Московский Авиационный Институт

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Институт №8 “Компьютерные науки и прикладная математика”

Кафедра №806 “Вычислительная математика и программирование”

**Курсовая работа по курсу**

**«Операционные системы»**

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**Постановка задачи**

**Вариант 3.**

**Цель работы**

1. Приобретение практических навыков в использовании знаний, полученных в течении курса

2. Проведение исследования в выбранной предметной области

**Задание**

Необходимо спроектировать и реализовать программный прототип в соответствии с выбранным вариантом. Произвести анализ и сделать вывод на основании данных, полученных при работе программного прототипа.

Морской бой. Общение между сервером и клиентом необходимо организовать при помощи очередей сообщений (например, ZeroMQ). Каждый игрок должен при запуске ввести свой логин. Для каждого игрока должна вестись статистика игр (сколько побед/поражений). Игрок может посмотреть свою статистику.

**Общий метод и алгоритм решения**

Использованные системные вызовы:

* pid\_t getpid(void);– Возвращает идентификатор (PID) текущего процесса.
* int kill(pid\_t pid, int sig);– Отправляет сигнал процессу с указанным PID.
* unsigned int usleep(useconds\_t usec);– Приостанавливает выполнение текущего процесса на заданное количество микросекунд.

1. Сервер запускается и ожидает команды (login, create, join, stats) от клиентов через ZeroMQ (сокет ZMQ\_REP).
2. Клиент вводит логин (через stdin), отправляет команду login:<логин>, сервер проверяет, нет ли такого логина, и отвечает.
3. Клиент может создавать игровую «комнату» (create <имя\_комнаты>) или присоединяться к уже существующей (join <имя\_комнаты>). Когда в комнате набирается 2 игрока, сервер стартует логику «Морского боя».
4. В процессе «Морского боя» сервер «шлёт первым» (используя ZMQ\_REQ), а клиент отвечает (на ZMQ\_REP). Сервер может проверять, жив ли клиентский процесс, через kill(pid, 0). При неактивности или ошибке сервер завершает игру.
5. По итогам игры сервер обновляет статистику (wins/loses) для каждого логина. Клиент может потом продолжить, создав новую комнату или присоединившись к другой.

**Код программы**

**Client.cpp**

#include <iostream>

#include <string>

#include <sstream>

#include <unistd.h>

#include <csignal>

#include <thread>

#include <chrono>

#include "myMQ.h"

int PORT\_ITER = 0; // Глобальная переменная из myMQ.hpp

// Указатель на «игровой» сокет

static zmq::socket\_t\* gPlayerSocket = nullptr;

/\*

 \* Игровой цикл: слушаем сервер (get\_mes) и отвечаем (send\_mes).

 \* Возвращаемся, когда партия закончена (win/lose/ошибка).

 \*/

void gameLoop() {

    while (true) {

        std::string msg = get\_mes(\*gPlayerSocket);

        if (msg.empty()) {

            std::cout << "[Client] Пустое сообщение. Завершаем игровой режим.\n";

            return;

        }

        if (msg == "your\_turn") {

            send\_mes(\*gPlayerSocket, "ok");

        }

        else if (msg == "not\_your\_turn") {

            send\_mes(\*gPlayerSocket, "ok");

        }

        else if (msg == "shoot") {

            // Сервер просит координаты выстрела

            int x, y;

            std::cout << "[Client] Ваш ход! Введите x y: ";

            std::cin >> x >> y;

            std::stringstream ss;

            ss << "coords:" << x << ":" << y;

            send\_mes(\*gPlayerSocket, ss.str());

        }

        else if (msg == "shooted") {

            std::cout << "[Client] Попадание!\n";

            send\_mes(\*gPlayerSocket, "ok");

        }

        else if (msg == "miss") {

            std::cout << "[Client] Промах!\n";

            send\_mes(\*gPlayerSocket, "ok");

        }

        else if (msg.rfind("board", 0) == 0) {

            // Отобразим поле

            std::string boardStr = msg.substr(5);

            std::cout << "[Client] Текущее поле:\n" << boardStr << std::endl;

            send\_mes(\*gPlayerSocket, "ok");

        }

        else if (msg == "win") {

            std::cout << "[Client] Вы выиграли!\n";

            send\_mes(\*gPlayerSocket, "ok");

            return;

        }

        else if (msg == "lose") {

            std::cout << "[Client] Вы проиграли!\n";

            send\_mes(\*gPlayerSocket, "ok");

            return;

        }

        else if (msg.rfind("Введите ориентацию", 0) == 0) {

            // Сервер просит ориентацию

            std::cout << msg << std::endl;

            std::string orientation;

            std::cin >> orientation;

            send\_mes(\*gPlayerSocket, orientation);

        }

        else if (msg.rfind("Разместите", 0) == 0) {

            // Сервер просит координаты (x, y)

            std::cout << msg << std::endl;

            int x, y;

            std::cin >> x >> y;

            std::stringstream ss;

            ss << "coords:" << x << ":" << y;

            send\_mes(\*gPlayerSocket, ss.str());

        }

        else if (msg.rfind("Error", 0) == 0) {

            std::cout << "[Client] Ошибка: " << msg << std::endl;

            send\_mes(\*gPlayerSocket, "ok");

        }

        else {

            std::cout << "[Client] Неизвестное сообщение: " << msg << std::endl;

        }

    }

}

int main() {

    zmq::context\_t context(2);

    // Сокет для команд (login, create, join, stats)

    // Клиент = REQ, Сервер = REP

    zmq::socket\_t main\_socket(context, ZMQ\_REQ);

    main\_socket.connect(GetConPort(5555));

    std::cout << "Добро пожаловать в Морской бой!\n";

    // --- Авторизация ---

    std::string login;

    while (true) {

        std::cout << "Введите ваш логин: ";

        std::cin >> login;

        pid\_t pid = getpid();

        std::stringstream ss;

        ss << "login:" << login << ":" << pid;

        send\_mes(main\_socket, ss.str());

        std::string resp = get\_mes(main\_socket);

        if (resp.rfind("Ok:", 0) == 0) {

            // Успешно

            auto colPos = resp.find(':');

            int socketIndex = std::stoi(resp.substr(colPos+1));

            // Игровой сокет (REP, т.к. сервер = REQ)

            gPlayerSocket = new zmq::socket\_t(context, ZMQ\_REP);

            gPlayerSocket->connect(GetConPort(5556 + socketIndex));

            std::cout << "[Client] Авторизация прошла успешно. Игровой порт: "

                      << (5556 + socketIndex) << std::endl;

            break;

        }

        else if (resp.find("Error:NameAlreadyExist") == 0) {

            std::cout << "Ошибка: логин уже существует, попробуйте другой.\n";

        }

        else if (resp.find("Error:NoFreeSockets") == 0) {

            std::cout << "Ошибка: на сервере нет свободных слотов.\n";

            return 0;

        }

        else {

            std::cout << "Ошибка: " << resp << std::endl;

        }

    }

    // --- Цикл команд create/join/stats/exit ---

    while (true) {

        std::cout << "\n=========================================\n"

                  << "Доступные команды:\n"

                  << "  create <имя\_игры>  - создать комнату\n"

                  << "  join <имя\_игры>    - присоединиться к комнате\n"

                  << "  stats             - показать свою статистику\n"

                  << "  exit              - выйти из программы\n"

                  << "=========================================\n"

                  << "Введите команду: ";

        std::string command;

        std::cin >> command;

        if (command == "create") {

            std::string roomName;

            std::cin >> roomName;

            std::stringstream ss;

            ss << "create:" << login << ":" << roomName;

            send\_mes(main\_socket, ss.str());

            std::string resp = get\_mes(main\_socket);

            std::cout << "[Client] Сервер ответил: " << resp << std::endl;

            if (resp.rfind("Ok:RoomCreated", 0) == 0) {

                std::cout << "[Client] Ожидаем второго игрока...\n";

                gameLoop();

                // Возврат в меню после окончания игры

            }

        }

        else if (command == "join") {

            std::string roomName;

            std::cin >> roomName;

            std::stringstream ss;

            ss << "join:" << login << ":" << roomName;

            send\_mes(main\_socket, ss.str());

            std::string resp = get\_mes(main\_socket);

            std::cout << "[Client] Сервер ответил: " << resp << std::endl;

            if (resp.rfind("Ok:RoomJoined", 0) == 0) {

                gameLoop();

                // После окончания партии снова в меню

            }

        }

        else if (command == "stats") {

            std::stringstream ss;

            ss << "stats:" << login;

            send\_mes(main\_socket, ss.str());

            std::string resp = get\_mes(main\_socket);

            std::cout << "[Client] Статистика: " << resp << std::endl;

        }

        else if (command == "exit") {

            std::cout << "[Client] Завершение работы.\n";

            return 0;

        }

        else {

            std::cout << "[Client] Неизвестная команда.\n";

        }

    }

    return 0;

}

**Game.h**

#pragma once

#include <iostream>

#include <string>

#include <sstream>

#include <csignal>

#include "player.h"

/\*

 \*Класс, управляющий логикой «Морского боя» между двумя игроками

 \*/

class Game {

public:

    Player player1;

    Player player2;

    /\*

     \*Запуск игры

     \*/

    void play(zmq::socket\_t& player1\_socket,

              zmq::socket\_t& player2\_socket,

              pid\_t first\_player\_pid,

              pid\_t second\_player\_pid)

    {

        std::cout << "[Server] Игра началась между (PID "

                  << first\_player\_pid << ") и (PID "

                  << second\_player\_pid << ")!\n";

        player1.num = 1;

        player2.num = 2;

        // Расстановка кораблей

        player1.placeShips(player1\_socket, first\_player\_pid, second\_player\_pid);

        player2.placeShips(player2\_socket, first\_player\_pid, second\_player\_pid);

        int turn = 0;

        while (!gameOver()) {

            bool alive = try\_recv(first\_player\_pid, second\_player\_pid);

            if (!alive) {

                std::cout << "[Server] Игра прервана (один из процессов умер)\n";

                kill(first\_player\_pid, SIGTERM);

                kill(second\_player\_pid, SIGTERM);

                exit(0);

            }

            if (turn % 2 == 0) {

                // Ход первого

                send\_mes(player1\_socket, "your\_turn");

                get\_mes(player1\_socket);

                send\_mes(player2\_socket, "not\_your\_turn");

                get\_mes(player2\_socket);

                if (playerTurn(player1, player2, player1\_socket, player2\_socket)) {

                    if (gameOver()) {

                        // Победил 1

                        send\_mes(player1\_socket, "win");

                        get\_mes(player1\_socket);

                        send\_mes(player2\_socket, "lose");

                        get\_mes(player2\_socket);

                        break;

                    }

                    // Повтор хода (попадание)

                    continue;

                } else {

                    turn++;

                }

            } else {

                // Ход второго

                send\_mes(player2\_socket, "your\_turn");

                get\_mes(player2\_socket);

                send\_mes(player1\_socket, "not\_your\_turn");

                get\_mes(player1\_socket);

                if (playerTurn(player2, player1, player2\_socket, player1\_socket)) {

                    if (gameOver()) {

                        // Победил 2

                        send\_mes(player2\_socket, "win");

                        get\_mes(player2\_socket);

                        send\_mes(player1\_socket, "lose");

                        get\_mes(player1\_socket);

                        break;

                    }

                    continue;

                } else {

                    turn++;

                }

            }

        }

        std::cout << "[Server] Игра завершена!\n";

    }

private:

    /\*

     \* Проверка, не уничтожены ли все корабли

     \*/

    bool gameOver() const {

        return allShipsDead(player1) || allShipsDead(player2);

    }

    bool allShipsDead(const Player& pl) const {

        for (auto& row : pl.board) {

            for (auto c : row) {

                if (c == 'O') {

                    return false;

                }

            }

        }

        return true;

    }

    /\*

     \* Ход: attacker стреляет по defender

     \* true, если попадание (ход повторяется), иначе false

     \*/

    bool playerTurn(Player& attacker, Player& defender,

                    zmq::socket\_t& attacker\_socket,

                    zmq::socket\_t& defender\_socket)

    {

        // Говорим «shoot»

        send\_mes(attacker\_socket, "shoot");

        std::string recv = get\_mes(attacker\_socket);

        // Ожидаем: "coords:x:y"

        std::stringstream ss(recv);

        std::string cmd, sx, sy;

        std::getline(ss, cmd, ':'); // coords

        std::getline(ss, sx, ':');

        std::getline(ss, sy, ':');

        if (sx.empty() || sy.empty()) {

            // Неверный формат

            send\_mes(attacker\_socket, "miss");

            get\_mes(attacker\_socket);

            send\_mes(defender\_socket, "miss");

            get\_mes(defender\_socket);

            return false;

        }

        int x = std::stoi(sx);

        int y = std::stoi(sy);

        // Проверка

        if (x < 0 || x >= BOARD\_SIZE || y < 0 || y >= BOARD\_SIZE) {

            // Мимо

            send\_mes(attacker\_socket, "miss");

            get\_mes(attacker\_socket);

            send\_mes(defender\_socket, "miss");

            get\_mes(defender\_socket);

            return false;

        }

        // Попал?

        if (defender.board[x][y] == 'O') {

            defender.board[x][y] = 'X';

            send\_mes(attacker\_socket, "shooted");

            get\_mes(attacker\_socket);

            send\_mes(defender\_socket, "shooted");

            get\_mes(defender\_socket);

            return true;

        } else {

            // Промах

            if (defender.board[x][y] == ' ') {

                defender.board[x][y] = '\*';

            }

            send\_mes(attacker\_socket, "miss");

            get\_mes(attacker\_socket);

            send\_mes(defender\_socket, "miss");

            get\_mes(defender\_socket);

            // Покажем поле

            send\_mes(attacker\_socket, "board" + defender.getClearBoard());

            get\_mes(attacker\_socket);

            send\_mes(defender\_socket, "board" + defender.getBoard());

            get\_mes(defender\_socket);

            return false;

        }

    }

};

**myMQ.h**

#pragma once

#include <zmq.hpp>

#include <iostream>

#include <signal.h>

#include <string>

/\*

 \*Глобальная переменная, отвечающая за индекс «игрового» сокета на сервере.

