

AnssPensoft Project's book

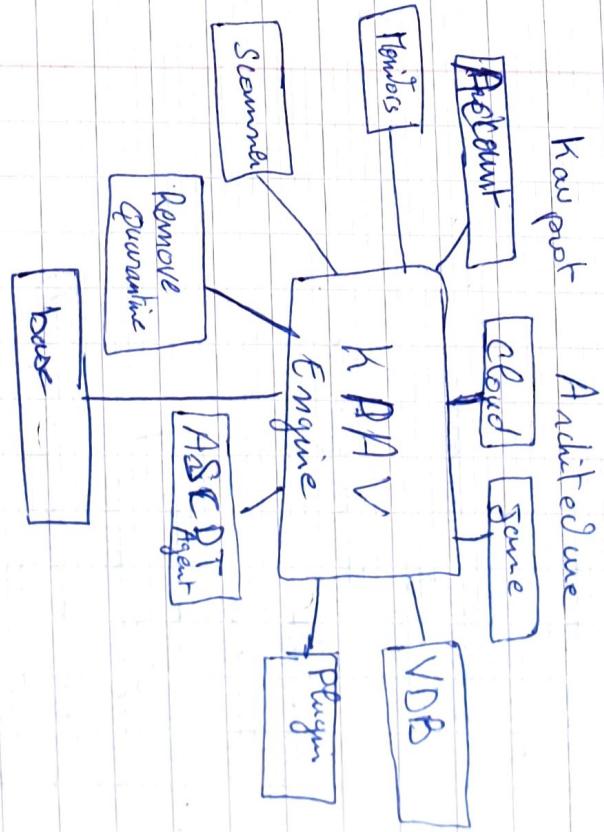
- * AnssPensoft Labs
- * AnssPensoft Cyber defense ~~Team~~
- * AnssPensoft Game studio
- * AnssPensoft Virus labs

Projects
Algorithm
Architecture

2
C

2012

Kavsoft Smart Security Project Study



IT Components

- Antivirus engine
- Scan engine
- Firewall
- IPOTP Firewall
- Cloud protection
- Account Management

- Jane AI

- Sound box
- PG update
- VDR update
- Anti-spam
- Vulnerability scanner
- Safe browser
- Social Network protection
- Auto-pilot
- Anti-virus
- Encryption ~ Backup
- Parental control
- IDS Hybrid (integrated)
- CPF call
- Hasslesoft Agent
- Emergency case
- ARC

(ASM, IL)

- Password Manager

- VDT

- Web application

- DB

- App

- API

- UI

Development
Task 5

One in (newspaper) AVG 2000

100

- Create Antispam rule in pgdb
 - Antispam Class Policy ✓
 - A Kavprot Account ✓
 - ~~Kavprot Manager~~ ~~try something else~~ ✓
 - Password generator ✓
 - Sandbox settings ✓
 - VD BT Virus DB Teacher ✓
 - kavprod CPL ✓
 - Anti-Virus
 - settings Manager + decryption ✓
 - Cloud Protection ✓
 - Alert ✓
 - AGAS ✓
 - IP banning ✓
 - Backup ✓
 - Scan Solution ✓
 - VRPS ✓
 - Network Monitor ✓
 - Kavprot account Register + Login ✓
 - View Log Implementation ✓
 - ~~Kavprot GUI~~ ~~Kavprot ATK API~~ ~~(seme)~~ ✓
 - Network Protection System ✓
 - File (TCP, UDP, ICMP, IGMP) ✓
 - KProxy ✓
 - Web protection ✓
 - WIDS
 - Web URLs ✓
 - Certificate ✓
 - Work ressources ✓
 - File System Monitor ✓
 - VD B Updates ✓
 - Program Update ✓
 - Input Simulator ✓
 - HTML ✓
 - Removal ✓
 - DNA ✓
 - Multi Task Scan ✓
 - ARCP ✓
 - ~~Kavprot ATK API~~ ~~(seme)~~ ✓
 - ARCP Server ✓
 - KAFML ✓
 - Kavprot GUI

Kawpsoft Mobile Application

↳ Release director

↳ Kawpsoft Application for Mobile

↳ Kawpsoft Network information Security

↳ Update VDR (Car AV)

↳ KAT GUI

↳ KAT INI

↳ Desktop Locker

↳ speech guide

for 5 seconds
4 times

block and release

Performance Analyzer ↗
Memory AND CPU
AND static

* Password or account saver

* Biometric Locker (face detection)

1 * Security System (Motion detection)

* Antivirus Agent

o optimize

o optimize Settings

* default classes and more

↳ Login

↳ send message

↳ receive message

↳ SEA

↳ Hex

↳ Audio player

↳ Image viewer

↳ Text Editor

ARCP

Free communication

Public

Anonymous
Source

~~ARP~~
ARP

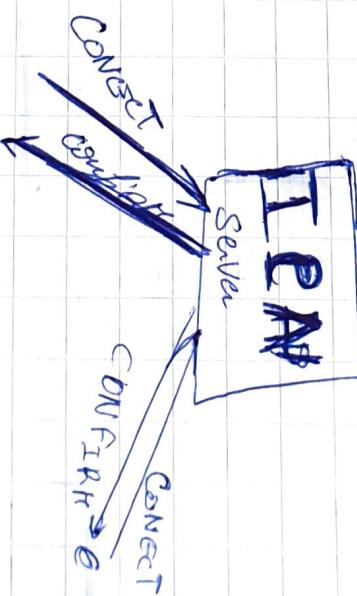
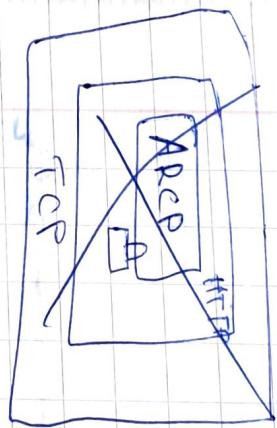
H: 8 bytes : RCP : RCP

M: 8 bytes : RCP : RCP

dest

Accept command : enc ARCP

Source



ARCP

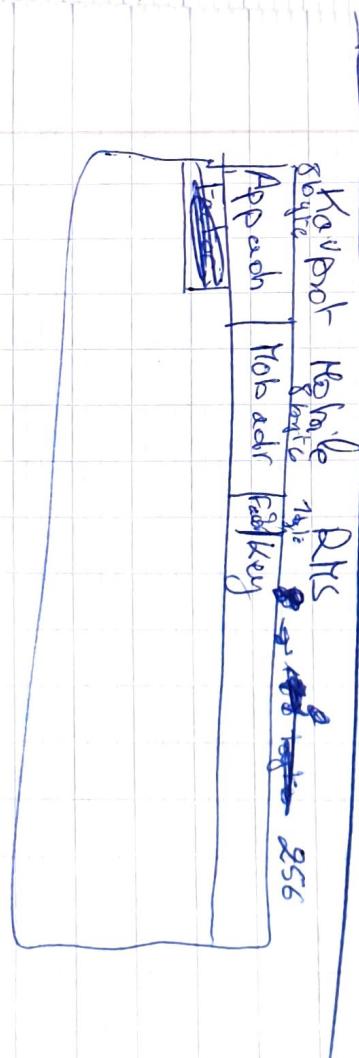
Protocol
Refining
Final ARCP design.

14 bytes 8 bytes
Source Accept Command CRC



data Max length 512000 bytes
500 kB

Subject	Relative	RHS
Approach	Host adr	Fast key



data



Problems

- Memory peak after HTTP session
- Possible solution do not open data from session
- Initialization speed
 - ↳ Asynchronous method

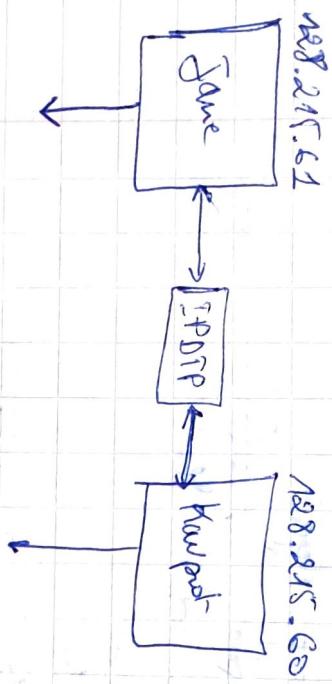
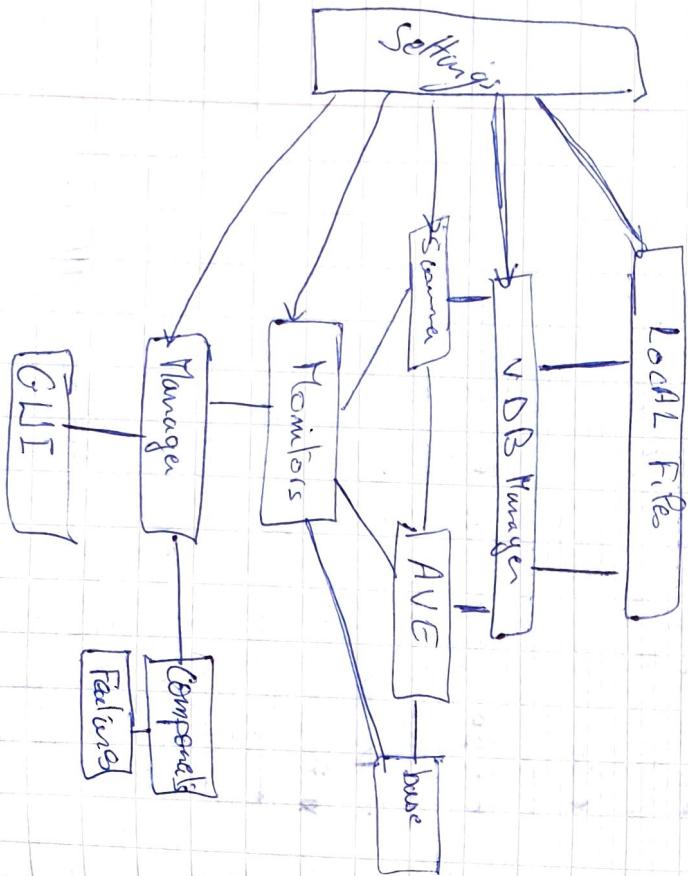
- Errors
 - ↳ Fix off-line delivery
- GUI
 - ↳ Make GUI more powerful
 - New fast cloud prediction
 - ↳ Remove cloud prediction

- HIP
 - Fix GUI (organize, upgrade)
 - About form (upgrade)
 - Anti-crash
 - Fix VDB updates
 - Fix VDB version, VDB config

• See sense

- sentiment-analysis
 - VDB update server (RHN) authenticate
 - change update server name
 - Kwpd-AI control center
- Password Manager
- CPE tool

- Local DeCompressor copy
- Optimize the maximum code and remove any unused form
 - Fix http Voice (SIP → ATML base)
 - TUP
 - Control kwpd server
 - Change About copyright

