0x7f52a34ba000
18662 getpid()      = 18662
18664      mmap(0x7f52a34bb000,      8192,      PROT_READ|PROT_WRITE,

```

```
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000 <unfinished ...>
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 <... mmap resumed>                = 0x7f52a34bb000
18662 pselect6(1, [0], NULL, NULL, {tv_sec=0, tv_nsec=0}, NULL) = 0 (Timeout)
18664 close(3 <unfinished ...>)
18662 getpid()                          = 18662
18664 <... close resumed>                = 0
18662 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
18664 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC
```

Вывод

При выполнении работы познакомился с библиотекой ZeroMQ и очередями сообщений. Было тяжело понять, как подступиться к работе и какую информацию изучать.