 \*/

extern int PORT\_ITER;

/\*

 \*Получить строку для подключения по TCP на заданный порт

 \*/

inline std::string GetConPort(int port) {

    return "tcp://127.0.0.1:" + std::to\_string(port);

}

/\*

 \*Отправка строки через сокет ZeroMQ

 \*/

inline bool send\_mes(zmq::socket\_t& socket, const std::string& message\_string) {

    zmq::message\_t message(message\_string.size());

    memcpy(message.data(), message\_string.c\_str(), message\_string.size());

    return bool(socket.send(message, zmq::send\_flags::none));

}

/\*

 \*Получение строки из сокета ZeroMQ

 \*/

inline std::string get\_mes(zmq::socket\_t& socket) {

    zmq::message\_t message;

    bool ok = false;

    try {

        ok = bool(socket.recv(message, zmq::recv\_flags::none));

    } catch(...) {

        ok = false;

    }

    if (!ok) {

        return "";

    }

    return std::string(static\_cast<char\*>(message.data()), message.size());

}

/\*

 \*Проверка, живы ли процессы (kill(pid, 0)).

 \*/

inline bool try\_recv(pid\_t first\_player\_pid, pid\_t second\_player\_pid) {

    if (kill(first\_player\_pid, 0) != 0 || kill(second\_player\_pid, 0) != 0) {

        return false;

    }

    return true;

}

**player.h**

#pragma once

#include <iostream>

#include <vector>

#include <string>

#include <sstream>

#include <csignal>

#include "myMQ.h"

// Размер игрового поля

const int BOARD\_SIZE = 10;

/\*

 \*Класс, описывающий игрока и его поле

 \*/

class Player {

public:

    // Поле 10x10

    std::vector<std::vector<char>> board;

    // Номер игрока (1 или 2)

    int num;

    Player() {

        board = std::vector<std::vector<char>>(BOARD\_SIZE, std::vector<char>(BOARD\_SIZE, ' '));

        num = 0;

    }

    /\*

     \*Простейшее размещение кораблей (один однопалубник)

     \*/

    void placeShips(zmq::socket\_t& player\_socket, pid\_t first\_player\_pid, pid\_t second\_player\_pid) {

        // Спросим у клиента ориентацию

        send\_mes(player\_socket, "Введите ориентацию (V/H)");

        std::string orientation = get\_mes(player\_socket);

        {

            // Удалим лишние пробелы

            std::stringstream tmpSS(orientation);

            tmpSS >> orientation;

        }

        // Попросим координаты

        send\_mes(player\_socket, "Разместите 1-палубный корабль (x y)");

        std::string coords = get\_mes(player\_socket);

        bool alive = try\_recv(first\_player\_pid, second\_player\_pid);

        if (!alive) {

            std::cout << "[Server] Игра прервана из-за смерти процесса\n";

            kill(first\_player\_pid, SIGTERM);

            kill(second\_player\_pid, SIGTERM);

            exit(0);

        }

        // Парсим полученные координаты (формат "coords:x:y")

        int x = -1, y = -1;

        {

            std::stringstream ss(coords);

            std::string tmp;

            std::getline(ss, tmp, ':'); // "coords"

            std::getline(ss, tmp, ':'); // x

            x = std::stoi(tmp);

            std::getline(ss, tmp, ':'); // y

            y = std::stoi(tmp);

        }

        if (x < 0 || x >= BOARD\_SIZE || y < 0 || y >= BOARD\_SIZE) {

            send\_mes(player\_socket, "Error: Неверные координаты");

            get\_mes(player\_socket); // читаем "ok"

            return;

        }

        // Размещаем корабль

        board[x][y] = 'O';

        // Покажем доску

        send\_mes(player\_socket, "board" + getBoard());

        get\_mes(player\_socket); // "ok"

    }

    /\*

     \*Возвращает поле игрока в виде строки (открытое, с кораблями)

     \*/

    std::string getBoard() const {

        std::stringstream ss;

        ss << "\n  0 1 2 3 4 5 6 7 8 9\n";

        for (int i = 0; i < BOARD\_SIZE; ++i) {

            ss << i << " ";

            for (int j = 0; j < BOARD\_SIZE; ++j) {

                ss << board[i][j] << " ";

            }

            ss << "\n";

        }

        ss << "\n";

        return ss.str();

    }

    /\*

     \*Возвращает поле игрока без отображения кораблей (скрытые «O»)

     \*/

    std::string getClearBoard() const {

        std::stringstream ss;

        ss << "\n  0 1 2 3 4 5 6 7 8 9\n";

        for (int i = 0; i < BOARD\_SIZE; ++i) {

            ss << i << " ";

            for (int j = 0; j < BOARD\_SIZE; ++j) {

                if (board[i][j] == 'O') {

                    ss << "  ";

                } else {

                    ss << board[i][j] << " ";

                }

            }

            ss << "\n";

        }

        ss << "\n";

        return ss.str();

    }

};

**server.cpp**

#include <iostream>

#include <string>

#include <map>

#include <unordered\_map>

#include <csignal>

#include <unistd.h>

#include <sstream>

#include <zmq.hpp>

#include "myMQ.h"

#include "game.h"

#include "player.h"

int PORT\_ITER = 0;

// Структура игровой комнаты

struct GameRoom {

    std::string name;

    pid\_t playersPid[2];

    zmq::socket\_t\* playersSock[2];

    int filled = 0;

};

int main() {

    zmq::context\_t context(3);

    // Главный сокет (для команд login/create/join/stats) - REP

    zmq::socket\_t main\_socket(context, ZMQ\_REP);

    main\_socket.bind("tcp://\*:5555");

    // «Игровые» сокеты - сервер = ZMQ\_REQ (send->recv)

    const int MAX\_SOCKETS = 5;

    zmq::socket\_t sockets[MAX\_SOCKETS] = {

        zmq::socket\_t(context, ZMQ\_REQ),

        zmq::socket\_t(context, ZMQ\_REQ),

        zmq::socket\_t(context, ZMQ\_REQ),

        zmq::socket\_t(context, ZMQ\_REQ),

        zmq::socket\_t(context, ZMQ\_REQ),

    };

    for (int i = 0; i < MAX\_SOCKETS; i++) {

        std::string bindStr = "tcp://\*:" + std::to\_string(5556 + i);

        sockets[i].bind(bindStr);

    }

    std::map<std::string, pid\_t> loginMap;                      // login -> pid

    std::map<pid\_t, int> pidToSocketIndex;                      // pid -> socket index

    std::unordered\_map<std::string, std::pair<int,int>> stats;  // login -> (wins, loses)

    std::map<std::string, GameRoom> rooms;                      // roomName -> GameRoom

    std::cout << "Сервер запущен.\n";

    while (true) {

        // Ждём команду от клиента (client=REQ, здесь=REP)

        std::string request = get\_mes(main\_socket);

        if (request.empty()) {

            send\_mes(main\_socket, "Error:EmptyRequest");

            continue;

        }

        std::cout << "[SERVER] Получено сообщение: " << request << std::endl;

        std::stringstream ss(request);

        std::string cmd;

        std::getline(ss, cmd, ':');

        if (cmd == "login") {

            // "login:<login>:<pid>"

            std::string login;

            std::getline(ss, login, ':');

            std::string pidStr;

            std::getline(ss, pidStr, ':');

            pid\_t p = (pid\_t)std::stoi(pidStr);

            // Проверяем, нет ли уже такого логина

            if (loginMap.find(login) != loginMap.end()) {

                send\_mes(main\_socket, "Error:NameAlreadyExist");

                continue;

            }

            // Проверяем, есть ли свободный socketIndex

            if (PORT\_ITER >= MAX\_SOCKETS) {

                send\_mes(main\_socket, "Error:NoFreeSockets");

                continue;

            }

            loginMap[login] = p;

            pidToSocketIndex[p] = PORT\_ITER;

            if (stats.find(login) == stats.end()) {

                stats[login] = {0, 0}; // wins=0, loses=0

            }

            // Ответ: "Ok:<index>"

            std::string resp = "Ok:" + std::to\_string(PORT\_ITER);

            send\_mes(main\_socket, resp);

            PORT\_ITER++;

        }

        else if (cmd == "create") {

            // "create:<login>:<roomName>"

            std::string login, roomName;

            std::getline(ss, login, ':');

            std::getline(ss, roomName, ':');

            if (loginMap.find(login) == loginMap.end()) {

                send\_mes(main\_socket, "Error:NeedLoginFirst");

                continue;

            }

            if (rooms.find(roomName) != rooms.end()) {

                send\_mes(main\_socket, "Error:RoomAlreadyExist");

                continue;

            }

            GameRoom gr;

            gr.name = roomName;

            gr.filled = 1;

            gr.playersPid[0] = loginMap[login];

            gr.playersPid[1] = 0;

            gr.playersSock[0] = &sockets[ pidToSocketIndex[ loginMap[login] ] ];

            gr.playersSock[1] = nullptr;

            rooms[roomName] = gr;

            send\_mes(main\_socket, "Ok:RoomCreated");

        }

        else if (cmd == "join") {

            // "join:<login>:<roomName>"

            std::string login, roomName;

            std::getline(ss, login, ':');

            std::getline(ss, roomName, ':');

            if (loginMap.find(login) == loginMap.end()) {

                send\_mes(main\_socket, "Error:NeedLoginFirst");

                continue;

            }

            auto it = rooms.find(roomName);

            if (it == rooms.end()) {

                send\_mes(main\_socket, "Error:RoomNotExist");

                continue;

            }

            GameRoom &gr = it->second;

            if (gr.filled >= 2) {

                send\_mes(main\_socket, "Error:RoomIsFull");

                continue;

            }

            gr.playersPid[1] = loginMap[login];

            gr.playersSock[1] = &sockets[ pidToSocketIndex[ loginMap[login] ] ];

            gr.filled++;

            send\_mes(main\_socket, "Ok:RoomJoined");

            // Если теперь 2 игрока — запускаем игру

            if (gr.filled == 2) {

                pid\_t pid1 = gr.playersPid[0];

                pid\_t pid2 = gr.playersPid[1];

                zmq::socket\_t &sock1 = \*(gr.playersSock[0]);

                zmq::socket\_t &sock2 = \*(gr.playersSock[1]);

                std::cout << "[SERVER] Начинаем игру в комнате " << roomName << std::endl;

                Game game;

                game.play(sock1, sock2, pid1, pid2);

                // Определяем, кто проиграл (проверив поле у каждого)

                bool p1lost = false;

                bool p2lost = false;

                // Проверяем поле player1

                {

                    bool p1Dead = true;

                    for (auto &row : game.player1.board) {

                        for (auto c : row) {

                            if (c == 'O') {

                                p1Dead = false;

                                break;

                            }

                        }

                        if (!p1Dead) break;

                    }

                    p1lost = p1Dead;

                }

                // Проверяем поле player2

                {

                    bool p2Dead = true;

                    for (auto &row : game.player2.board) {

                        for (auto c : row) {

                            if (c == 'O') {

                                p2Dead = false;

                                break;

                            }

                        }

                        if (!p2Dead) break;

                    }

                    p2lost = p2Dead;

                }

                // Найдём логины этих pid

                std::string login1, login2;

                for (auto &kv : loginMap) {

                    if (kv.second == pid1) login1 = kv.first;

                    if (kv.second == pid2) login2 = kv.first;

                }

                // Обновим статистику

                if (!login1.empty() && !login2.empty()) {

                    if (p1lost && !p2lost) {

                        // Игрок1 проиграл, игрок2 выиграл

                        stats[login1].second += 1;

                        stats[login2].first += 1;

                    }

                    if (p2lost && !p1lost) {

                        stats[login2].second += 1;

                        stats[login1].first += 1;

                    }

                }

                // Удалим комнату (по завершении)

                rooms.erase(roomName);

            }

        }

        else if (cmd == "stats") {

            // "stats:<login>"

            std::string login;

            std::getline(ss, login, ':');

            auto it = stats.find(login);

            if (it == stats.end()) {

                send\_mes(main\_socket, "Error:NoStats");

            } else {

                auto [w, l] = it->second;

                std::stringstream out;

                out << "Stats: wins=" << w << ", loses=" << l;

                send\_mes(main\_socket, out.str());

            }

        }

        else {

            send\_mes(main\_socket, "Error:UnknownCommand");

        }

    }

    return 0;

}

**Протокол работы программы**

**Тестирование:**

root@983c3166cd08:/workspaces/os\_base/cp/src# ./server

Сервер запущен.