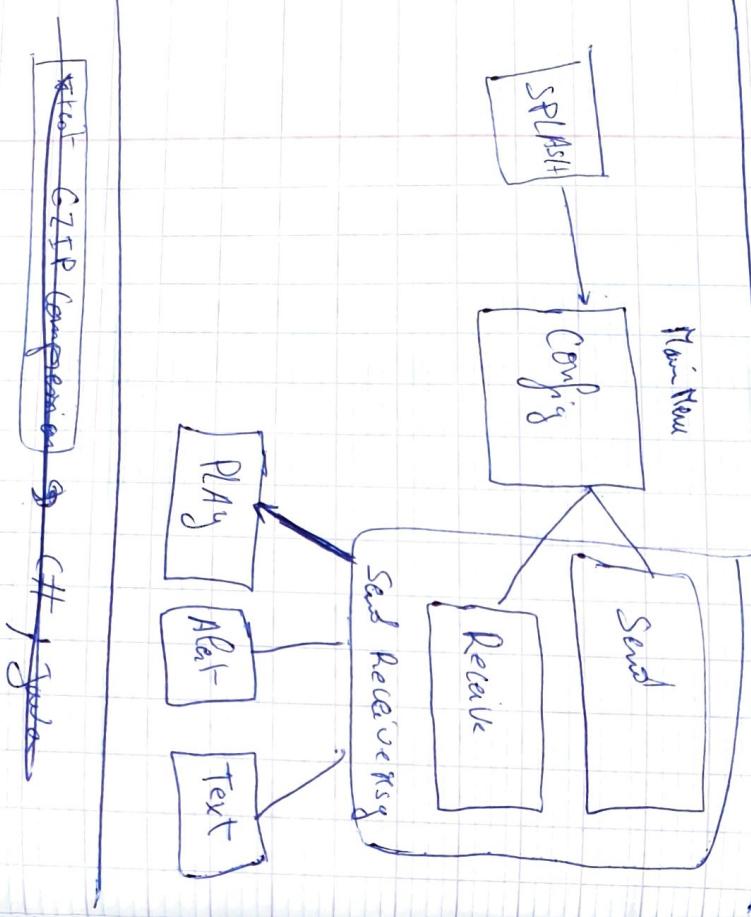
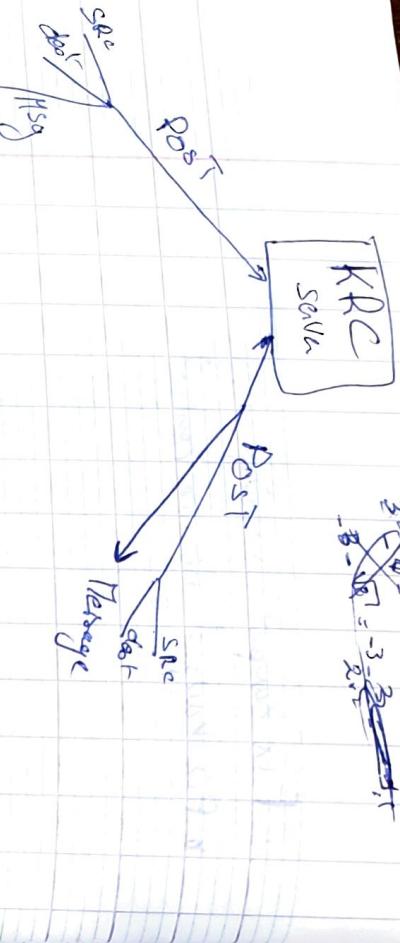


1. Fix Kumpol - Selvsky system
n Fix Kumpol - Remote Control

12.8.2015.61
12.8.2015.60

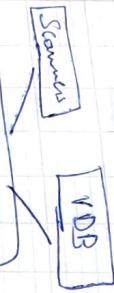
Mobile to Empultra

MAC



QUESTION

- Ansiblesoft Cyber defense ~~Security~~ Network



5



Kaspersky Smart Security

- Program Updates
- Cloud protection
- ARCP (Remote control)
- Same (Kaspersky Artificial intelligent)
- Web Protection

Social Network Protection

- Safesurfing
- Parental Control

- Script Scanner
- WIPS

Site Advisor

Optimize KProxy

System Protection

File System Watcher

Smart Backup

HTTPS

Process Watcher

Registry Watcher

Drive Monitor

Network Protection

Network Filter

Attack sum Filter

IP Filter

Packet Filter

System Rescue

- ↳ System rescue drive
- ↳ System rescue directory
- ↳ Smart Backup director

Vulnerability Scanner
german password

- ↳ often security issues

~~File Protection~~

File Protection

- ↳ collect information

- ↳ Register Kavsoft
- ↳ Register ASCDN account

Self defense

- ↳ Protect local files

- ↳ Protect local processes

IPDTP protection

IPDTP Server

VOIP protection

Skype integration

Mail Protection

outlook integration

File integrity and safety

IPDTP protection

Cloud check

File Encryption

KAI

ATML

SVP

Sensor

See

Hear

User Protection system

Send SMS

User Alert System

Kavsoft learning

Heuristic engine

Cloud learning

SAND BOX

IM Protection

MSN integration

- ↳ yahoo integration
- ↳ messenger

Kavprok Trust

Antivirus Security certificate

- Create logo in login screen (protected by)
- Install probe
- Activation

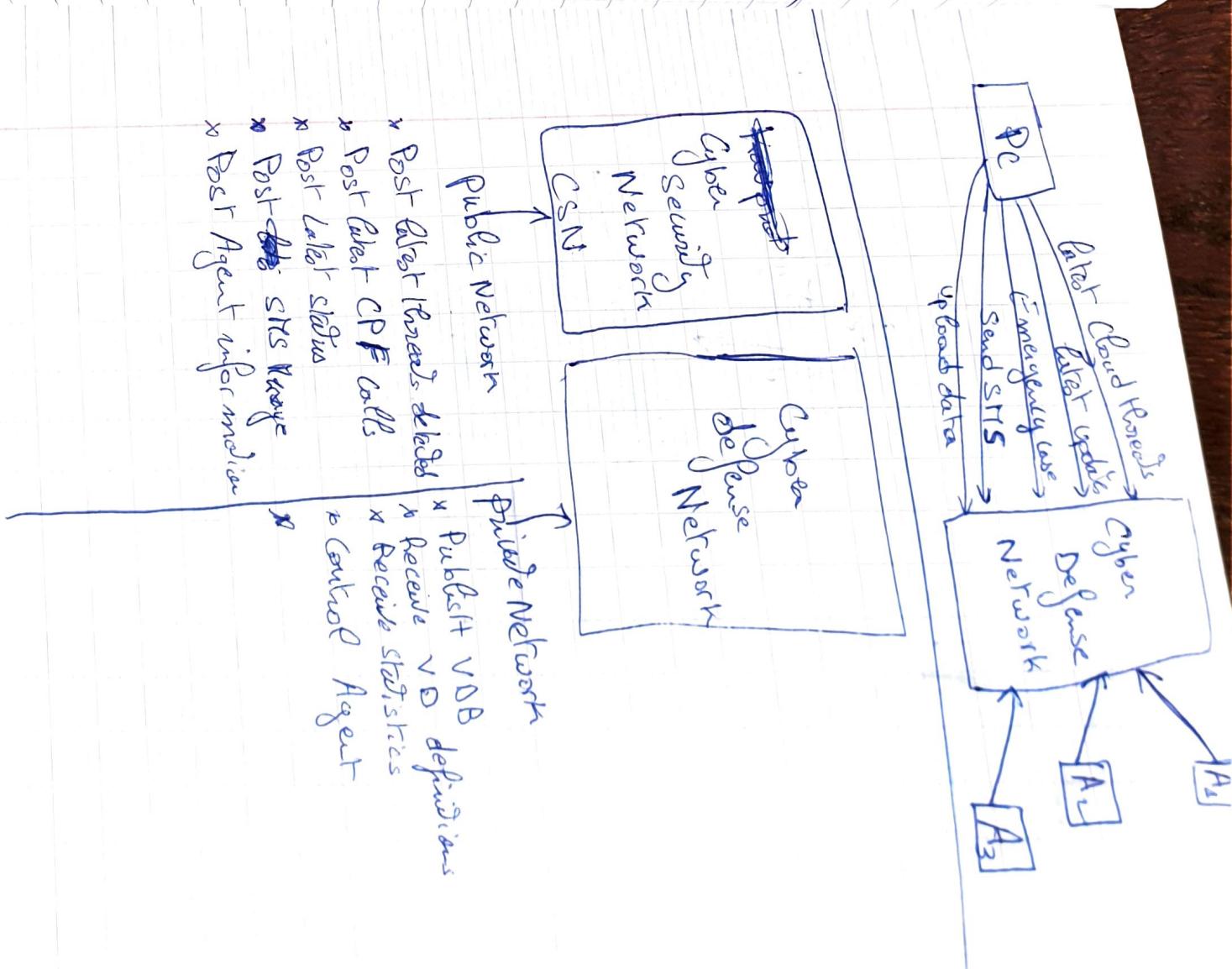
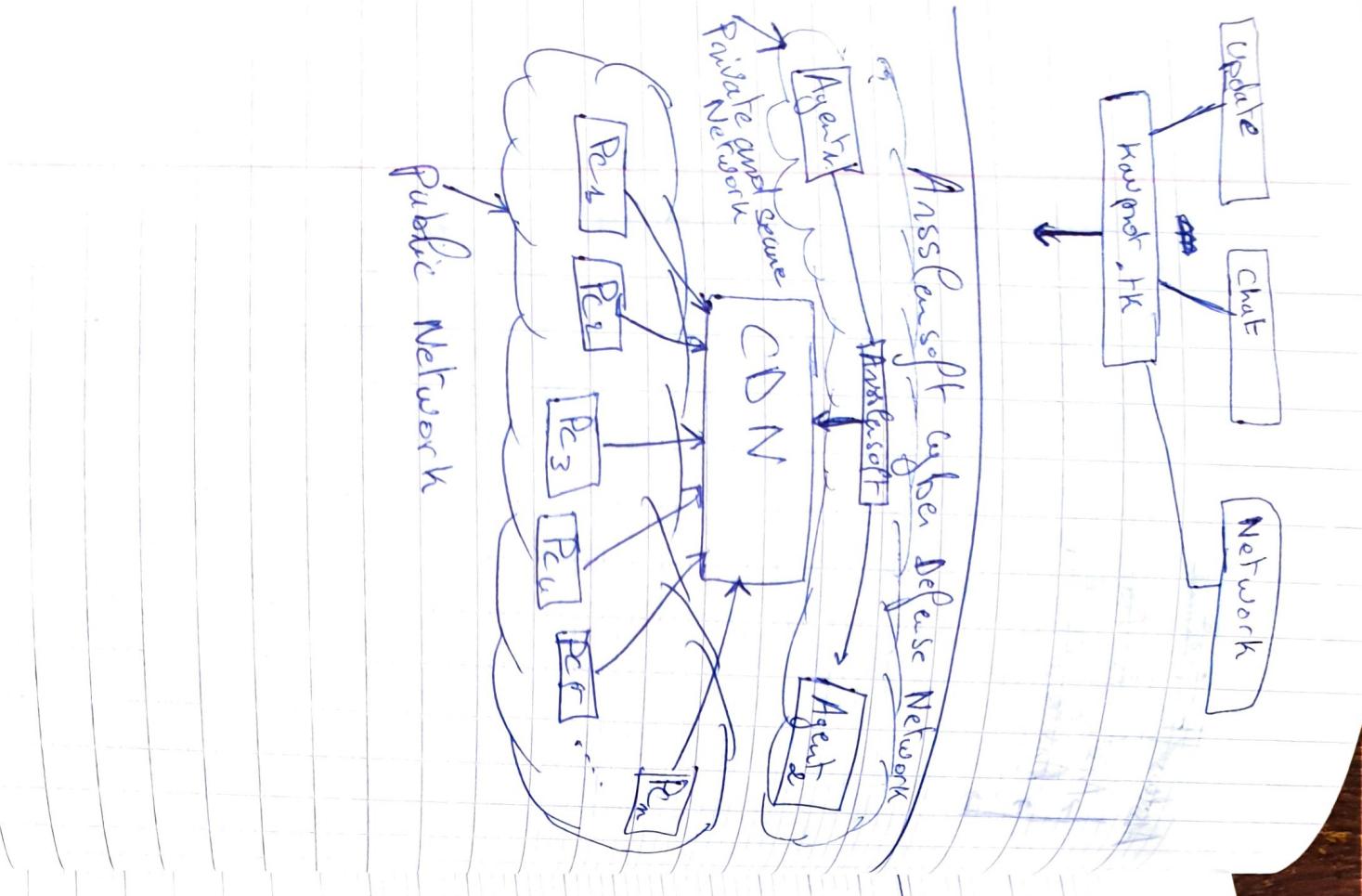
Password Manager