[SERVER] Получено сообщение: login:1:9065

[SERVER] Получено сообщение: create:1:1

[SERVER] Получено сообщение: login:2:9266

[SERVER] Получено сообщение: join:2:1

[SERVER] Начинаем игру в комнате 1

[Server] Игра началась между (PID 9065) и (PID 9266)!

root@983c3166cd08:/workspaces/os\_base/cp/src# ./client

Добро пожаловать в Морской бой!

Введите ваш логин: 1

[Client] Авторизация прошла успешно. Игровой порт: 5556

=========================================

Доступные команды:

create <имя\_игры> - создать комнату

join <имя\_игры> - присоединиться к комнате

stats - показать свою статистику

exit - выйти из программы

=========================================

Введите команду: create 1

[Client] Сервер ответил: Ok:RoomCreated

[Client] Ожидаем второго игрока...

Введите ориентацию (V/H)

V

Разместите 1-палубный корабль (x y)

1 1

[Client] Текущее поле:

0 1 2 3 4 5 6 7 8 9

0

1 O

2

3

4

5

6

7

8

9

[Client] Ваш ход! Введите x y:

root@983c3166cd08:/workspaces/os\_base/cp/src# ./client

Добро пожаловать в Морской бой!

Введите ваш логин: 2

[Client] Авторизация прошла успешно. Игровой порт: 5557

=========================================

Доступные команды:

create <имя\_игры> - создать комнату

join <имя\_игры> - присоединиться к комнате

stats - показать свою статистику

exit - выйти из программы

=========================================

Введите команду: join 1

[Client] Сервер ответил: Ok:RoomJoined

Введите ориентацию (V/H)

H

Разместите 1-палубный корабль (x y)

2 2

[Client] Текущее поле:

0 1 2 3 4 5 6 7 8 9

0

1

2 O

3

4

5

6

7

8

9

**Strace:**

**Server:**

10507 execve("./server", ["./server"], 0x7ffc14d0d458 /\* 26 vars \*/) = 0

10507 brk(NULL) = 0xe96a000

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a77a000

10507 access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=25786, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 25786, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f2c6a773000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=774184, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 772088, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a6b6000

10507 mmap(0x7f2c6a6cf000, 487424, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19000) = 0x7f2c6a6cf000

10507 mmap(0x7f2c6a746000, 147456, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x90000) = 0x7f2c6a746000

10507 mmap(0x7f2c6a76a000, 36864, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb4000) = 0x7f2c6a76a000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/usr/local/lib64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2530008, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 2543808, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a448000

10507 mmap(0x7f2c6a4ed000, 1216512, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa5000) = 0x7f2c6a4ed000

10507 mmap(0x7f2c6a616000, 581632, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1ce000) = 0x7f2c6a616000

10507 mmap(0x7f2c6a6a4000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25c000) = 0x7f2c6a6a4000

10507 mmap(0x7f2c6a6b2000, 12480, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a6b2000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=907784, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 909560, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a369000

10507 mmap(0x7f2c6a379000, 471040, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x10000) = 0x7f2c6a379000

10507 mmap(0x7f2c6a3ec000, 368640, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x83000) = 0x7f2c6a3ec000

10507 mmap(0x7f2c6a446000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xdc000) = 0x7f2c6a446000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/usr/local/lib64/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=906528, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 181160, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a33c000

10507 mmap(0x7f2c6a340000, 143360, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c6a340000

10507 mmap(0x7f2c6a363000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x27000) = 0x7f2c6a363000

10507 mmap(0x7f2c6a367000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2b000) = 0x7f2c6a367000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\20t\2\0\0\0\0\0"..., 832) = 832

10507 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=1922136, ...}, AT\_EMPTY\_PATH) = 0

10507 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10507 mmap(NULL, 1970000, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a15b000

10507 mmap(0x7f2c6a181000, 1396736, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x26000) = 0x7f2c6a181000

10507 mmap(0x7f2c6a2d6000, 339968, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x17b000) = 0x7f2c6a2d6000

10507 mmap(0x7f2c6a329000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1ce000) = 0x7f2c6a329000

10507 mmap(0x7f2c6a32f000, 53072, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a32f000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libbsd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=84840, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a159000

10507 mmap(NULL, 86224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a143000

10507 mmap(0x7f2c6a147000, 49152, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c6a147000

10507 mmap(0x7f2c6a153000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x10000) = 0x7f2c6a153000

10507 mmap(0x7f2c6a156000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x13000) = 0x7f2c6a156000

10507 mmap(0x7f2c6a158000, 208, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a158000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libsodium.so.23", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0 \314\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=363208, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 365576, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a0e9000

10507 mprotect(0x7f2c6a0f5000, 311296, PROT\_NONE) = 0

10507 mmap(0x7f2c6a0f5000, 233472, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f2c6a0f5000

10507 mmap(0x7f2c6a12e000, 73728, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x45000) = 0x7f2c6a12e000

10507 mmap(0x7f2c6a141000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x57000) = 0x7f2c6a141000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpgm-5.3.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220I\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=306400, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 326096, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c6a099000

10507 mmap(0x7f2c6a09d000, 167936, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c6a09d000

10507 mmap(0x7f2c6a0c6000, 118784, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2d000) = 0x7f2c6a0c6000

10507 mmap(0x7f2c6a0e3000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x49000) = 0x7f2c6a0e3000

10507 mmap(0x7f2c6a0e5000, 14800, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c6a0e5000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnorm.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\300\246\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=489480, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 1214976, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69f70000

10507 mprotect(0x7f2c69f7a000, 438272, PROT\_NONE) = 0

10507 mmap(0x7f2c69f7a000, 278528, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f2c69f7a000

10507 mmap(0x7f2c69fbe000, 155648, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4e000) = 0x7f2c69fbe000

10507 mmap(0x7f2c69fe5000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x74000) = 0x7f2c69fe5000

10507 mmap(0x7f2c69fe9000, 719360, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69fe9000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgssapi\_krb5.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=338680, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 337152, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69f1d000

10507 mmap(0x7f2c69f29000, 221184, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f2c69f29000

10507 mmap(0x7f2c69f5f000, 53248, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x42000) = 0x7f2c69f5f000

10507 mmap(0x7f2c69f6c000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4f000) = 0x7f2c69f6c000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libmd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=47312, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69f1b000

10507 mmap(NULL, 49384, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69f0e000

10507 mmap(0x7f2c69f10000, 28672, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f2c69f10000

10507 mmap(0x7f2c69f17000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x7f2c69f17000

10507 mmap(0x7f2c69f19000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f2c69f19000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpthread.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=14480, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 16400, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69f09000

10507 mmap(0x7f2c69f0a000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1000) = 0x7f2c69f0a000

10507 mmap(0x7f2c69f0b000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f2c69f0b000

10507 mmap(0x7f2c69f0c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f2c69f0c000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5.so.3", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=888080, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 890784, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69e2f000

10507 mmap(0x7f2c69e52000, 389120, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x23000) = 0x7f2c69e52000

10507 mmap(0x7f2c69eb1000, 294912, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x82000) = 0x7f2c69eb1000

10507 mmap(0x7f2c69ef9000, 65536, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc9000) = 0x7f2c69ef9000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libk5crypto.so.3", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=183048, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 180952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69e02000

10507 mmap(0x7f2c69e06000, 106496, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c69e06000

10507 mmap(0x7f2c69e20000, 53248, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e000) = 0x7f2c69e20000

10507 mmap(0x7f2c69e2d000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2b000) = 0x7f2c69e2d000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libcom\_err.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=18344, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 20552, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69dfc000

10507 mmap(0x7f2c69dfe000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f2c69dfe000

10507 mmap(0x7f2c69dff000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f2c69dff000

10507 mmap(0x7f2c69e00000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f2c69e00000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5support.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=52224, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69dfa000

10507 mmap(NULL, 54632, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69dec000

10507 mmap(0x7f2c69def000, 24576, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f2c69def000

10507 mmap(0x7f2c69df5000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x7f2c69df5000

10507 mmap(0x7f2c69df8000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f2c69df8000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkeyutils.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=22448, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 24592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69de5000

10507 mmap(0x7f2c69de7000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f2c69de7000

10507 mmap(0x7f2c69de9000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c69de9000

10507 mmap(0x7f2c69dea000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f2c69dea000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libresolv.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60328, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 68136, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2c69dd4000

10507 mmap(0x7f2c69dd7000, 32768, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f2c69dd7000

10507 mmap(0x7f2c69ddf000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f2c69ddf000

10507 mmap(0x7f2c69de1000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xd000) = 0x7f2c69de1000

10507 mmap(0x7f2c69de3000, 6696, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69de3000

10507 close(3) = 0

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69dd2000

10507 mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69dcf000

10507 arch\_prctl(ARCH\_SET\_FS, 0x7f2c69dcf9c0) = 0

10507 set\_tid\_address(0x7f2c69dcfc90) = 10507

10507 set\_robust\_list(0x7f2c69dcfca0, 24) = 0

10507 rseq(0x7f2c69dd02e0, 0x20, 0, 0x53053053) = 0

10507 mprotect(0x7f2c6a329000, 16384, PROT\_READ) = 0

10507 mprotect(0x7f2c69de1000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69dea000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69df8000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69e00000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69e2d000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69ef9000, 53248, PROT\_READ) = 0

10507 mprotect(0x7f2c69f0c000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69f19000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c69f6c000, 8192, PROT\_READ) = 0

10507 mprotect(0x7f2c6a446000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c6a367000, 4096, PROT\_READ) = 0

10507 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2c69dcd000

10507 mprotect(0x7f2c6a6a4000, 45056, PROT\_READ) = 0

10507 mprotect(0x7f2c69fe5000, 12288, PROT\_READ) = 0

10507 mprotect(0x7f2c6a0e3000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c6a141000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c6a156000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c6a76a000, 32768, PROT\_READ) = 0

10507 mprotect(0x41b000, 4096, PROT\_READ) = 0

10507 mprotect(0x7f2c6a7ac000, 8192, PROT\_READ) = 0

10507 prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

10507 munmap(0x7f2c6a773000, 25786) = 0

10507 futex(0x7f2c6a6b273c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

10507 getrandom("\x37\xbc\x72\xa3\x84\x5d\x1c\x83", 8, GRND\_NONBLOCK) = 8

10507 brk(NULL) = 0xe96a000

10507 brk(0xe98b000) = 0xe98b000

10507 openat(AT\_FDCWD, "/sys/devices/system/cpu/online", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "0-15\n", 1024) = 5

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/sys/devices/system/cpu/possible", O\_RDONLY|O\_CLOEXEC) = 3

10507 read(3, "0-15\n", 1024) = 5

10507 close(3) = 0

10507 getpid() = 10507

10507 sched\_getaffinity(10507, 128, [0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15]) = 32

10507 newfstatat(AT\_FDCWD, "/etc/nsswitch.conf", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, 0) = 0

10507 newfstatat(AT\_FDCWD, "/", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10507 openat(AT\_FDCWD, "/etc/nsswitch.conf", O\_RDONLY|O\_CLOEXEC) = 3

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, AT\_EMPTY\_PATH) = 0

10507 read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 494

10507 read(3, "", 4096) = 0

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, AT\_EMPTY\_PATH) = 0

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=25786, ...}, AT\_EMPTY\_PATH) = 0

10507 mmap(NULL, 25786, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f2c6a773000

10507 close(3) = 0

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10507 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10507 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT\_FDCWD, "/usr/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT\_FDCWD, "/usr/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10507 munmap(0x7f2c6a773000, 25786) = 0

10507 openat(AT\_FDCWD, "/etc/protocols", O\_RDONLY|O\_CLOEXEC) = 3

10507 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=3144, ...}, AT\_EMPTY\_PATH) = 0

10507 lseek(3, 0, SEEK\_SET) = 0

10507 read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144

10507 read(3, "", 4096) = 0

10507 close(3) = 0

10507 eventfd2(0, EFD\_CLOEXEC) = 3

10507 fcntl(3, F\_GETFL) = 0x2 (flags O\_RDWR)

10507 fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 fcntl(3, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10507 fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 getpid() = 10507

10507 getpid() = 10507

10507 getrandom("\x09\xab\xdc\x60\xef\xf7\x96\x37\x97\x4a\xa1\x5f\x04\x9d\xbd\x29", 16, 0) = 16

10507 getrandom("\x1a\x09\xf7\xb1\x1e\x7c\x05\xd0\x76\x47\x3a\xdf\xac\x14\x4a\xbc", 16, 0) = 16

10507 eventfd2(0, EFD\_CLOEXEC) = 4

10507 fcntl(4, F\_GETFL) = 0x2 (flags O\_RDWR)

10507 fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 fcntl(4, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10507 fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 getpid() = 10507

10507 epoll\_create1(EPOLL\_CLOEXEC) = 5

10507 epoll\_ctl(5, EPOLL\_CTL\_ADD, 4, {events=0, data={u32=244827744, u64=244827744}}) = 0

10507 epoll\_ctl(5, EPOLL\_CTL\_MOD, 4, {events=EPOLLIN, data={u32=244827744, u64=244827744}}) = 0

10507 getpid() = 10507

10507 rt\_sigaction(SIGRT\_1, {sa\_handler=0x7f2c6a1e1720, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_ONSTACK|SA\_RESTART|SA\_SIGINFO, sa\_restorer=0x7f2c6a197050}, NULL, 8) = 0

10507 rt\_sigprocmask(SIG\_UNBLOCK, [RTMIN RT\_1], NULL, 8) = 0

10507 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f2c695cc000

10507 mprotect(0x7f2c695cd000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10507 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10507 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f2c69dcc990, parent\_tid=0x7f2c69dcc990, exit\_signal=0, stack=0x7f2c695cc000, stack\_size=0x7ffd00, tls=0x7f2c69dcc6c0} => {parent\_tid=[10509]}, 88) = 10509

10509 rseq(0x7f2c69dccfe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10509 <... rseq resumed>) = 0

10507 <... rt\_sigprocmask resumed>NULL, 8) = 0

10509 set\_robust\_list(0x7f2c69dcc9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10509 <... set\_robust\_list resumed>) = 0

10507 <... eventfd2 resumed>) = 6

10509 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10507 fcntl(6, F\_GETFL <unfinished ...>

10509 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10509 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1], <unfinished ...>

10507 fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10509 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0

10509 sched\_getparam(10509, <unfinished ...>

10507 fcntl(6, F\_GETFL <unfinished ...>

10509 <... sched\_getparam resumed>[0]) = 0

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10509 sched\_getscheduler(10509 <unfinished ...>

10507 fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10509 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10507 <... fcntl resumed>) = 0

10509 sched\_setscheduler(10509, SCHED\_OTHER, [0] <unfinished ...>

10507 getpid( <unfinished ...>

10509 <... sched\_setscheduler resumed>) = 0

10507 <... getpid resumed>) = 10507

10509 prctl(PR\_SET\_NAME, "ZMQbg/Reaper" <unfinished ...>

10507 epoll\_create1(EPOLL\_CLOEXEC <unfinished ...>

10509 <... prctl resumed>) = 0

10507 <... epoll\_create1 resumed>) = 7

10509 epoll\_wait(5, <unfinished ...>

10507 epoll\_ctl(7, EPOLL\_CTL\_ADD, 6, {events=0, data={u32=244831664, u64=244831664}}) = 0

10507 epoll\_ctl(7, EPOLL\_CTL\_MOD, 6, {events=EPOLLIN, data={u32=244831664, u64=244831664}}) = 0

10507 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f2c68dcb000

10507 mprotect(0x7f2c68dcc000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10507 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10507 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f2c695cb990, parent\_tid=0x7f2c695cb990, exit\_signal=0, stack=0x7f2c68dcb000, stack\_size=0x7ffd00, tls=0x7f2c695cb6c0} => {parent\_tid=[10510]}, 88) = 10510

10510 rseq(0x7f2c695cbfe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10510 <... rseq resumed>) = 0

10507 <... rt\_sigprocmask resumed>NULL, 8) = 0

10510 set\_robust\_list(0x7f2c695cb9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10510 <... set\_robust\_list resumed>) = 0

10507 <... eventfd2 resumed>) = 8

10510 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10507 fcntl(8, F\_GETFL <unfinished ...>

10510 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10510 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1], <unfinished ...>

10507 fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0

10510 sched\_getparam(10510, <unfinished ...>

10507 fcntl(8, F\_GETFL <unfinished ...>

10510 <... sched\_getparam resumed>[0]) = 0

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10510 sched\_getscheduler(10510 <unfinished ...>

10507 fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10507 <... fcntl resumed>) = 0

10510 sched\_setscheduler(10510, SCHED\_OTHER, [0] <unfinished ...>

10507 getpid( <unfinished ...>

10510 <... sched\_setscheduler resumed>) = 0

10507 <... getpid resumed>) = 10507

10510 prctl(PR\_SET\_NAME, "ZMQbg/IO/0" <unfinished ...>

10507 epoll\_create1(EPOLL\_CLOEXEC <unfinished ...>

10510 <... prctl resumed>) = 0

10507 <... epoll\_create1 resumed>) = 9

10510 epoll\_wait(7, <unfinished ...>

10507 epoll\_ctl(9, EPOLL\_CTL\_ADD, 8, {events=0, data={u32=244851120, u64=244851120}}) = 0

10507 epoll\_ctl(9, EPOLL\_CTL\_MOD, 8, {events=EPOLLIN, data={u32=244851120, u64=244851120}}) = 0

10507 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f2c685ca000

10507 mprotect(0x7f2c685cb000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10507 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10507 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f2c68dca990, parent\_tid=0x7f2c68dca990, exit\_signal=0, stack=0x7f2c685ca000, stack\_size=0x7ffd00, tls=0x7f2c68dca6c0} => {parent\_tid=[10511]}, 88) = 10511

10511 rseq(0x7f2c68dcafe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10511 <... rseq resumed>) = 0

10507 <... rt\_sigprocmask resumed>NULL, 8) = 0

10511 set\_robust\_list(0x7f2c68dca9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10511 <... set\_robust\_list resumed>) = 0

10507 <... eventfd2 resumed>) = 10

10511 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10507 fcntl(10, F\_GETFL <unfinished ...>

10511 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10511 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1], <unfinished ...>

10507 fcntl(10, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10511 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0

10511 sched\_getparam(10511, <unfinished ...>

10507 fcntl(10, F\_GETFL <unfinished ...>

10511 <... sched\_getparam resumed>[0]) = 0

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10511 sched\_getscheduler(10511 <unfinished ...>

10507 fcntl(10, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10511 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10507 <... fcntl resumed>) = 0

10511 sched\_setscheduler(10511, SCHED\_OTHER, [0] <unfinished ...>

10507 getpid( <unfinished ...>

10511 <... sched\_setscheduler resumed>) = 0

10507 <... getpid resumed>) = 10507

10511 prctl(PR\_SET\_NAME, "ZMQbg/IO/1" <unfinished ...>

10507 epoll\_create1(EPOLL\_CLOEXEC <unfinished ...>

10511 <... prctl resumed>) = 0

10507 <... epoll\_create1 resumed>) = 11

10511 epoll\_wait(9, <unfinished ...>

10507 epoll\_ctl(11, EPOLL\_CTL\_ADD, 10, {events=0, data={u32=244853232, u64=244853232}}) = 0

10507 epoll\_ctl(11, EPOLL\_CTL\_MOD, 10, {events=EPOLLIN, data={u32=244853232, u64=244853232}}) = 0

10507 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f2c67dc9000

10507 mprotect(0x7f2c67dca000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10507 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10507 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f2c685c9990, parent\_tid=0x7f2c685c9990, exit\_signal=0, stack=0x7f2c67dc9000, stack\_size=0x7ffd00, tls=0x7f2c685c96c0} => {parent\_tid=[10512]}, 88) = 10512

10512 rseq(0x7f2c685c9fe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10512 <... rseq resumed>) = 0

10507 <... rt\_sigprocmask resumed>NULL, 8) = 0

10512 set\_robust\_list(0x7f2c685c99a0, 24 <unfinished ...>

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10512 <... set\_robust\_list resumed>) = 0

10507 <... eventfd2 resumed>) = 12

10512 rt\_sigprocmask(SIG\_SETMASK, [], <unfinished ...>

10507 fcntl(12, F\_GETFL <unfinished ...>

10512 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10512 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1], <unfinished ...>

10507 fcntl(12, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10512 <... rt\_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>) = 0

10512 sched\_getparam(10512, <unfinished ...>

10507 fcntl(12, F\_GETFL <unfinished ...>

10512 <... sched\_getparam resumed>[0]) = 0

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10512 sched\_getscheduler(10512 <unfinished ...>

10507 fcntl(12, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10512 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10507 <... fcntl resumed>) = 0

10512 sched\_setscheduler(10512, SCHED\_OTHER, [0] <unfinished ...>

10507 getpid( <unfinished ...>

10512 <... sched\_setscheduler resumed>) = 0

10507 <... getpid resumed>) = 10507

10512 prctl(PR\_SET\_NAME, "ZMQbg/IO/2" <unfinished ...>

10507 getpid( <unfinished ...>

10512 <... prctl resumed>) = 0

10507 <... getpid resumed>) = 10507

10512 epoll\_wait(11, <unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP) = 13

10507 setsockopt(13, SOL\_SOCKET, SO\_REUSEADDR, [1], 4) = 0

10507 bind(13, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("0.0.0.0")}, 16) = 0

10507 listen(13, 100) = 0

10507 getsockname(13, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(13, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid() = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10510 <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... eventfd2 resumed>) = 14

10510 <... getpid resumed>) = 10507

10507 fcntl(14, F\_GETFL <unfinished ...>

10510 read(6, <unfinished ...>

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 fcntl(14, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 mmap(NULL, 134217728, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_NORESERVE, -1, 0 <unfinished ...>

10507 <... fcntl resumed>) = 0

10510 <... mmap resumed>) = 0x7f2c5fdc9000

10507 fcntl(14, F\_GETFL <unfinished ...>

10510 munmap(0x7f2c5fdc9000, 2322432 <unfinished ...>

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10510 <... munmap resumed>) = 0

10507 fcntl(14, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 munmap(0x7f2c64000000, 64786432 <unfinished ...>

10507 <... fcntl resumed>) = 0

10510 <... munmap resumed>) = 0

10507 getpid( <unfinished ...>

10510 mprotect(0x7f2c60000000, 135168, PROT\_READ|PROT\_WRITE <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... mprotect resumed>) = 0

10507 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_ADD, 13, {events=0, data={u32=1610615664, u64=139828565904240}} <unfinished ...>

10507 <... eventfd2 resumed>) = 15

10510 <... epoll\_ctl resumed>) = 0

10507 fcntl(15, F\_GETFL <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN, data={u32=1610615664, u64=139828565904240}} <unfinished ...>

10507 <... fcntl resumed>) = 0x2 (flags O\_RDWR)

10510 <... epoll\_ctl resumed>) = 0

10507 fcntl(15, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... fcntl resumed>) = 0

10510 <... getpid resumed>) = 10507

10507 fcntl(15, F\_GETFL <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... fcntl resumed>) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10510 <... poll resumed>) = 0 (Timeout)

10507 fcntl(15, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10507 <... fcntl resumed>) = 0

10507 getpid() = 10507

10507 eventfd2(0, EFD\_CLOEXEC) = 16

10507 fcntl(16, F\_GETFL) = 0x2 (flags O\_RDWR)