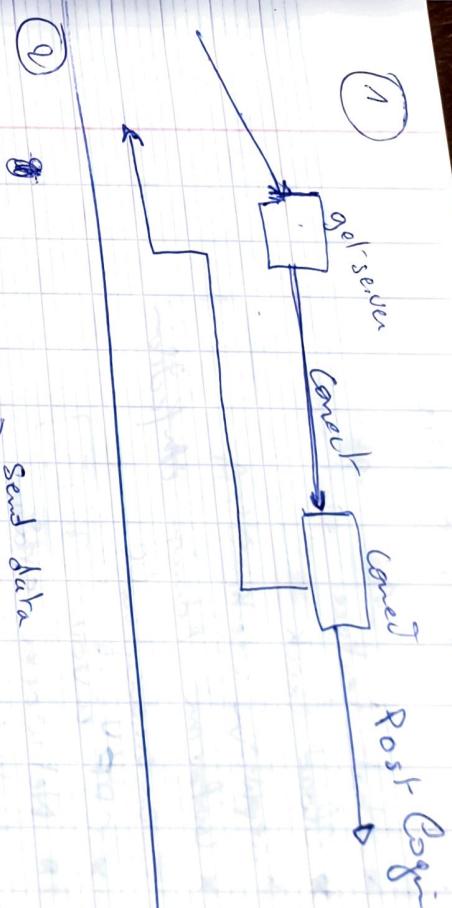
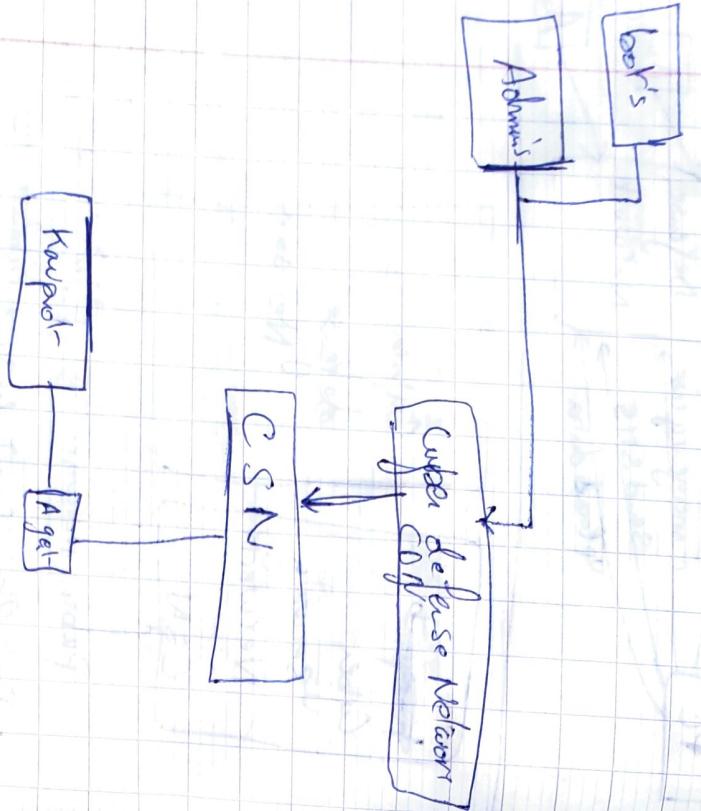
Enhanced

- Antispyware
- Biometric locker (face detection)
- Motion detection (alarm system)
- Auto play
- Sensitivity control
- File Advisor
- Kavprok Voice
- Kavprok Alert System
- Virtual Keyboard
- Quarantine
- Kavprok Rescue Disk
- Cyber protection Forces
- Emergency case
- VDB update server

Antivirus Features

- Antivirus Agent
- Antivirus (threat elimination)





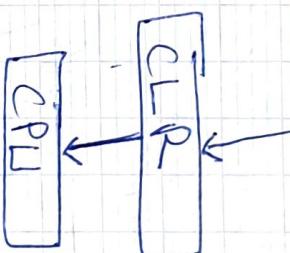
File Security Network

Kavsoft - AVE



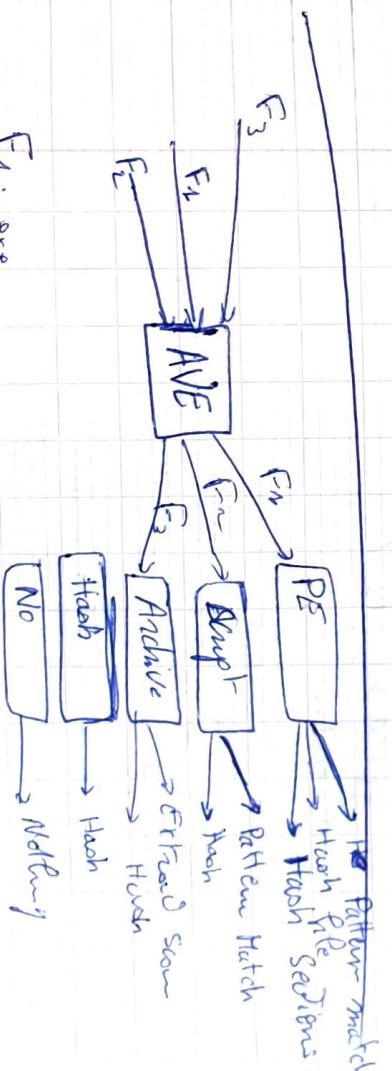
- * Chat feature
- * Cloud check
- * Replication check
- * Information Admin interaction
- * Emergency back
- * CDF invoke
- * Network status
- * Protection Synchronization
- * Receive Message from Admin

AVE Network flow



Problem : Antivirus engine will be exposed

↳ TIPC attacks and Runtime Emulation
→ Create own TIP Engine



NDB Problems

→ if the database will contain over 1Mn
if 5'000'000 signature.

Disk space

/ Memory ↑ / Speed ↓

Solution
Search Tree

A - Z [0 - 9] C

IC
Digital Letter

3C

x try optimizing database (inference & engine)

PE

PE Problems

→ if sum (Pattern Match + hash + PE hash)
Speed ↓ (PLI ↑)

algorithm

{ High Space
→ Pattern Match polymorphic code
Normal + Itanic PE + Hash

{ Hash PE + Hash
low
Hash

ARCHIVE } Optimizing => Control
Script Hash No

No

Period

Quarantine

Review

Roll Back actions

Remove

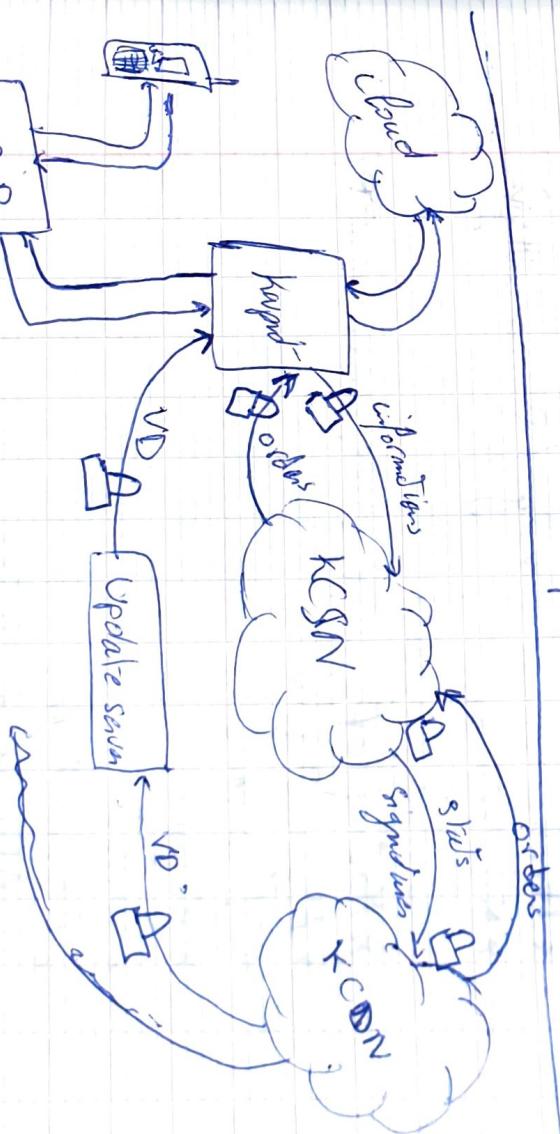
Script Match
Malware Scan

Heuristic

Static Code Analysis

Reputation check

SAND BOX

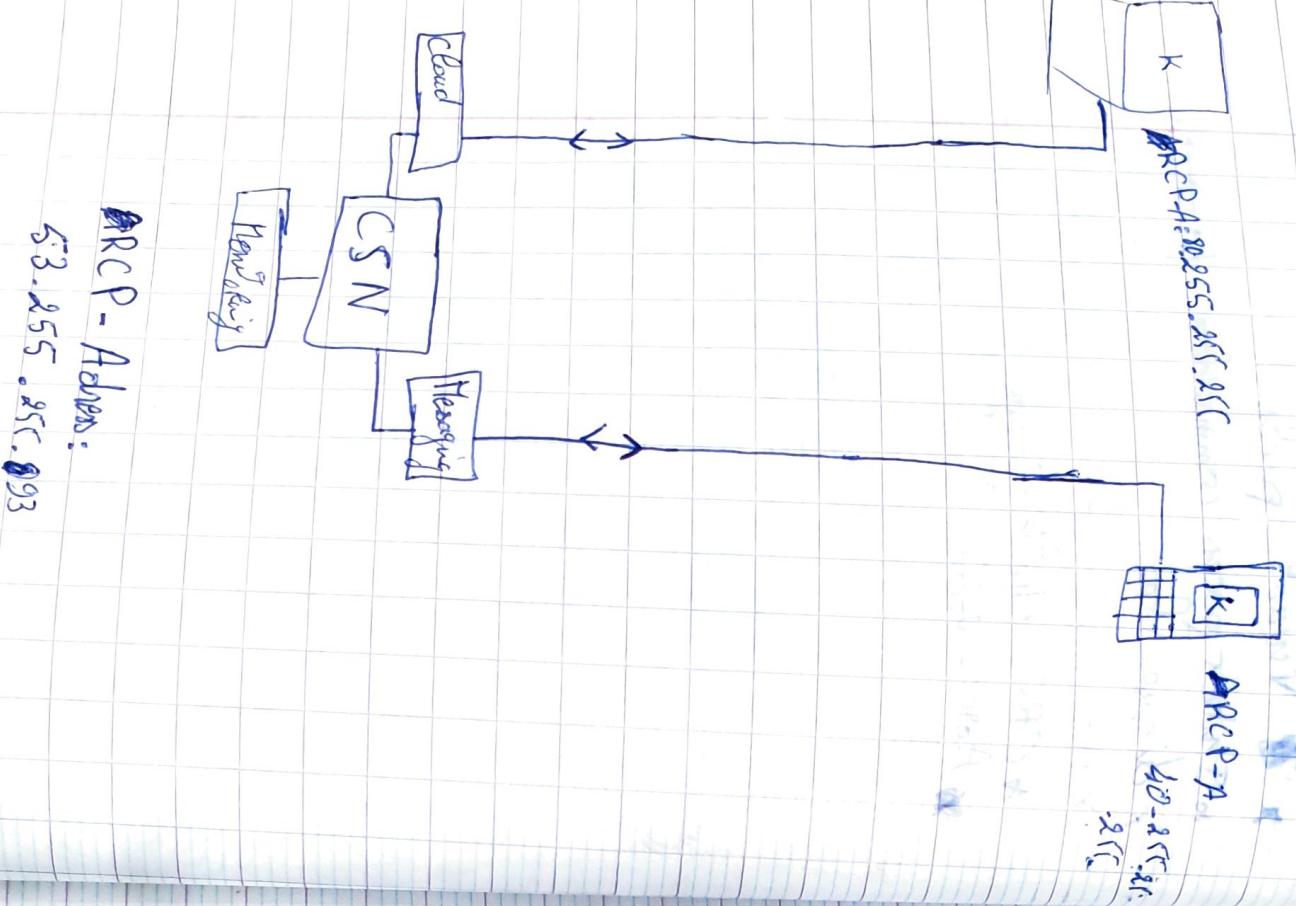


Study Kaspersky

- * Use own font
- * Advanced tools
- * Multi-language
- * Documentation
- * Safe Navigation
- * File Blocker (File encryption)
- * Create a rescue disk
- * Privacy cleaner (history, cookies, cache)
- * Vulnerability scanner (System vulnerability registry)
- * File extraction
- * Application Activity (Process withdraw)
- * Network Activity
- * Virtual keyboard
- * Monitor (POP3, SMTP, IMAP, IMAP, NNTP)
- * Attachment file
- * Self defense
- * Report
- * Coriolis
- * Advanced UI
- * Advanced disinfection