10507 fcntl(16, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 fcntl(16, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10507 fcntl(16, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 getpid() = 10507

10507 eventfd2(0, EFD\_CLOEXEC) = 17

10507 fcntl(17, F\_GETFL) = 0x2 (flags O\_RDWR)

10507 fcntl(17, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 fcntl(17, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10507 fcntl(17, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 getpid() = 10507

10507 eventfd2(0, EFD\_CLOEXEC) = 18

10507 fcntl(18, F\_GETFL) = 0x2 (flags O\_RDWR)

10507 fcntl(18, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 fcntl(18, F\_GETFL) = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10507 fcntl(18, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10507 getpid() = 10507

10507 getpid() = 10507

10507 poll([{fd=14, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP) = 21

10507 setsockopt(21, SOL\_SOCKET, SO\_REUSEADDR, [1], 4) = 0

10507 bind(21, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("0.0.0.0")}, 16) = 0

10507 listen(21, 100) = 0

10507 getsockname(21, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(21, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid() = 10507

10507 write(8, "\1\0\0\0\0\0\0\0", 8) = 8

10511 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10511 <... getpid resumed>) = 10507

10507 write(14, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10511 <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])

10507 getpid( <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10511 <... getpid resumed>) = 10507

10507 poll([{fd=15, events=POLLIN}], 1, 0 <unfinished ...>

10511 read(8, <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10511 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP <unfinished ...>

10511 mmap(NULL, 134217728, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_NORESERVE, -1, 0 <unfinished ...>

10507 <... socket resumed>) = 22

10511 <... mmap resumed>) = 0x7f2c58000000

10507 setsockopt(22, SOL\_SOCKET, SO\_REUSEADDR, [1], 4 <unfinished ...>

10511 munmap(0x7f2c5c000000, 67108864 <unfinished ...>

10507 <... setsockopt resumed>) = 0

10511 <... munmap resumed>) = 0

10507 bind(22, {sa\_family=AF\_INET, sin\_port=htons(5557), sin\_addr=inet\_addr("0.0.0.0")}, 16 <unfinished ...>

10511 mprotect(0x7f2c58000000, 135168, PROT\_READ|PROT\_WRITE <unfinished ...>

10507 <... bind resumed>) = 0

10511 <... mprotect resumed>) = 0

10507 listen(22, 100 <unfinished ...>

10511 epoll\_ctl(9, EPOLL\_CTL\_ADD, 21, {events=0, data={u32=1476397936, u64=139828431686512}} <unfinished ...>

10507 <... listen resumed>) = 0

10511 <... epoll\_ctl resumed>) = 0

10507 getsockname(22, <unfinished ...>

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 21, {events=EPOLLIN, data={u32=1476397936, u64=139828431686512}} <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5557), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10511 <... epoll\_ctl resumed>) = 0

10507 getsockname(22, <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5557), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10511 <... getpid resumed>) = 10507

10507 getpid( <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>) = 10507

10511 <... poll resumed>) = 0 (Timeout)

10507 write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 epoll\_wait(9, <unfinished ...>

10507 <... write resumed>) = 8

10511 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10511 <... getpid resumed>) = 10507

10507 write(15, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10511 <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])

10507 getpid( <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10511 <... getpid resumed>) = 10507

10507 poll([{fd=16, events=POLLIN}], 1, 0 <unfinished ...>

10511 read(8, <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10511 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP <unfinished ...>

10511 epoll\_ctl(9, EPOLL\_CTL\_ADD, 22, {events=0, data={u32=1476397968, u64=139828431686544}} <unfinished ...>

10507 <... socket resumed>) = 23

10511 <... epoll\_ctl resumed>) = 0

10507 setsockopt(23, SOL\_SOCKET, SO\_REUSEADDR, [1], 4 <unfinished ...>

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 22, {events=EPOLLIN, data={u32=1476397968, u64=139828431686544}} <unfinished ...>

10507 <... setsockopt resumed>) = 0

10511 <... epoll\_ctl resumed>) = 0

10507 bind(23, {sa\_family=AF\_INET, sin\_port=htons(5558), sin\_addr=inet\_addr("0.0.0.0")}, 16 <unfinished ...>

10511 getpid( <unfinished ...>

10507 <... bind resumed>) = 0

10511 <... getpid resumed>) = 10507

10507 listen(23, 100 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... listen resumed>) = 0

10511 <... poll resumed>) = 0 (Timeout)

10507 getsockname(23, <unfinished ...>

10511 epoll\_wait(9, <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5558), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(23, {sa\_family=AF\_INET, sin\_port=htons(5558), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid() = 10507

10507 write(10, "\1\0\0\0\0\0\0\0", 8) = 8

10512 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244853232, u64=244853232}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10512 <... getpid resumed>) = 10507

10507 write(16, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10512 <... poll resumed>) = 1 ([{fd=10, revents=POLLIN}])

10507 getpid( <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10512 <... getpid resumed>) = 10507

10507 poll([{fd=17, events=POLLIN}], 1, 0 <unfinished ...>

10512 read(10, <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10512 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP <unfinished ...>

10512 mmap(0x7f2c5c000000, 67108864, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_NORESERVE, -1, 0 <unfinished ...>

10507 <... socket resumed>) = 24

10512 <... mmap resumed>) = 0x7f2c5c000000

10507 setsockopt(24, SOL\_SOCKET, SO\_REUSEADDR, [1], 4 <unfinished ...>

10512 mprotect(0x7f2c5c000000, 135168, PROT\_READ|PROT\_WRITE <unfinished ...>

10507 <... setsockopt resumed>) = 0

10512 <... mprotect resumed>) = 0

10507 bind(24, {sa\_family=AF\_INET, sin\_port=htons(5559), sin\_addr=inet\_addr("0.0.0.0")}, 16 <unfinished ...>

10512 epoll\_ctl(11, EPOLL\_CTL\_ADD, 23, {events=0, data={u32=1543506800, u64=139828498795376}} <unfinished ...>

10507 <... bind resumed>) = 0

10512 <... epoll\_ctl resumed>) = 0

10507 listen(24, 100 <unfinished ...>

10512 epoll\_ctl(11, EPOLL\_CTL\_MOD, 23, {events=EPOLLIN, data={u32=1543506800, u64=139828498795376}} <unfinished ...>

10507 <... listen resumed>) = 0

10512 <... epoll\_ctl resumed>) = 0

10507 getsockname(24, <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5559), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10512 <... getpid resumed>) = 10507

10507 getsockname(24, <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5559), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10512 <... poll resumed>) = 0 (Timeout)

10507 getpid( <unfinished ...>

10512 epoll\_wait(11, <unfinished ...>

10507 <... getpid resumed>) = 10507

10507 write(10, "\1\0\0\0\0\0\0\0", 8) = 8

10512 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244853232, u64=244853232}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10512 <... getpid resumed>) = 10507

10507 write(17, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10512 <... poll resumed>) = 1 ([{fd=10, revents=POLLIN}])

10507 getpid( <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10512 <... getpid resumed>) = 10507

10507 poll([{fd=18, events=POLLIN}], 1, 0 <unfinished ...>

10512 read(10, <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10512 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP <unfinished ...>

10512 epoll\_ctl(11, EPOLL\_CTL\_ADD, 24, {events=0, data={u32=1543506832, u64=139828498795408}} <unfinished ...>

10507 <... socket resumed>) = 25

10512 <... epoll\_ctl resumed>) = 0

10507 setsockopt(25, SOL\_SOCKET, SO\_REUSEADDR, [1], 4 <unfinished ...>

10512 epoll\_ctl(11, EPOLL\_CTL\_MOD, 24, {events=EPOLLIN, data={u32=1543506832, u64=139828498795408}} <unfinished ...>

10507 <... setsockopt resumed>) = 0

10512 <... epoll\_ctl resumed>) = 0

10507 bind(25, {sa\_family=AF\_INET, sin\_port=htons(5560), sin\_addr=inet\_addr("0.0.0.0")}, 16 <unfinished ...>

10512 getpid( <unfinished ...>

10507 <... bind resumed>) = 0

10512 <... getpid resumed>) = 10507

10507 listen(25, 100 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... listen resumed>) = 0

10512 <... poll resumed>) = 0 (Timeout)

10507 getsockname(25, <unfinished ...>

10512 epoll\_wait(11, <unfinished ...>

10507 <... getsockname resumed>{sa\_family=AF\_INET, sin\_port=htons(5560), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(25, {sa\_family=AF\_INET, sin\_port=htons(5560), sin\_addr=inet\_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid() = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 write(18, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>) = 8

10510 <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])

10507 newfstatat(1, "", <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... newfstatat resumed>{st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

10510 <... getpid resumed>) = 10507

10507 write(1, "\320\241\320\265\321\200\320\262\320\265\321\200 \320\267\320\260\320\277\321\203\321\211\320\265\320\275.\n", 29 <unfinished ...>

10510 read(6, <unfinished ...>

10507 <... write resumed>) = 29

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 getpid( <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_ADD, 25, {events=0, data={u32=1610615696, u64=139828565904272}} <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... epoll\_ctl resumed>) = 0

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 25, {events=EPOLLIN, data={u32=1610615696, u64=139828565904272}} <unfinished ...>

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 <... epoll\_ctl resumed>) = 0

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>) = 0 (Timeout)

10507 getpid( <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10507 <... getpid resumed>) = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid() = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=1610615664, u64=139828565904240}}], 256, -1) = 1

10510 accept4(13, {sa\_family=AF\_INET, sin\_port=htons(46920), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16], SOCK\_CLOEXEC) = 26

10510 setsockopt(26, SOL\_TCP, TCP\_NODELAY, [1], 4) = 0

10510 getpeername(26, {sa\_family=AF\_INET, sin\_port=htons(46920), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10510 getsockname(26, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10510 getpeername(26, {sa\_family=AF\_INET, sin\_port=htons(46920), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10510 fcntl(26, F\_GETFL) = 0x2 (flags O\_RDWR)

10510 fcntl(26, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10510 getpid() = 10507

10510 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 epoll\_wait(7, [{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10510 getpid() = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10510 getpid() = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 epoll\_ctl(7, EPOLL\_CTL\_ADD, 26, {events=0, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, 0x7f2c60001318, 12, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10510 getpid() = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 epoll\_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29998) = 1

10510 sendto(26, "\377\0\0\0\0\0\0\0\1\177", 10, 0, NULL, 0) = 10

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll\_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, 29996) = 1

10510 recvfrom(26, "\377\0\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, 0x7f2c60001323, 53, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10510 epoll\_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29992) = 1

10510 sendto(26, "\3\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 54, 0, NULL, 0) = 54

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll\_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, 29991) = 1

10510 recvfrom(26, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, NULL) = 53

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192, 0, NULL, NULL) = 40

10510 epoll\_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29984) = 1

10510 getpid() = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8) = 8

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 futex(0x7f2c6a6b2748, FUTEX\_WAKE\_PRIVATE, 2147483647 <unfinished ...>

10507 getpid( <unfinished ...>

10510 <... futex resumed>) = 0

10507 <... getpid resumed>) = 10507

10510 sendto(26, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0 <unfinished ...>

10507 read(12, <unfinished ...>

10510 <... sendto resumed>) = 27

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 epoll\_wait(7, <unfinished ...>

10507 getpid( <unfinished ...>

10510 <... epoll\_wait resumed>[{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10507 <... getpid resumed>) = 10507

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}} <unfinished ...>

10507 write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 <... epoll\_ctl resumed>) = 0

10507 <... write resumed>) = 8

10510 epoll\_wait(7, <unfinished ...>

10507 getpid( <unfinished ...>

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 <... getpid resumed>) = 10507

10510 getpid( <unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 <... getpid resumed>) = 10507

10507 <... poll resumed>) = 0 (Timeout)

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 getpid( <unfinished ...>

10510 <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])

10507 <... getpid resumed>) = 10507

10510 getpid( <unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 <... getpid resumed>) = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 getpid() = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 epoll\_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10510 recvfrom(26, "\1\0\0\21login:andre:10606", 8192, 0, NULL, NULL) = 21

10510 getpid() = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8) = 8

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 epoll\_wait(7, <unfinished ...>

10507 getpid() = 10507

10507 read(12, "\1\0\0\0\0\0\0\0", 8) = 8

10507 getpid() = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid() = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 write(1, "[SERVER] \320\237\320\276\320\273\321\203\321\207\320\265\320\275\320\276 \321\201\320\276\320\276"..., 64 <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... write resumed>) = 64

10510 <... getpid resumed>) = 10507

10507 getpid( <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10510 <... getpid resumed>) = 10507