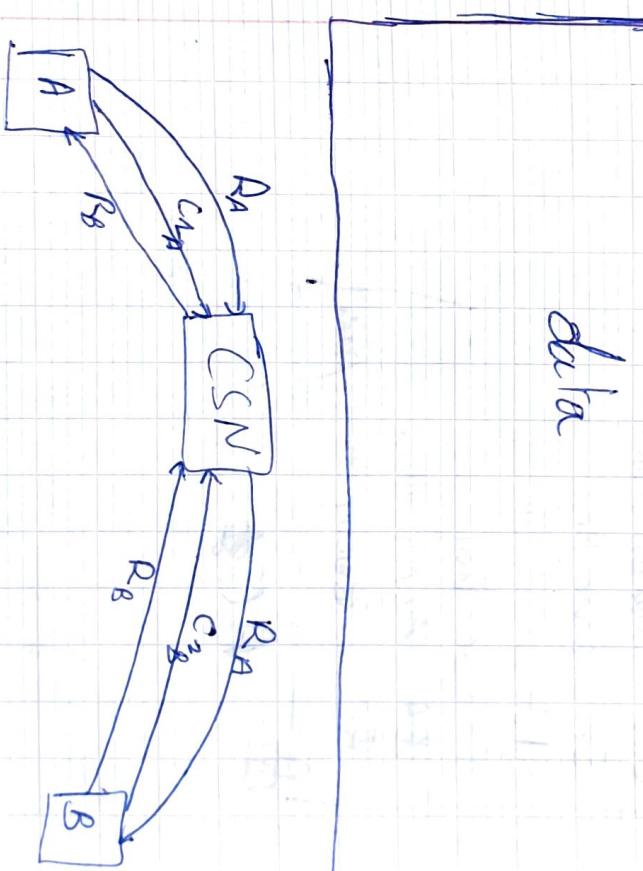
- * Defender ~~process free state~~
- * Virtual process
- * Inter process communication (UDP Client)
- * Disassembler
- * Heuristic engine
- * CRC check (cryptography)
- * Advanced options

25



七

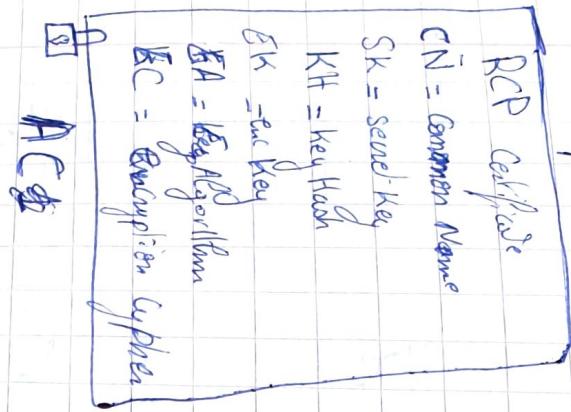
		Liberty		Byte	
SRC	DST	CRC32	Accept	Byte	Byte
Command 8 bytes	Time out	Encryption algo	Accept	1	1



C_{2A} : Connection / auf benötigtes RCP
 C_{2B} : Connection / zu Hause, fiktional RCP
 R_A : Reg / Resp RCP
 R_B : Reg / Resp : RCP

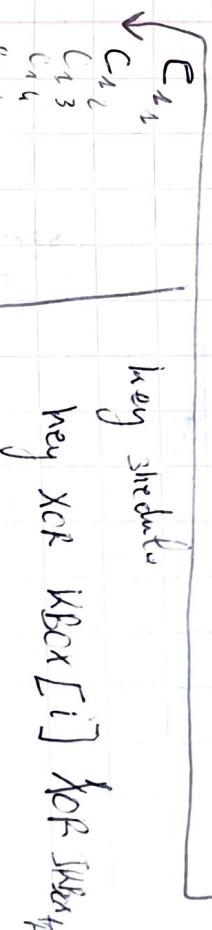
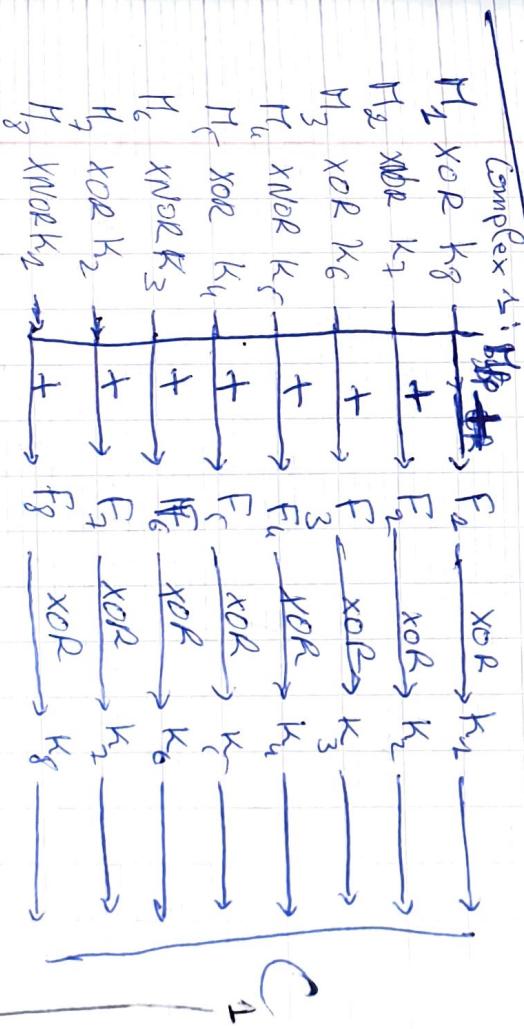
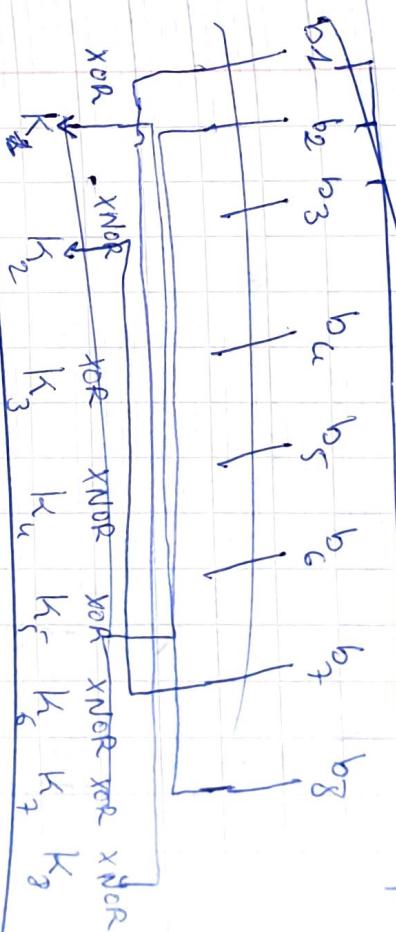
Connection

HTTP authentication



Ansible cipher Algorithm

H 8 bit



key schedule

key $\text{key}[i]$
key $\text{key}[j]$

$$a = 6$$

$$b = 11$$

$$p = 13$$

$$q = 17$$

$$A = g^a \bmod p = X$$

$$S = g^a \bmod p = SK$$

~~g mod p = y~~

$$(5^6 \bmod 23)^{15} \bmod 23 = (5^{18} \bmod 23)^5 \bmod 23$$

$$+ 1 \bmod 23 = g^a \bmod 23 = SK$$

$$PK = g^a$$

$$PBK = g^b$$

$$g^b$$

$$S = B^a \bmod p$$

$$S = A^b \bmod p$$

$$\begin{array}{c} \text{Alice} \xrightarrow{\text{choose } a} A = g^a \bmod p \xrightarrow{\text{choose } b} B \\ \text{Bob} \xrightarrow{\text{choose } b} B = g^b \bmod p \xrightarrow{\text{choose } a} A \end{array}$$

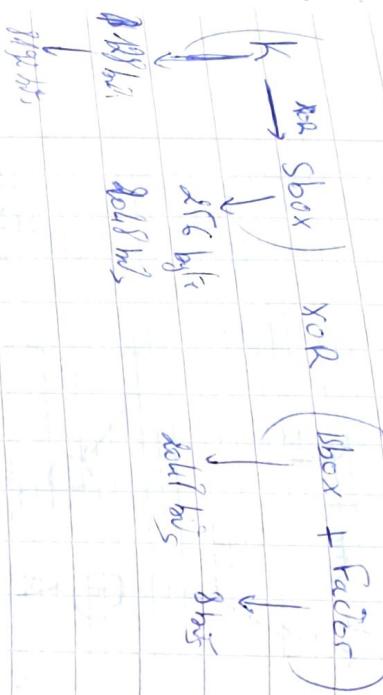
$$\begin{array}{c} \text{Alice} \xrightarrow{\text{choose } a} A = g^a \bmod p \xrightarrow{\text{choose } b} B \\ \text{Bob} \xrightarrow{\text{choose } b} B = g^b \bmod p \xrightarrow{\text{choose } a} A \end{array}$$