10507 getpid( <unfinished ...>

10510 read(6, <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 getpid() = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>) = 8

10507 getpid( <unfinished ...>

10510 sendto(26, "\1\0\0\4Ok:0", 8, 0, NULL, 0 <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... sendto resumed>) = 8

10507 read(12, <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... getpid resumed>) = 10507

10507 getpid( <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... poll resumed>) = 0 (Timeout)

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10507 <... poll resumed>) = 0 (Timeout)

10510 <... epoll\_wait resumed>[{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}} <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... epoll\_ctl resumed>) = 0

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10511 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=1476397936, u64=139828431686512}}], 256, -1) = 1

10511 accept4(21, {sa\_family=AF\_INET, sin\_port=htons(42414), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16], SOCK\_CLOEXEC) = 27

10511 setsockopt(27, SOL\_TCP, TCP\_NODELAY, [1], 4) = 0

10511 getpeername(27, {sa\_family=AF\_INET, sin\_port=htons(42414), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10511 getsockname(27, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10511 getpeername(27, {sa\_family=AF\_INET, sin\_port=htons(42414), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10511 fcntl(27, F\_GETFL) = 0x2 (flags O\_RDWR)

10511 fcntl(27, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10511 getpid() = 10507

10511 write(8, "\1\0\0\0\0\0\0\0", 8) = 8

10511 epoll\_wait(9, [{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10511 getpid() = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])

10511 getpid() = 10507

10511 read(8, "\1\0\0\0\0\0\0\0", 8) = 8

10511 epoll\_ctl(9, EPOLL\_CTL\_ADD, 27, {events=0, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, 0x7f2c58001318, 12, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10511 getpid() = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10511 epoll\_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29997) = 1

10511 sendto(27, "\377\0\0\0\0\0\0\0\1\177", 10, 0, NULL, 0) = 10

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll\_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, 29996) = 1

10511 recvfrom(27, "\377\0\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, 0x7f2c58001323, 53, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10511 epoll\_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29992) = 1

10511 sendto(27, "\3\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 54, 0, NULL, 0) = 54

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll\_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, 29990) = 1

10511 recvfrom(27, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, NULL) = 53

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 8192, 0, NULL, NULL) = 27

10511 epoll\_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29986) = 1

10511 sendto(27, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0) = 40

10511 epoll\_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, -1) = 1

10511 epoll\_ctl(9, EPOLL\_CTL\_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll\_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, -1) = 1

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10511 recvfrom(27, <unfinished ...>

10510 recvfrom(26, <unfinished ...>

10511 <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0

10510 <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0

10511 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10511 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10511 write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 <... write resumed>) = 8

10510 <... write resumed>) = 8

10511 epoll\_ctl(9, EPOLL\_CTL\_DEL, 27, 0x7f2c58000bf4 <unfinished ...>

10510 epoll\_ctl(7, EPOLL\_CTL\_DEL, 26, 0x7f2c60000bf4 <unfinished ...>

10511 <... epoll\_ctl resumed>) = 0

10510 <... epoll\_ctl resumed>) = 0

10511 close(27 <unfinished ...>

10510 close(26 <unfinished ...>

10511 <... close resumed>) = 0

10510 <... close resumed>) = 0

10511 epoll\_wait(9, <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10511 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10511 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10511 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10511 getpid( <unfinished ...>

10510 <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])

10511 <... getpid resumed>) = 10507

10510 getpid( <unfinished ...>

10511 read(8, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... getpid resumed>) = 10507

10511 getpid() = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 read(6, <unfinished ...>

10511 epoll\_wait(9, <unfinished ...>

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 getpid() = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>) = 8

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>) = 0 (Timeout)

10507 getpid( <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10507 <... getpid resumed>) = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid() = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10510 getpid() = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 getpid() = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>) = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>) = 8

10507 getpid( <unfinished ...>

10510 getpid( <unfinished ...>

10507 <... getpid resumed>) = 10507

10510 <... getpid resumed>) = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>) = 0 (Timeout)

10507 getpid( <unfinished ...>

10510 epoll\_wait(7, <unfinished ...>

10507 <... getpid resumed>) = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid() = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1) = ? ERESTART\_RESTARTBLOCK (Interrupted by signal)

10507 --- SIGINT {si\_signo=SIGINT, si\_code=SI\_KERNEL} ---

10511 <... epoll\_wait resumed> <unfinished ...>) = ?

10512 <... epoll\_wait resumed> <unfinished ...>) = ?

10510 <... epoll\_wait resumed> <unfinished ...>) = ?

10509 <... epoll\_wait resumed> <unfinished ...>) = ?

10512 +++ killed by SIGINT +++

10511 +++ killed by SIGINT +++

10510 +++ killed by SIGINT +++

10509 +++ killed by SIGINT +++

10507 +++ killed by SIGINT +++

**Client:**

10606 execve("./client", ["./client"], 0x7ffca441d9f8 /\* 26 vars \*/) = 0

10606 brk(NULL)                         = 0x32e95000

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f3100860000

10606 access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=25786, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 25786, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f3100859000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libzmq.so.5", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=774184, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 772088, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f310079c000

10606 mmap(0x7f31007b5000, 487424, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x19000) = 0x7f31007b5000

10606 mmap(0x7f310082c000, 147456, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x90000) = 0x7f310082c000

10606 mmap(0x7f3100850000, 36864, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb4000) = 0x7f3100850000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/usr/local/lib64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2530008, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 2543808, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f310052e000

10606 mmap(0x7f31005d3000, 1216512, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa5000) = 0x7f31005d3000

10606 mmap(0x7f31006fc000, 581632, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1ce000) = 0x7f31006fc000

10606 mmap(0x7f310078a000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x25c000) = 0x7f310078a000

10606 mmap(0x7f3100798000, 12480, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f3100798000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=907784, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 909560, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f310044f000

10606 mmap(0x7f310045f000, 471040, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x10000) = 0x7f310045f000

10606 mmap(0x7f31004d2000, 368640, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x83000) = 0x7f31004d2000

10606 mmap(0x7f310052c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xdc000) = 0x7f310052c000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/usr/local/lib64/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=906528, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 181160, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3100422000

10606 mmap(0x7f3100426000, 143360, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f3100426000

10606 mmap(0x7f3100449000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x27000) = 0x7f3100449000

10606 mmap(0x7f310044d000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2b000) = 0x7f310044d000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\20t\2\0\0\0\0\0"..., 832) = 832

10606 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=1922136, ...}, AT\_EMPTY\_PATH) = 0

10606 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10606 mmap(NULL, 1970000, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3100241000

10606 mmap(0x7f3100267000, 1396736, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x26000) = 0x7f3100267000

10606 mmap(0x7f31003bc000, 339968, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x17b000) = 0x7f31003bc000

10606 mmap(0x7f310040f000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1ce000) = 0x7f310040f000

10606 mmap(0x7f3100415000, 53072, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f3100415000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libbsd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=84840, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f310023f000

10606 mmap(NULL, 86224, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3100229000

10606 mmap(0x7f310022d000, 49152, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f310022d000

10606 mmap(0x7f3100239000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x10000) = 0x7f3100239000

10606 mmap(0x7f310023c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x13000) = 0x7f310023c000

10606 mmap(0x7f310023e000, 208, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f310023e000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libsodium.so.23", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0 \314\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=363208, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 365576, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f31001cf000

10606 mprotect(0x7f31001db000, 311296, PROT\_NONE) = 0

10606 mmap(0x7f31001db000, 233472, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f31001db000

10606 mmap(0x7f3100214000, 73728, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x45000) = 0x7f3100214000

10606 mmap(0x7f3100227000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x57000) = 0x7f3100227000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpgm-5.3.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220I\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=306400, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 326096, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f310017f000

10606 mmap(0x7f3100183000, 167936, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f3100183000

10606 mmap(0x7f31001ac000, 118784, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2d000) = 0x7f31001ac000

10606 mmap(0x7f31001c9000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x49000) = 0x7f31001c9000

10606 mmap(0x7f31001cb000, 14800, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f31001cb000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnorm.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\300\246\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=489480, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 1214976, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3100056000

10606 mprotect(0x7f3100060000, 438272, PROT\_NONE) = 0

10606 mmap(0x7f3100060000, 278528, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f3100060000

10606 mmap(0x7f31000a4000, 155648, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4e000) = 0x7f31000a4000

10606 mmap(0x7f31000cb000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x74000) = 0x7f31000cb000

10606 mmap(0x7f31000cf000, 719360, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f31000cf000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgssapi\_krb5.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=338680, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 337152, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3100003000

10606 mmap(0x7f310000f000, 221184, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc000) = 0x7f310000f000

10606 mmap(0x7f3100045000, 53248, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x42000) = 0x7f3100045000

10606 mmap(0x7f3100052000, 16384, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4f000) = 0x7f3100052000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libmd.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=47312, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f3100001000

10606 mmap(NULL, 49384, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffff4000

10606 mmap(0x7f30ffff6000, 28672, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f30ffff6000

10606 mmap(0x7f30ffffd000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x7f30ffffd000

10606 mmap(0x7f30fffff000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xa000) = 0x7f30fffff000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libpthread.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=14480, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 16400, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30fffef000

10606 mmap(0x7f30ffff0000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1000) = 0x7f30ffff0000

10606 mmap(0x7f30ffff1000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f30ffff1000

10606 mmap(0x7f30ffff2000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f30ffff2000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5.so.3", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=888080, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 890784, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30fff15000

10606 mmap(0x7f30fff38000, 389120, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x23000) = 0x7f30fff38000

10606 mmap(0x7f30fff97000, 294912, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x82000) = 0x7f30fff97000

10606 mmap(0x7f30fffdf000, 65536, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xc9000) = 0x7f30fffdf000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libk5crypto.so.3", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=183048, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 180952, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffee8000

10606 mmap(0x7f30ffeec000, 106496, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f30ffeec000

10606 mmap(0x7f30fff06000, 53248, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1e000) = 0x7f30fff06000

10606 mmap(0x7f30fff13000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2b000) = 0x7f30fff13000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libcom\_err.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=18344, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 20552, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffee2000

10606 mmap(0x7f30ffee4000, 4096, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f30ffee4000

10606 mmap(0x7f30ffee5000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f30ffee5000

10606 mmap(0x7f30ffee6000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f30ffee6000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkrb5support.so.0", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=52224, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f30ffee0000

10606 mmap(NULL, 54632, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffed2000

10606 mmap(0x7f30ffed5000, 24576, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f30ffed5000

10606 mmap(0x7f30ffedb000, 12288, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9000) = 0x7f30ffedb000

10606 mmap(0x7f30ffede000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f30ffede000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libkeyutils.so.1", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=22448, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 24592, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffecb000

10606 mmap(0x7f30ffecd000, 8192, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x2000) = 0x7f30ffecd000

10606 mmap(0x7f30ffecf000, 4096, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f30ffecf000

10606 mmap(0x7f30ffed0000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x4000) = 0x7f30ffed0000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libresolv.so.2", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=60328, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 68136, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f30ffeba000

10606 mmap(0x7f30ffebd000, 32768, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f30ffebd000

10606 mmap(0x7f30ffec5000, 8192, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xb000) = 0x7f30ffec5000

10606 mmap(0x7f30ffec7000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xd000) = 0x7f30ffec7000

10606 mmap(0x7f30ffec9000, 6696, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f30ffec9000

10606 close(3)                          = 0

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f30ffeb8000

10606 mmap(NULL, 12288, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f30ffeb5000

10606 arch\_prctl(ARCH\_SET\_FS, 0x7f30ffeb59c0) = 0

10606 set\_tid\_address(0x7f30ffeb5c90)   = 10606

10606 set\_robust\_list(0x7f30ffeb5ca0, 24) = 0

10606 rseq(0x7f30ffeb62e0, 0x20, 0, 0x53053053) = 0

10606 mprotect(0x7f310040f000, 16384, PROT\_READ) = 0

10606 mprotect(0x7f30ffec7000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30ffed0000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30ffede000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30ffee6000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30fff13000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30fffdf000, 53248, PROT\_READ) = 0

10606 mprotect(0x7f30ffff2000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f30fffff000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f3100052000, 8192, PROT\_READ) = 0

10606 mprotect(0x7f310052c000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f310044d000, 4096, PROT\_READ) = 0

10606 mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f30ffeb3000

10606 mprotect(0x7f310078a000, 45056, PROT\_READ) = 0

10606 mprotect(0x7f31000cb000, 12288, PROT\_READ) = 0

10606 mprotect(0x7f31001c9000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f3100227000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f310023c000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f3100850000, 32768, PROT\_READ) = 0