Cryptography

1000
6000
60000
200000
1000000

Kawpar
Soft Defense

key
Cinnabon



Implementation

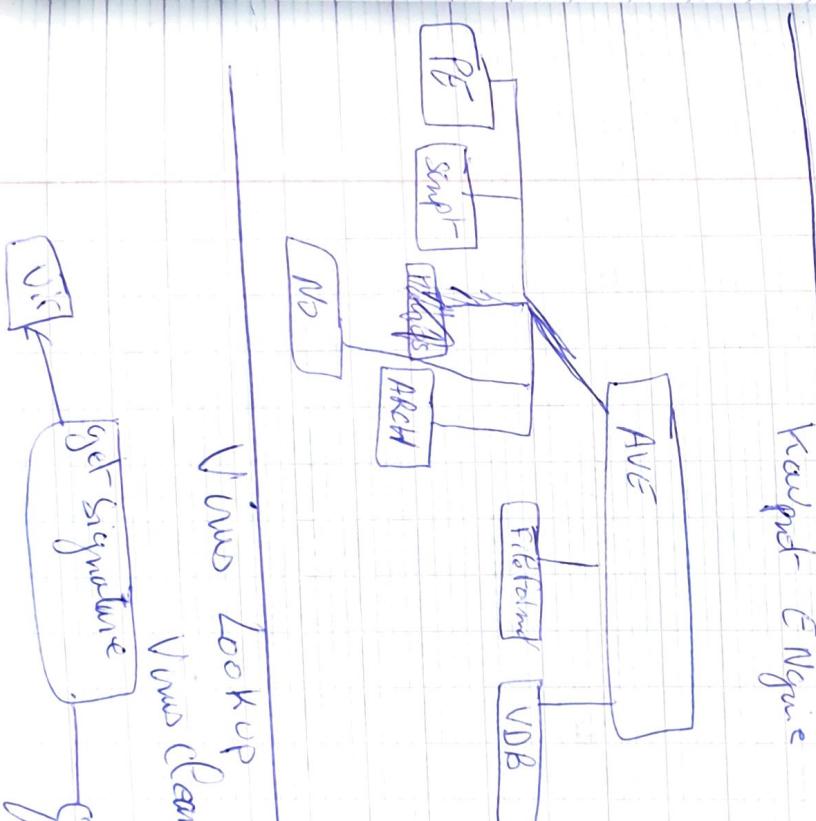
$$C = ((K_B M) + \text{Factor}) \times R \times K$$

Bijection (Index pairing)

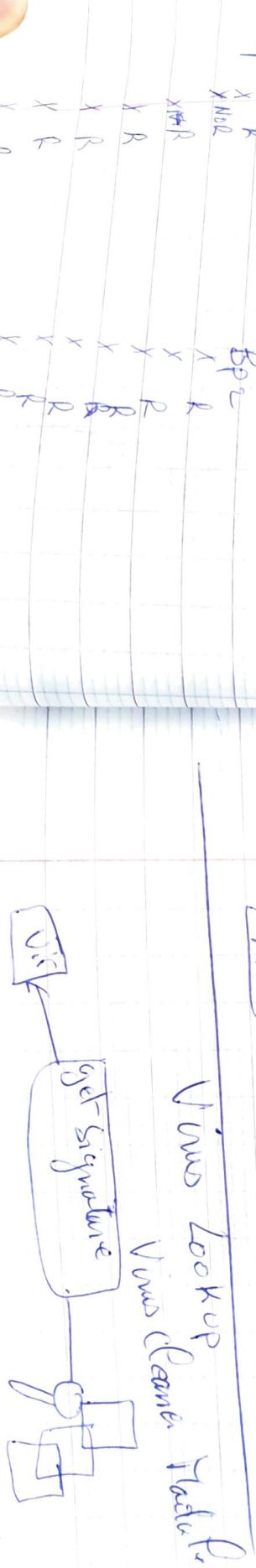
$$R = K \text{ xor } \left((K \text{ Bg } C) \text{ - False} \right)$$

Bp 1
X R
X NDL

X Bp 2
X R

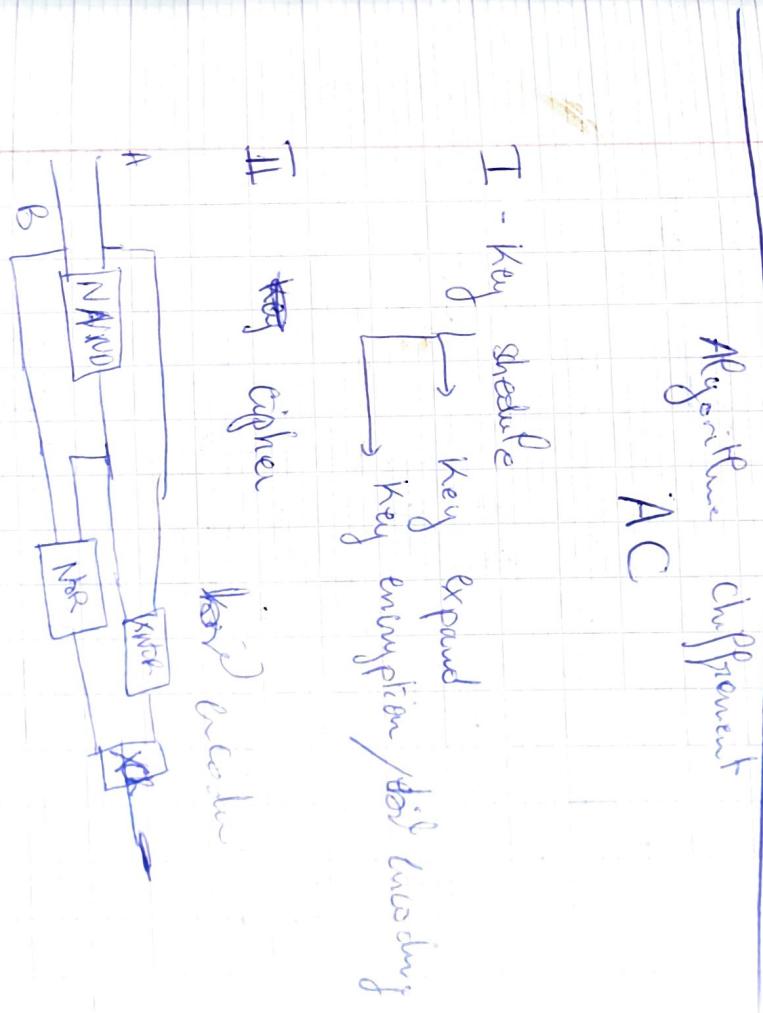
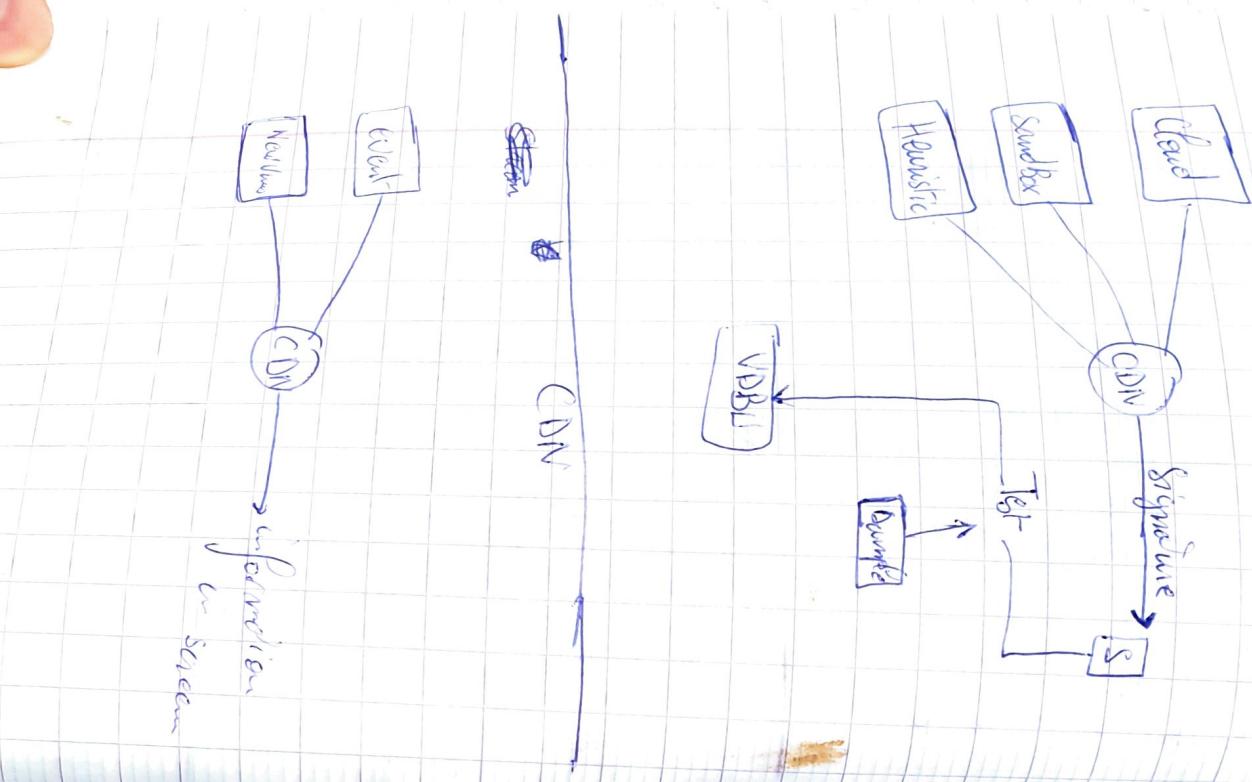


Kauai - C. Neuse



- * Protect files (config, log, sessions, MDB)
 - * Hash them (check signature)
 - * Protect-Process
 - * Protect from unwanted connections
 - * Log Monitor (malprod entries)
 - * Registry Monitor (malprod entries)

New def. under water Tech



CDN Context Rigged
order from controller

new file
private
public class

A - Key interface

B - Encapsulation

a block (1KB = 1024 bytes)

KeyTable



data dependent on key
as random sum of keys

key cascade cipher



key block

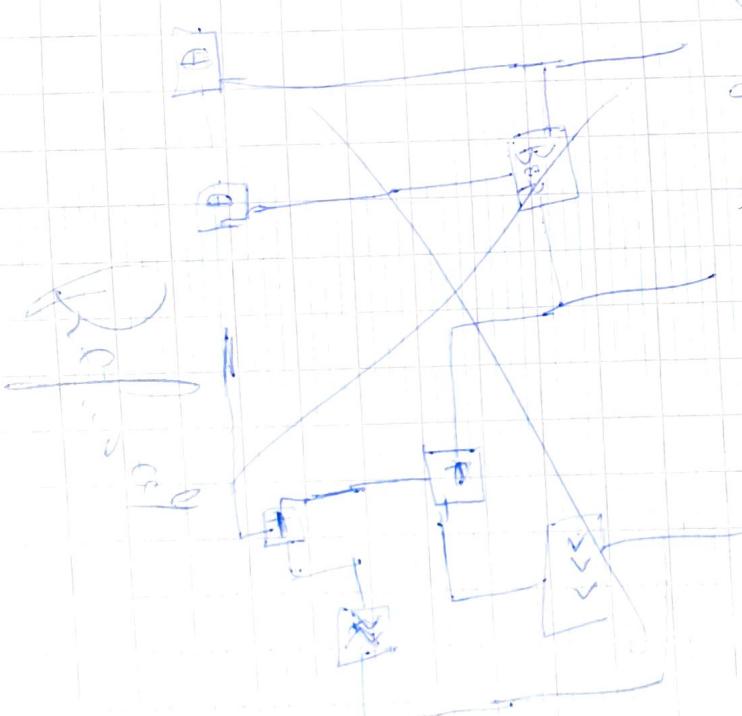
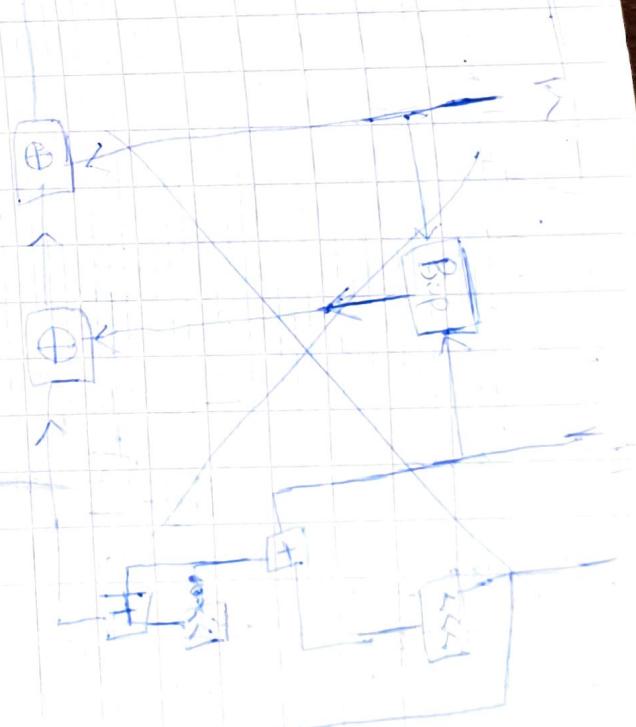
key block