10606 mprotect(0x40c000, 4096, PROT\_READ) = 0

10606 mprotect(0x7f3100892000, 8192, PROT\_READ) = 0

10606 prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

10606 munmap(0x7f3100859000, 25786)     = 0

10606 futex(0x7f310079873c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

10606 getrandom("\x0d\x90\xfa\x19\xf5\x3b\x65\x00", 8, GRND\_NONBLOCK) = 8

10606 brk(NULL)                         = 0x32e95000

10606 brk(0x32eb6000)                   = 0x32eb6000

10606 openat(AT\_FDCWD, "/sys/devices/system/cpu/online", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "0-15\n", 1024)           = 5

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/sys/devices/system/cpu/possible", O\_RDONLY|O\_CLOEXEC) = 3

10606 read(3, "0-15\n", 1024)           = 5

10606 close(3)                          = 0

10606 getpid()                          = 10606

10606 sched\_getaffinity(10606, 128, [0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15]) = 32

10606 newfstatat(AT\_FDCWD, "/etc/nsswitch.conf", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, 0) = 0

10606 newfstatat(AT\_FDCWD, "/", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10606 openat(AT\_FDCWD, "/etc/nsswitch.conf", O\_RDONLY|O\_CLOEXEC) = 3

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, AT\_EMPTY\_PATH) = 0

10606 read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 494

10606 read(3, "", 4096)                 = 0

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=494, ...}, AT\_EMPTY\_PATH) = 0

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=25786, ...}, AT\_EMPTY\_PATH) = 0

10606 mmap(NULL, 25786, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f3100859000

10606 close(3)                          = 0

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

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10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64-linux-gnu", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10606 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10606 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/tls/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/tls/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/tls/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/x86\_64/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib/x86\_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT\_FDCWD, "/usr/lib/libnss\_db.so.2", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT\_FDCWD, "/usr/lib", {st\_mode=S\_IFDIR|0755, st\_size=4096, ...}, 0) = 0

10606 munmap(0x7f3100859000, 25786)     = 0

10606 openat(AT\_FDCWD, "/etc/protocols", O\_RDONLY|O\_CLOEXEC) = 3

10606 newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=3144, ...}, AT\_EMPTY\_PATH) = 0

10606 lseek(3, 0, SEEK\_SET)             = 0

10606 read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144

10606 read(3, "", 4096)                 = 0

10606 close(3)                          = 0

10606 eventfd2(0, EFD\_CLOEXEC)          = 3

10606 fcntl(3, F\_GETFL)                 = 0x2 (flags O\_RDWR)

10606 fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10606 fcntl(3, F\_GETFL)                 = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10606 fcntl(3, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10606 getpid()                          = 10606

10606 getpid()                          = 10606

10606 getrandom("\x97\x12\xf7\x46\xe6\x1e\x91\xe6\x3a\x1f\xf0\xc4\xce\x1f\xc3\xb6", 16, 0) = 16

10606 getrandom("\xb7\x9c\x76\x5b\x70\xc3\x55\xfc\xc6\x33\xd1\xf7\xc6\xa4\xb4\x83", 16, 0) = 16

10606 eventfd2(0, EFD\_CLOEXEC)          = 4

10606 fcntl(4, F\_GETFL)                 = 0x2 (flags O\_RDWR)

10606 fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10606 fcntl(4, F\_GETFL)                 = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10606 fcntl(4, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10606 getpid()                          = 10606

10606 epoll\_create1(EPOLL\_CLOEXEC)      = 5

10606 epoll\_ctl(5, EPOLL\_CTL\_ADD, 4, {events=0, data={u32=854226528, u64=854226528}}) = 0

10606 epoll\_ctl(5, EPOLL\_CTL\_MOD, 4, {events=EPOLLIN, data={u32=854226528, u64=854226528}}) = 0

10606 getpid()                          = 10606

10606 rt\_sigaction(SIGRT\_1, {sa\_handler=0x7f31002c7720, sa\_mask=[], sa\_flags=SA\_RESTORER|SA\_ONSTACK|SA\_RESTART|SA\_SIGINFO, sa\_restorer=0x7f310027d050}, NULL, 8) = 0

10606 rt\_sigprocmask(SIG\_UNBLOCK, [RTMIN RT\_1], NULL, 8) = 0

10606 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f30ff6b2000

10606 mprotect(0x7f30ff6b3000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10606 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10606 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f30ffeb2990, parent\_tid=0x7f30ffeb2990, exit\_signal=0, stack=0x7f30ff6b2000, stack\_size=0x7ffd00, tls=0x7f30ffeb26c0} => {parent\_tid=[10607]}, 88) = 10607

10607 rseq(0x7f30ffeb2fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10607 <... rseq resumed>)               = 0

10606 <... rt\_sigprocmask resumed>NULL, 8) = 0

10607 set\_robust\_list(0x7f30ffeb29a0, 24 <unfinished ...>

10606 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10607 <... set\_robust\_list resumed>)    = 0

10606 <... eventfd2 resumed>)           = 6

10607 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10606 fcntl(6, F\_GETFL <unfinished ...>

10607 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0x2 (flags O\_RDWR)

10607 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1],  <unfinished ...>

10606 fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10607 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0

10607 sched\_getparam(10607,  <unfinished ...>

10606 fcntl(6, F\_GETFL <unfinished ...>

10607 <... sched\_getparam resumed>[0])  = 0

10606 <... fcntl resumed>)              = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10607 sched\_getscheduler(10607 <unfinished ...>

10606 fcntl(6, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10607 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10606 <... fcntl resumed>)              = 0

10607 sched\_setscheduler(10607, SCHED\_OTHER, [0] <unfinished ...>

10606 getpid( <unfinished ...>

10607 <... sched\_setscheduler resumed>) = 0

10606 <... getpid resumed>)             = 10606

10607 prctl(PR\_SET\_NAME, "ZMQbg/Reaper" <unfinished ...>

10606 epoll\_create1(EPOLL\_CLOEXEC <unfinished ...>

10607 <... prctl resumed>)              = 0

10606 <... epoll\_create1 resumed>)      = 7

10607 epoll\_wait(5,  <unfinished ...>

10606 epoll\_ctl(7, EPOLL\_CTL\_ADD, 6, {events=0, data={u32=854230448, u64=854230448}}) = 0

10606 epoll\_ctl(7, EPOLL\_CTL\_MOD, 6, {events=EPOLLIN, data={u32=854230448, u64=854230448}}) = 0

10606 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f30feeb1000

10606 mprotect(0x7f30feeb2000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10606 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10606 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f30ff6b1990, parent\_tid=0x7f30ff6b1990, exit\_signal=0, stack=0x7f30feeb1000, stack\_size=0x7ffd00, tls=0x7f30ff6b16c0} => {parent\_tid=[10608]}, 88) = 10608

10608 rseq(0x7f30ff6b1fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10608 <... rseq resumed>)               = 0

10606 <... rt\_sigprocmask resumed>NULL, 8) = 0

10608 set\_robust\_list(0x7f30ff6b19a0, 24 <unfinished ...>

10606 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10608 <... set\_robust\_list resumed>)    = 0

10606 <... eventfd2 resumed>)           = 8

10608 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10606 fcntl(8, F\_GETFL <unfinished ...>

10608 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0x2 (flags O\_RDWR)

10608 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1],  <unfinished ...>

10606 fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10608 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0

10608 sched\_getparam(10608,  <unfinished ...>

10606 fcntl(8, F\_GETFL <unfinished ...>

10608 <... sched\_getparam resumed>[0])  = 0

10606 <... fcntl resumed>)              = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10608 sched\_getscheduler(10608 <unfinished ...>

10606 fcntl(8, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10608 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10606 <... fcntl resumed>)              = 0

10608 sched\_setscheduler(10608, SCHED\_OTHER, [0] <unfinished ...>

10606 getpid( <unfinished ...>

10608 <... sched\_setscheduler resumed>) = 0

10606 <... getpid resumed>)             = 10606

10608 prctl(PR\_SET\_NAME, "ZMQbg/IO/0" <unfinished ...>

10606 epoll\_create1(EPOLL\_CLOEXEC <unfinished ...>

10608 <... prctl resumed>)              = 0

10606 <... epoll\_create1 resumed>)      = 9

10608 epoll\_wait(7,  <unfinished ...>

10606 epoll\_ctl(9, EPOLL\_CTL\_ADD, 8, {events=0, data={u32=854249888, u64=854249888}}) = 0

10606 epoll\_ctl(9, EPOLL\_CTL\_MOD, 8, {events=EPOLLIN, data={u32=854249888, u64=854249888}}) = 0

10606 mmap(NULL, 8392704, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_STACK, -1, 0) = 0x7f30fe6b0000

10606 mprotect(0x7f30fe6b1000, 8388608, PROT\_READ|PROT\_WRITE) = 0

10606 rt\_sigprocmask(SIG\_BLOCK, ~[], [], 8) = 0

10606 clone3({flags=CLONE\_VM|CLONE\_FS|CLONE\_FILES|CLONE\_SIGHAND|CLONE\_THREAD|CLONE\_SYSVSEM|CLONE\_SETTLS|CLONE\_PARENT\_SETTID|CLONE\_CHILD\_CLEARTID, child\_tid=0x7f30feeb0990, parent\_tid=0x7f30feeb0990, exit\_signal=0, stack=0x7f30fe6b0000, stack\_size=0x7ffd00, tls=0x7f30feeb06c0} => {parent\_tid=[10609]}, 88) = 10609

10609 rseq(0x7f30feeb0fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10609 <... rseq resumed>)               = 0

10606 <... rt\_sigprocmask resumed>NULL, 8) = 0

10609 set\_robust\_list(0x7f30feeb09a0, 24 <unfinished ...>

10606 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10609 <... set\_robust\_list resumed>)    = 0

10606 <... eventfd2 resumed>)           = 10

10609 rt\_sigprocmask(SIG\_SETMASK, [],  <unfinished ...>

10606 fcntl(10, F\_GETFL <unfinished ...>

10609 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0x2 (flags O\_RDWR)

10609 rt\_sigprocmask(SIG\_BLOCK, ~[RTMIN RT\_1],  <unfinished ...>

10606 fcntl(10, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10609 <... rt\_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)              = 0

10609 sched\_getparam(10609,  <unfinished ...>

10606 fcntl(10, F\_GETFL <unfinished ...>

10609 <... sched\_getparam resumed>[0])  = 0

10606 <... fcntl resumed>)              = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10609 sched\_getscheduler(10609 <unfinished ...>

10606 fcntl(10, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10609 <... sched\_getscheduler resumed>) = 0 (SCHED\_OTHER)

10606 <... fcntl resumed>)              = 0

10609 sched\_setscheduler(10609, SCHED\_OTHER, [0] <unfinished ...>

10606 getpid( <unfinished ...>

10609 <... sched\_setscheduler resumed>) = 0

10606 <... getpid resumed>)             = 10606

10609 prctl(PR\_SET\_NAME, "ZMQbg/IO/1" <unfinished ...>

10606 getpid( <unfinished ...>

10609 <... prctl resumed>)              = 0

10606 <... getpid resumed>)             = 10606

10609 epoll\_wait(9,  <unfinished ...>

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 brk(0x32ed7000)                   = 0x32ed7000

10606 futex(0x7f3100798748, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

10606 getpid()                          = 10606

10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}], 256, -1) = 1

10606 getpid( <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... getpid resumed>)             = 10606

10606 write(10, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... write resumed>)              = 8

10608 <... poll resumed>)               = 1 ([{fd=6, revents=POLLIN}])

10606 newfstatat(1, "",  <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... newfstatat resumed>{st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x1), ...}, AT\_EMPTY\_PATH) = 0

10608 <... getpid resumed>)             = 10606

10606 write(1, "\320\224\320\276\320\261\321\200\320\276 \320\277\320\276\320\266\320\260\320\273\320\276\320\262\320\260\321\202\321\214 "..., 58 <unfinished ...>

10608 read(6,  <unfinished ...>

10606 <... write resumed>)              = 58

10608 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265 \320\262\320\260\321\210 \320\273\320\276\320\263\320\270\320\275"..., 34 <unfinished ...>

10608 mmap(NULL, 134217728, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_NORESERVE, -1, 0 <unfinished ...>

10606 <... write resumed>)              = 34

10608 <... mmap resumed>)               = 0x7f30f66b0000

10606 newfstatat(0, "",  <unfinished ...>

10608 munmap(0x7f30f66b0000, 26542080 <unfinished ...>

10606 <... newfstatat resumed>{st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0x1), ...}, AT\_EMPTY\_PATH) = 0

10608 <... munmap resumed>)             = 0

10606 read(0,  <unfinished ...>

10608 munmap(0x7f30fc000000, 40566784)  = 0

10608 mprotect(0x7f30f8000000, 135168, PROT\_READ|PROT\_WRITE) = 0

10608 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP) = 11

10608 fcntl(11, F\_GETFL)                = 0x2 (flags O\_RDWR)

10608 fcntl(11, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10608 connect(11, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("127.0.0.1")}, 16) = -1 EINPROGRESS (Operation now in progress)

10608 epoll\_ctl(7, EPOLL\_CTL\_ADD, 11, {events=0, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 getpid()                          = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10608 epoll\_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, -1) = 1

10608 epoll\_ctl(7, EPOLL\_CTL\_DEL, 11, 0x7f30f8001434) = 0

10608 getsockopt(11, SOL\_SOCKET, SO\_ERROR, [0], [4]) = 0

10608 setsockopt(11, SOL\_TCP, TCP\_NODELAY, [1], 4) = 0

10608 getsockname(11, {sa\_family=AF\_INET, sin\_port=htons(46920), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10608 getpeername(11, {sa\_family=AF\_INET, sin\_port=htons(5555), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10608 fcntl(11, F\_GETFL)                = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10608 fcntl(11, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10608 getpid()                          = 10606

10608 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 epoll\_wait(7, [{events=EPOLLIN, data={u32=854230448, u64=854230448}}], 256, -1) = 1

10608 getpid()                          = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10608 getpid()                          = 10606

10608 read(6, "\1\0\0\0\0\0\0\0", 8)    = 8

10608 epoll\_ctl(7, EPOLL\_CTL\_ADD, 11, {events=0, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 recvfrom(11, "\377\0\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10

10608 recvfrom(11, 0x7f30f8001bf2, 2, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10608 getpid()                          = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10608 epoll\_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29997) = 1

10608 sendto(11, "\377\0\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0) = 11

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}], 256, 29996) = 1

10608 recvfrom(11, "\3\1", 2, 0, NULL, NULL) = 2

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 recvfrom(11, "NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 52, 0, NULL, NULL) = 52

10608 recvfrom(11, 0x7f30f8003d18, 8192, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10608 epoll\_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29991) = 1

10608 sendto(11, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, 0) = 53

10608 epoll\_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29988) = 1

10608 sendto(11, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0) = 40

10608 epoll\_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29987) = 1

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}], 256, 29986) = 1

10608 recvfrom(11, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 8192, 0, NULL, NULL) = 27

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll\_wait(7,  <unfinished ...>

10606 <... read resumed>"andre\n", 1024) = 6

10606 getpid()                          = 10606

10606 getpid()                          = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 1 ([{fd=10, revents=POLLIN}])

10606 getpid()                          = 10606

10606 read(10, "\1\0\0\0\0\0\0\0", 8)   = 8

10606 getpid()                          = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()                          = 10606

10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}], 256, -1) = 1

10606 getpid( <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... getpid resumed>)             = 10606

10606 poll([{fd=10, events=POLLIN}], 1, -1 <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10608 getpid()                          = 10606

10608 read(6, "\1\0\0\0\0\0\0\0", 8)    = 8

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 getpid()                          = 10606

10608 write(10, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10606 <... poll resumed>)               = 1 ([{fd=10, revents=POLLIN}])

10608 <... write resumed>)              = 8

10606 getpid( <unfinished ...>

10608 sendto(11, "\1\0\0\21login:andre:10606", 21, 0, NULL, 0 <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... sendto resumed>)             = 21

10606 read(10,  <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10608 <... getpid resumed>)             = 10606

10606 getpid( <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... poll resumed>)               = 0 (Timeout)

10606 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10608 epoll\_wait(7,  <unfinished ...>

10606 <... poll resumed>)               = 0 (Timeout)

10608 <... epoll\_wait resumed>[{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, -1) = 1

10606 getpid( <unfinished ...>

10608 epoll\_ctl(7, EPOLL\_CTL\_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}} <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... epoll\_ctl resumed>)          = 0

10606 poll([{fd=10, events=POLLIN}], 1, -1 <unfinished ...>

10608 epoll\_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}], 256, -1) = 1

10608 recvfrom(11, "\1\0\0\4Ok:0", 8192, 0, NULL, NULL) = 8

10608 getpid()                          = 10606

10608 write(10, "\1\0\0\0\0\0\0\0", 8)  = 8

10606 <... poll resumed>)               = 1 ([{fd=10, revents=POLLIN}])

10608 epoll\_wait(7,  <unfinished ...>

10606 getpid()                          = 10606

10606 read(10, "\1\0\0\0\0\0\0\0", 8)   = 8

10606 getpid()                          = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()                          = 10606

10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}], 256, -1) = 1

10606 eventfd2(0, EFD\_CLOEXEC <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... eventfd2 resumed>)           = 12

10608 <... getpid resumed>)             = 10606

10606 fcntl(12, F\_GETFL <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... fcntl resumed>)              = 0x2 (flags O\_RDWR)

10608 <... poll resumed>)               = 1 ([{fd=6, revents=POLLIN}])

10606 fcntl(12, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... fcntl resumed>)              = 0

10608 <... getpid resumed>)             = 10606

10606 fcntl(12, F\_GETFL <unfinished ...>

10608 read(6,  <unfinished ...>

10606 <... fcntl resumed>)              = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10608 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 fcntl(12, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... fcntl resumed>)              = 0

10608 <... getpid resumed>)             = 10606

10606 getpid( <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... getpid resumed>)             = 10606

10608 <... poll resumed>)               = 0 (Timeout)

10606 getpid( <unfinished ...>

10608 epoll\_wait(7,  <unfinished ...>

10606 <... getpid resumed>)             = 10606

10606 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()                          = 10606

10606 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10609 <... epoll\_wait resumed>[{events=EPOLLIN, data={u32=854249888, u64=854249888}}], 256, -1) = 1

10606 getpid( <unfinished ...>

10609 getpid( <unfinished ...>

10606 <... getpid resumed>)             = 10606

10609 <... getpid resumed>)             = 10606

10606 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10609 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... write resumed>)              = 8

10609 <... poll resumed>)               = 1 ([{fd=8, revents=POLLIN}])

10606 write(1, "[Client] \320\220\320\262\321\202\320\276\321\200\320\270\320\267\320\260\321\206\320\270\321\217 "..., 91 <unfinished ...>

10609 getpid( <unfinished ...>

10606 <... write resumed>)              = 91

10609 <... getpid resumed>)             = 10606

10606 write(1, "\n==============================="..., 43 <unfinished ...>

10609 read(8,  <unfinished ...>

10606 <... write resumed>)              = 43

10609 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 write(1, "\320\224\320\276\321\201\321\202\321\203\320\277\320\275\321\213\320\265 \320\272\320\276\320\274\320\260\320\275\320\264\321"..., 35 <unfinished ...>

10609 mmap(NULL, 134217728, PROT\_NONE, MAP\_PRIVATE|MAP\_ANONYMOUS|MAP\_NORESERVE, -1, 0 <unfinished ...>

10606 <... write resumed>)              = 35

10609 <... mmap resumed>)               = 0x7f30f0000000

10606 write(1, "  create <\320\270\320\274\321\217\_\320\270\320\263\321\200\321\213>  - \321\201"..., 60 <unfinished ...>

10609 munmap(0x7f30f4000000, 67108864 <unfinished ...>

10606 <... write resumed>)              = 60

10609 <... munmap resumed>)             = 0

10606 write(1, "  join <\320\270\320\274\321\217\_\320\270\320\263\321\200\321\213>    - \320\277"..., 77 <unfinished ...>

10609 mprotect(0x7f30f0000000, 135168, PROT\_READ|PROT\_WRITE <unfinished ...>

10606 <... write resumed>)              = 77

10609 <... mprotect resumed>)           = 0

10606 write(1, "  stats             - \320\277\320\276\320\272\320\260\320\267"..., 69 <unfinished ...>

10609 socket(AF\_INET, SOCK\_STREAM|SOCK\_CLOEXEC, IPPROTO\_TCP <unfinished ...>

10606 <... write resumed>)              = 69

10609 <... socket resumed>)             = 13

10606 write(1, "  exit              - \320\262\321\213\320\271\321\202\320\270"..., 57 <unfinished ...>

10609 fcntl(13, F\_GETFL <unfinished ...>

10606 <... write resumed>)              = 57

10609 <... fcntl resumed>)              = 0x2 (flags O\_RDWR)

10606 write(1, "================================"..., 42 <unfinished ...>

10609 fcntl(13, F\_SETFL, O\_RDWR|O\_NONBLOCK <unfinished ...>

10606 <... write resumed>)              = 42

10609 <... fcntl resumed>)              = 0

10606 write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265 \320\272\320\276\320\274\320\260\320\275\320\264\321\203: ", 31 <unfinished ...>

10609 connect(13, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("127.0.0.1")}, 16 <unfinished ...>

10606 <... write resumed>)              = 31

10606 read(0,  <unfinished ...>

10609 <... connect resumed>)            = -1 EINPROGRESS (Operation now in progress)

10609 epoll\_ctl(9, EPOLL\_CTL\_ADD, 13, {events=0, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 getpid()                          = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10609 epoll\_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, -1) = 1

10609 epoll\_ctl(9, EPOLL\_CTL\_DEL, 13, 0x7f30f0001434) = 0

10609 getsockopt(13, SOL\_SOCKET, SO\_ERROR, [0], [4]) = 0

10609 setsockopt(13, SOL\_TCP, TCP\_NODELAY, [1], 4) = 0

10609 getsockname(13, {sa\_family=AF\_INET, sin\_port=htons(42414), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10609 getpeername(13, {sa\_family=AF\_INET, sin\_port=htons(5556), sin\_addr=inet\_addr("127.0.0.1")}, [128 => 16]) = 0

10609 fcntl(13, F\_GETFL)                = 0x802 (flags O\_RDWR|O\_NONBLOCK)

10609 fcntl(13, F\_SETFL, O\_RDWR|O\_NONBLOCK) = 0

10609 getpid()                          = 10606

10609 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10609 epoll\_wait(9, [{events=EPOLLIN, data={u32=854249888, u64=854249888}}], 256, -1) = 1

10609 getpid()                          = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])

10609 getpid()                          = 10606

10609 read(8, "\1\0\0\0\0\0\0\0", 8)    = 8

10609 epoll\_ctl(9, EPOLL\_CTL\_ADD, 13, {events=0, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 recvfrom(13, "\377\0\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10

10609 recvfrom(13, 0x7f30f0001bf2, 2, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10609 getpid()                          = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10609 epoll\_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29997) = 1

10609 sendto(13, "\377\0\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0) = 11

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_wait(9, [{events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}], 256, 29996) = 1

10609 recvfrom(13, "\3\1", 2, 0, NULL, NULL) = 2

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 recvfrom(13, "NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 52, 0, NULL, NULL) = 52

10609 recvfrom(13, 0x7f30f0003d18, 8192, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10609 epoll\_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29992) = 1

10609 sendto(13, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, 0) = 53

10609 epoll\_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29990) = 1

10609 sendto(13, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0) = 27

10609 epoll\_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29989) = 1

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_wait(9, [{events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}], 256, 29988) = 1

10609 recvfrom(13, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192, 0, NULL, NULL) = 40

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_ctl(9, EPOLL\_CTL\_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll\_wait(9,  <unfinished ...>

10606 <... read resumed>0x32eb71f0, 1024) = ? ERESTARTSYS (To be restarted if SA\_RESTART is set)

10606 --- SIGINT {si\_signo=SIGINT, si\_code=SI\_KERNEL} ---

10609 <... epoll\_wait resumed> <unfinished ...>) = ?

10608 <... epoll\_wait resumed> <unfinished ...>) = ?

10607 <... epoll\_wait resumed> <unfinished ...>) = ?

10609 +++ killed by SIGINT +++

10608 +++ killed by SIGINT +++

10607 +++ killed by SIGINT +++

10606 +++ killed by SIGINT +++

**Вывод**

В ходе разработки многопользовательской игры «Морской бой» с использованием библиотеки ZeroMQ мне удалось успешно реализовать все основные функциональные требования, включая авторизацию пользователей, создание и присоединение к игровым комнатам, а также ведение статистики побед и поражений. Программа демонстрирует стабильную работу обмена сообщениями между сервером и клиентами, обеспечивая плавный игровой процесс.