key block

key block

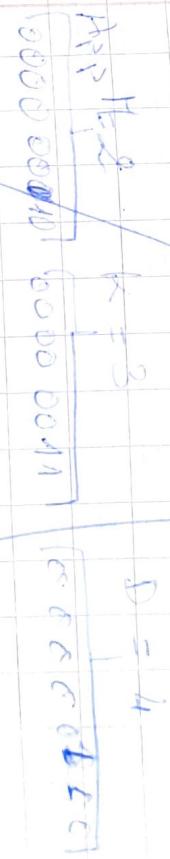


Decoder



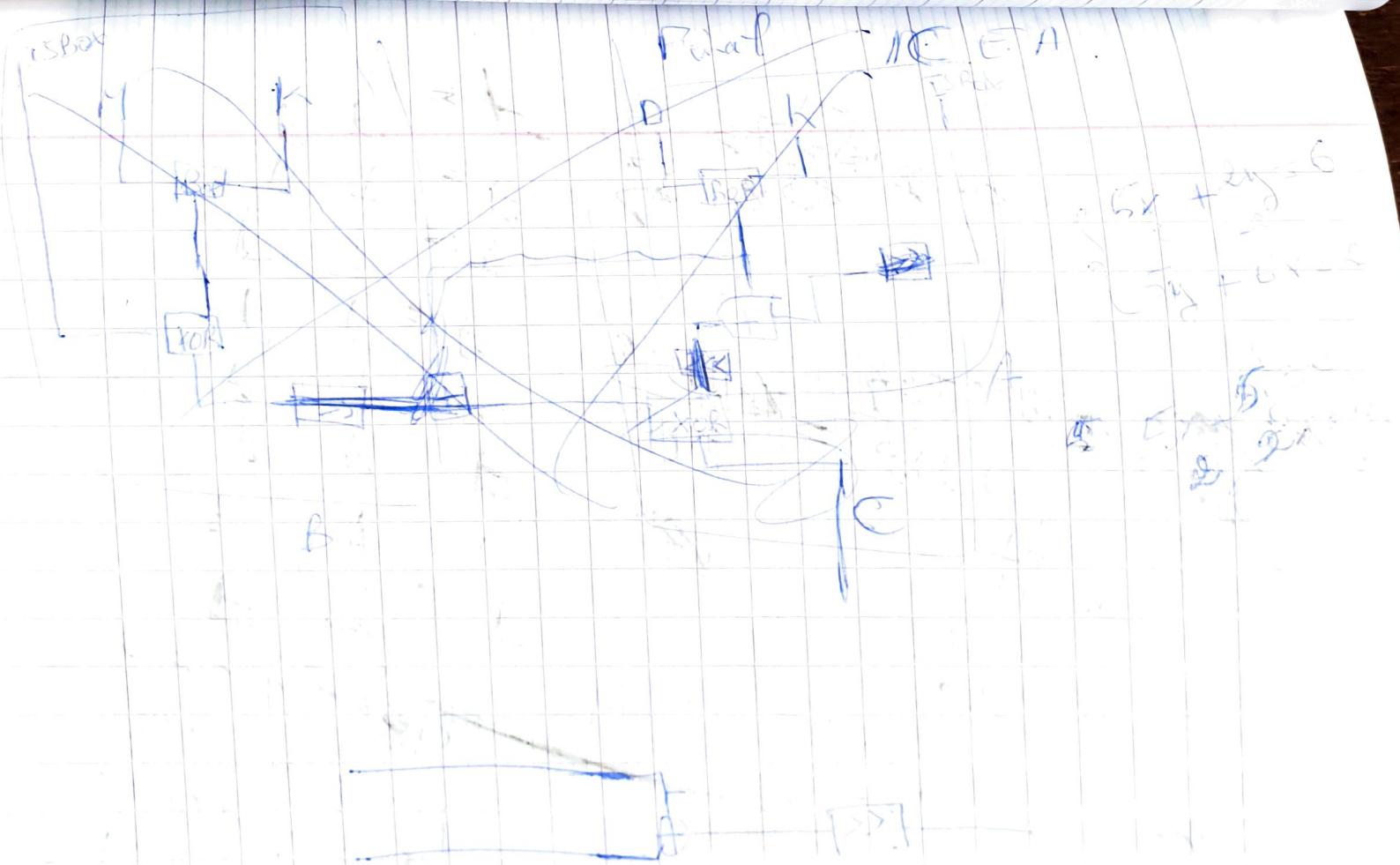
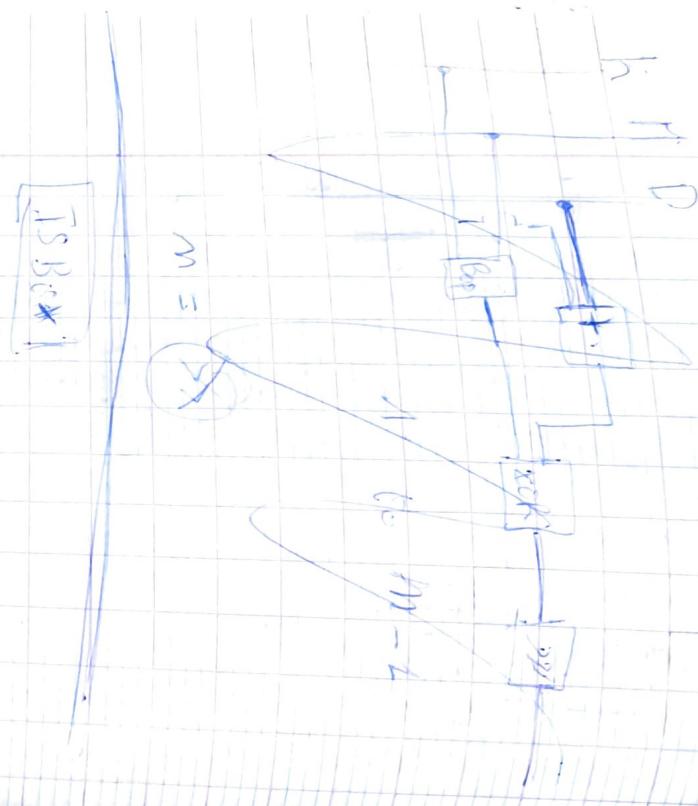
Refresher

Refresher



$$\begin{aligned}
 A &= (K \text{ AND } D) + (K \text{ AND } \bar{D}) \\
 B &= (\bar{K} \text{ AND } D) + (\bar{K} \text{ AND } \bar{D}) \\
 C &= A \text{ XOR } B \\
 D &= 4
 \end{aligned}$$

Below the equations, there is a note: "corrected".



$$16a - 26^2 = -6$$

$$2a - 13b = -1$$

$$a = -12 - 13b$$

$$\begin{array}{l} F \quad T = T \\ F \quad F = F \\ F \quad F = F \\ F \quad F = P \\ F \quad F = P \\ F \quad T \leq T \\ T \quad T = F \\ F \quad F \leq F \end{array}$$

6.93 i

$$2 = -1 + 3$$

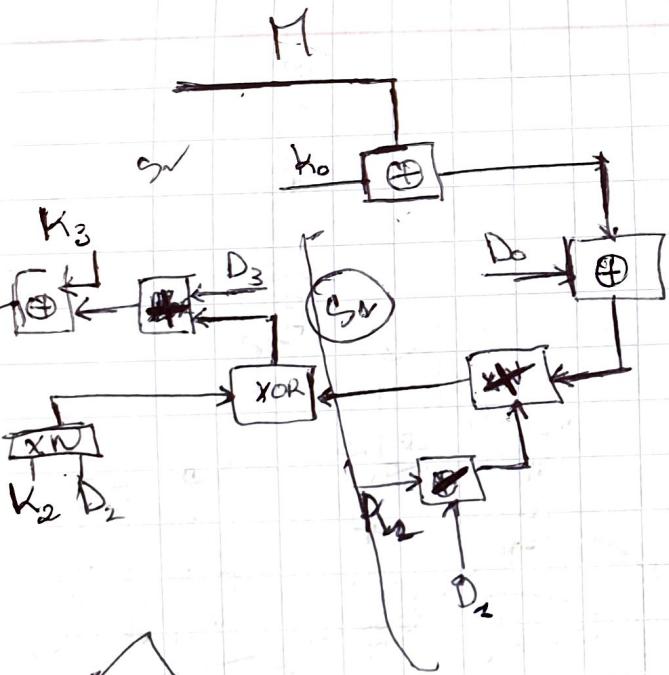
$$-2 = -3$$

$$\begin{array}{l} RF = R \\ RT = T \\ TF = T \\ TT = P \end{array}$$

$$\frac{286}{3 \cdot 10^7} = \frac{6536}{491 \cdot 10^7}$$

$$\frac{286}{491 \cdot 10^7} = 6536 \cdot 10^{-7}$$

$$\angle = 768^\circ \cdot 10^{-7}$$



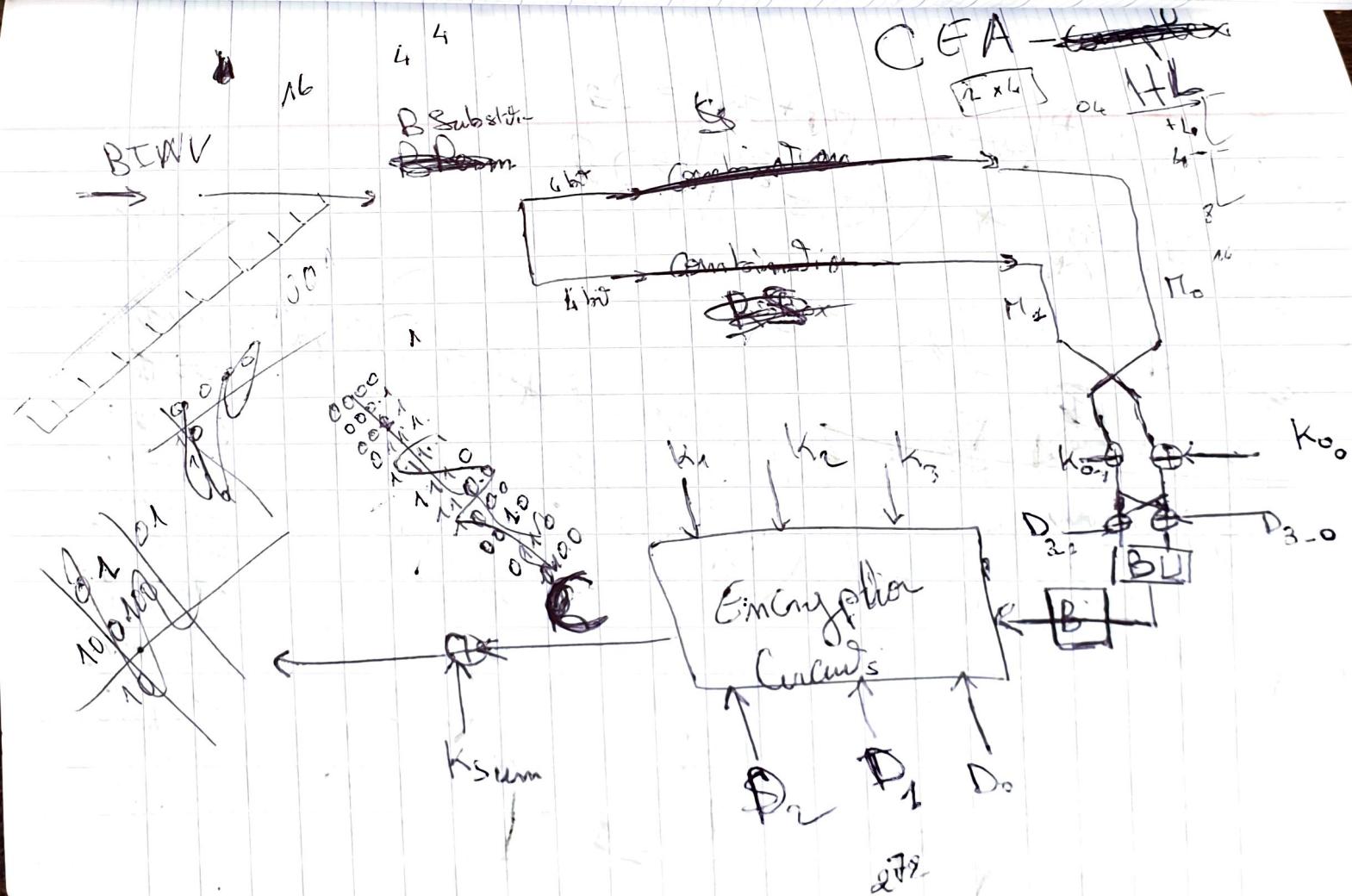
3 op / j

$$\begin{aligned} P &= 2^8 \times 2^8 \\ &= 2^{64} \end{aligned}$$

$$\begin{aligned} C &= ((H \oplus K_0) \oplus D_0) \times ((H \oplus K_1) \oplus D_1) \times ((H \oplus K_2) \oplus D_2) \times ((H \oplus K_3) \oplus D_3) \times \dots \times ((H \oplus K_n) \oplus D_n) \times \dots \times ((H \oplus K_m) \oplus D_m) \times \dots \times ((H \oplus K_p) \oplus D_p) \times \dots \times ((H \oplus K_q) \oplus D_q) \times \dots \times ((H \oplus K_r) \oplus D_r) \times \dots \times ((H \oplus K_s) \oplus D_s) \times \dots \times ((H \oplus K_t) \oplus D_t) \times \dots \times ((H \oplus K_u) \oplus D_u) \times \dots \times ((H \oplus K_v) \oplus D_v) \times \dots \times ((H \oplus K_w) \oplus D_w) \times \dots \times ((H \oplus K_x) \oplus D_x) \times \dots \times ((H \oplus K_y) \oplus D_y) \times \dots \times ((H \oplus K_z) \oplus D_z) \end{aligned}$$

$$14(-3 + 13\%) - 26b = -6$$

$$\begin{array}{rcl} & \cancel{14a - 6b} \\ \cancel{a + 3b} & + & \cancel{13b} \\ \hline & & = -16 \end{array}$$



0000
 0001
 0010
 0011
 0100
 0101
 0110
 0111
 1000
 1001
 1010
 1011
 1100
 1101
 1110

$$32 \times 1 K = \frac{K_S E(k, s)}{B} \oplus S_i \oplus M_S$$

$$\text{Def} \quad K_S = \sum_{i=0}^B k_i$$

$$B = \text{Block size}$$

$$\text{length of } K$$

$$K_{SP} = K_S + \sum_{i=0}^B k_i$$

$$Y = K_S / 16$$

$$G = S_i(P_S) \quad X = K_S \bmod 16$$

$$x_2 + D_2 + k_2 = SB[(M - X)]$$

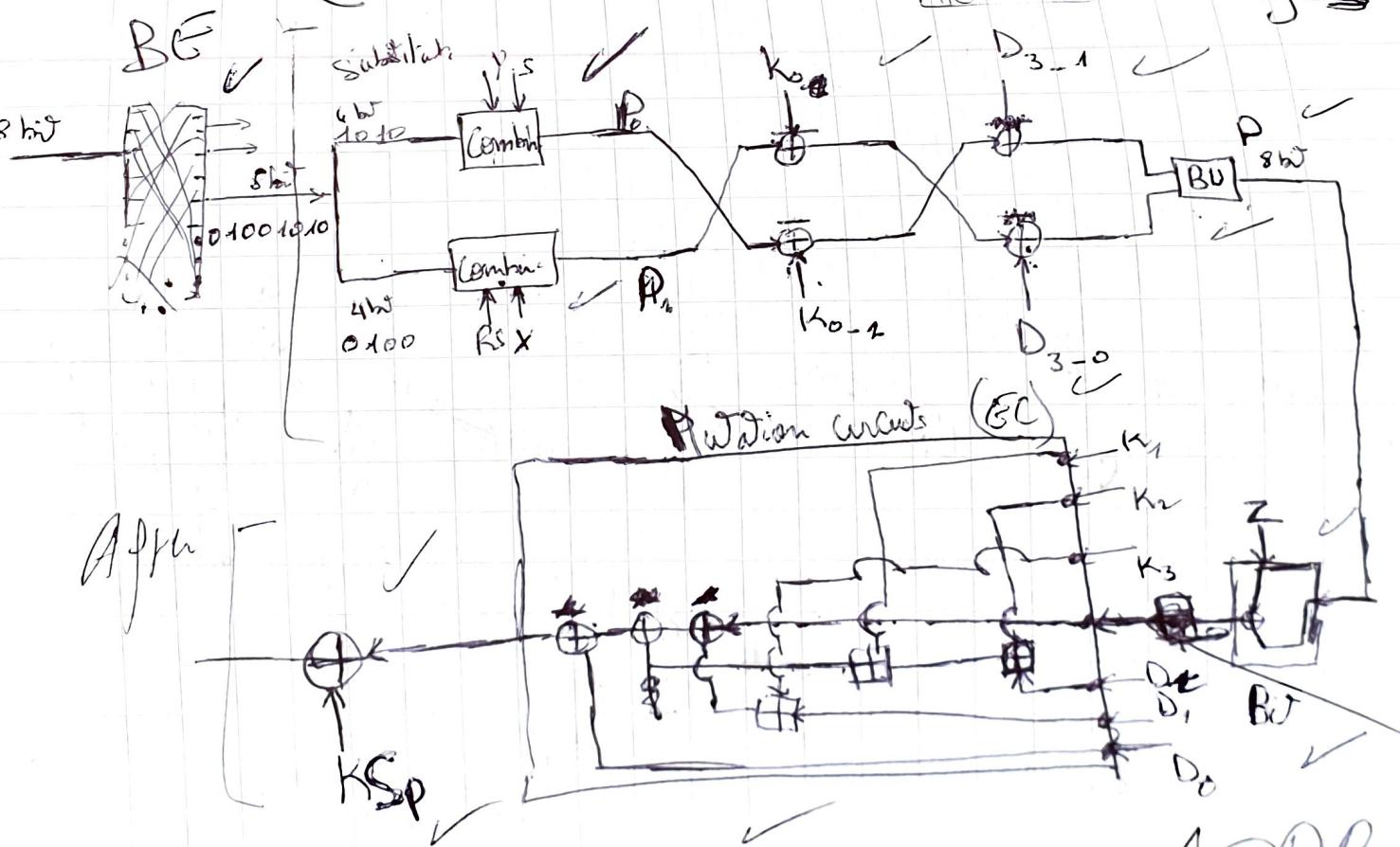
$$H = (C \oplus D_0)$$

$$Z = SB[(Y + X)] \oplus (P_A)$$

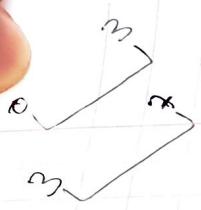
$$EC = (K_S \oplus D_2) * (M - D_0)$$

$$EC = (x_2 + D_2 + k_2) \oplus P \oplus (D_2 + K_S)$$

CEA - HLE



FPP Board



$$A \left\{ \begin{array}{l} g=6 \\ a=2^5 \\ p=287 \end{array} \right.$$

$$\left\{ \begin{array}{l} g=6 \\ a=2^5 \\ p=287 \end{array} \right.$$

$$S = 0 \pmod{2^7 = 0}$$

~~$$16^u = 6 \pmod{2^7}$$~~

$$A = 6 \pmod{2^7 = 0}$$

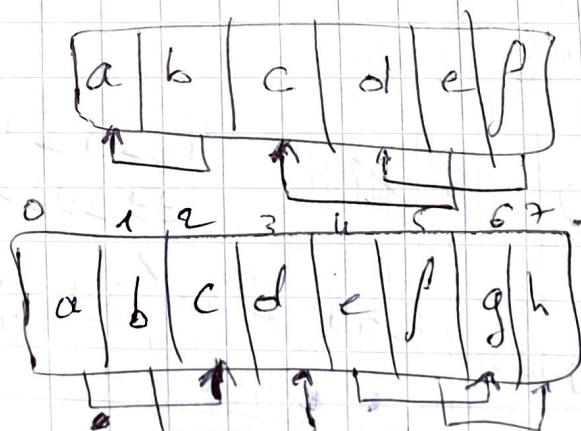
$$6^2 \pmod{2^7 = 0}$$

$$S = 0 \pmod{2^7 = 0}$$

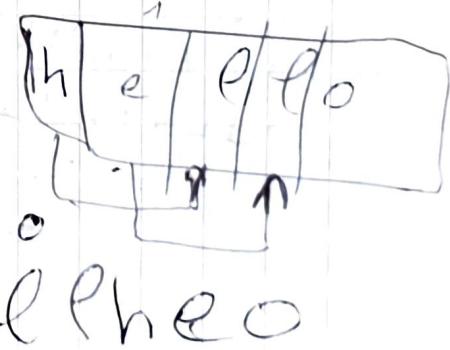
CFA
Example



C - 3210



$$\begin{array}{l} 0 \rightarrow 2 \\ 1 \rightarrow 3 \\ 4 \rightarrow 6 \\ 5 \rightarrow 7 \end{array}$$



$$\underline{P} = 104$$

Split + combine
FFT

$$\text{S: } P[J] = \text{FFFFTTFF} \quad P[GJ] = \text{FFFFTTFFTT}$$

$$C: \text{a propose limit unit, } \Delta t = 100$$

KOES = FFT FFT FFT / D

~~EE~~ EE

$$P(F) = TTTTTF$$

P. 10

Or PES

$$P = 10^4$$

$$EC : P = 2 : 3$$

$$P = 134$$

$$\left| \begin{array}{l} K_2 = 195, D_2 = 99 \\ K_{11} = 13.1, K_{22} = 204 \\ D_0 = 97, k_{SP} = 123 \end{array} \right.$$

C = 134

$$\text{EE} : C = 253$$

$$EC = C =$$

$$G : \mathbb{C} = 2^{\mathbb{N}}$$

$$G = 10^7$$

~~Q-80 = TTFFTTFF~~

E. IT-TE TFTTFTFF

~~P : C = FFFTTTFF~~

$\begin{array}{r} 134 \\ 175 \\ 103 \\ 175 \\ 152 \end{array}$		$\begin{array}{r} 103 \\ 175 \\ 134 \\ 175 \\ 152 \end{array}$
--	---	--

$$P_{\text{ET}} = \left(\frac{P_{\text{ET}}}{P_{\text{ET}}^{\text{ref}}} \right) * A(\lambda) * B(\lambda)$$

$$= 2^{32} x 2^{32} x 2^8 x 2^8 + 2^8 x 2^8$$

Mg^{2+} MgO
 K_2O K_2SO_4
 CaO CaCO_3

Raw Materials

P. (C.)

P. (D.)

Plant A

Raw Materials

P. (C.)

P. (C.)

Plant A

Raw Materials

P. (C.)

P. (C.)

Plant A

Raw Materials

P. (C.)

P. (C.)

Raw Materials

P. (D.)

P. (D.)

Plant B

Raw Materials

P. (D.)

P. (D.)

Plant B

Raw Materials

P. (D.)

P. (D.)

P. (C.)

P. (D.)

KSN required

Bus

Colation length	Source	KED
100	Other data	

T

Impaired with CEA

$$15/0^3/2080$$

$$\left(\frac{5 \times 21 + 12}{12} \right) \mod 7 + TH = 5 \times 20 + \frac{12}{4} \mod 7 + TH = 100 + 4 \mod 7 + TH = 104 \mod 7 + TH = 104 \mod 7 + TH = 104$$

$$\left(\frac{12}{12} + 12 \mod 7 + \frac{12}{12} \right) \mod 7 + TH = 1 + 0 + 0 \mod 7 + TH = 1$$

$$\left(5x21 + \frac{12}{4} \right) \mod 7 + TH = 1.7$$

A = T using

$$(4+2+0) \cdot 7 \cdot 6$$

$$A = \left(5c + \left(\frac{c-1}{u-1} \right) \mod 7 + TH \right)$$

$$D = \left(\frac{5}{12} \cdot 12 + 1.12 + \frac{5 \cdot 12}{u} \right) \mod 7 + TH$$

$$TH \\ A = \left(50 + \left[\frac{49}{4} \right] \right) \mod 7 + TH = 50 + 12 = 62$$

$$D = \left(\frac{95}{12} + (95 \cdot 12) + \frac{95 \cdot 12}{u} \right) \mod 7 + TH$$

50%
2

$$A = \left(21 + \frac{5}{u} + \frac{20}{u} \right) \cdot T + T + \frac{1}{u} + 5 + TH = \boxed{T}$$

$$110 \cdot \frac{1}{u} \cdot 3 \frac{1}{u} + 5 + TH = \boxed{T}$$

$$1000 = 1966$$

$$D: \left(\frac{66}{5} + 6 + 2 \right) \cdot T + w =$$

$$5 + w = \boxed{H}$$

1995

$$\left[\frac{95}{u} + 86 \cdot 12 + \frac{85 \cdot 12}{u} \right] \cdot T + w$$

$$\left(\frac{95}{u} + 11 + 2 \right) \cdot T + w = 20 \cdot T + w = 6 + w = \boxed{T}$$

8000

$$D = \frac{8}{u} + 0 \cdot 12 + 0 \cdot \frac{12}{u} \neq T + \boxed{T} = T$$

2007

$$D = \left(\frac{f}{u} + 7 \cdot 12 + \frac{f \cdot 12}{u} \right) \cdot T + T$$

$$2 \cdot w \cancel{\frac{3}{u}} + \cancel{\frac{1}{u}} = T$$

$$\cancel{\frac{3}{u}} \cancel{\frac{1}{u}} \quad \cancel{\frac{3}{u}} \cancel{\frac{1}{u}}$$

$$w \cancel{\frac{3}{u}} / \cancel{\frac{1}{u}} = T$$

$$\cancel{\frac{3}{u}} \cancel{\frac{1}{u}} \quad \cancel{\frac{3}{u}} \cancel{\frac{1}{u}}$$

$$D = \left(\frac{100}{u} + 12 \cdot 12 + \frac{12 \cdot 12}{u} \right) \cdot T + T = \boxed{T}$$

$$w \cancel{\frac{100}{u}} / \cancel{\frac{1}{u}} = T$$

$\Delta \rightarrow w$

Given $w = 100 / 12$

$d_u \rightarrow \boxed{T}$

1	2	3	4	5	6	7	8	9	10	11
2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8	9	10	11	12	13
4	5	6	7	8	9	10	11	12	13	14
5	6	7	8	9	10	11	12	13	14	15

Done

$$D = \left(\frac{f}{u} + 3 \cdot 12 + \frac{3 \cdot 12}{u} \right) \cdot T + T + \left(\left(5c + \frac{c-1}{u} \right) \cdot T + TH \right)$$

$$2 + \cancel{\frac{3}{u}} \cancel{\frac{1}{u}} + \cancel{\frac{3}{u}} \cancel{\frac{1}{u}} \cdot T + T + \cancel{\left(\left(5c + \frac{c-1}{u} \right) \cdot T + TH \right)}$$

$$\left(\sum_{u=1}^{\infty} + \left(5 \cdot 12 + \frac{c-1}{u} \right) \cdot T + \cancel{\left(\left(5c + \frac{c-1}{u} \right) \cdot T + TH \right)} \right)$$

$$\left((c + 5 + 1) \cdot T + \cancel{\left(5c + \frac{c-1}{u} \right) \cdot T} + \boxed{TH} \right)$$

~~Done~~ TH

Karprot

Review

ABC
12390

RG/R
Thermistor
Motor
3 LED

Led

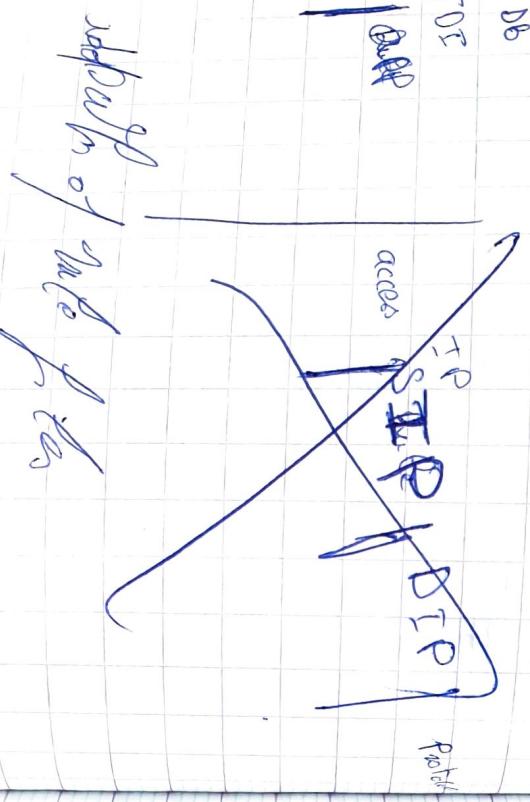
Karprot

Home Security

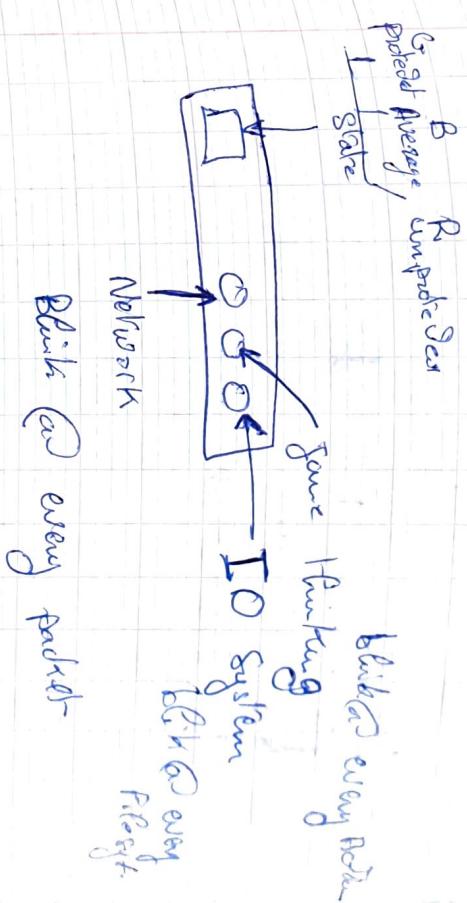
- ~~• Add IP rules~~ ✓
- add TDI rules ✓
- Remove TDT Rules
- Notification
- Log
- Print

- Driver communication, Service communication
- Service control ✓
- Service Repair ✓
- Settle the rules ✓

- a Log
- a Notification
- a Print
- a Settle the rules



output of both of them



Motor activated

when temperature

is 28° and more

DB
Tables TDI access

Prerequisites

Skills

Web Protection

Safe browsing

Filter URL

Script Filter

Post Filter

Network Protection

Packet Filter

Transmission Control

Firewall

Manage Application Network access

Filter packets

File System Protection

HIPS

File System Monitor

Drive Monitor

Drive protection

Registry protection

Comodo Security

System protection

Roll Back (automated actions)

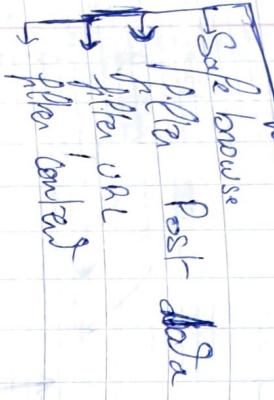
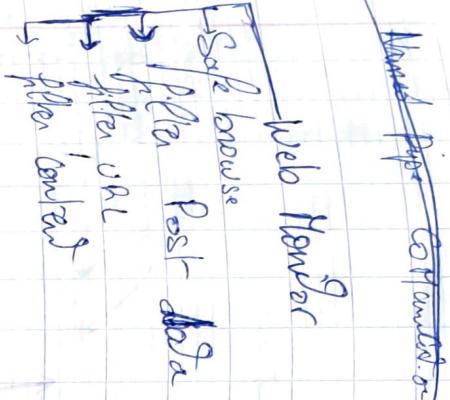
Backup

Encryption

Rescue disk

Post-Install P.R.

Karjoram Smart Security



Engines

Scenarios: PE Archive, Hash, Script, No ↗

Removal ↗

→ delete ↗
→ Lepria ↗
→ Quarantine ↗

Decompression ↗

Failure

→ RUE

→ KAS (Junc)

→ Karpot ~~Automan~~: Handover ↗

→

→ Malware analysis ↗

→ Cloud ↗

→ Virtual Keyboard ↗

→ Safe browser ↗

→ Fack book ↗

→ Antivirus ↗

→ Hardware Control ↗

→ Itemistic engine ↗

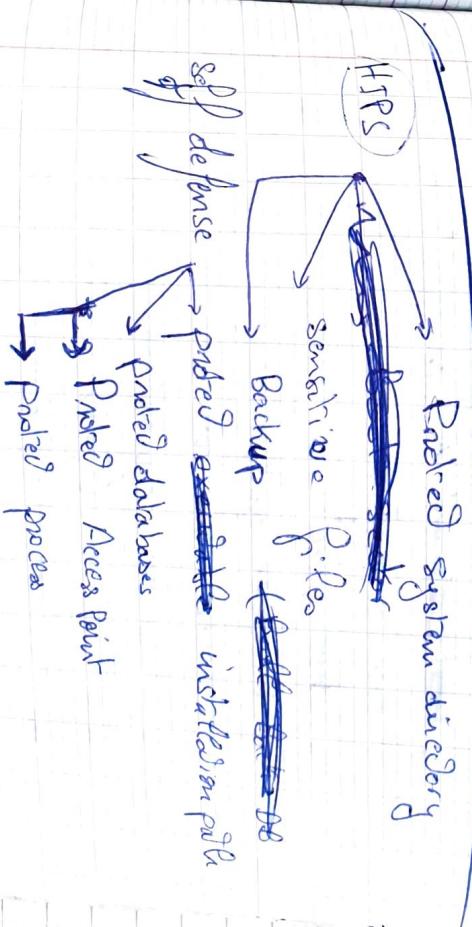
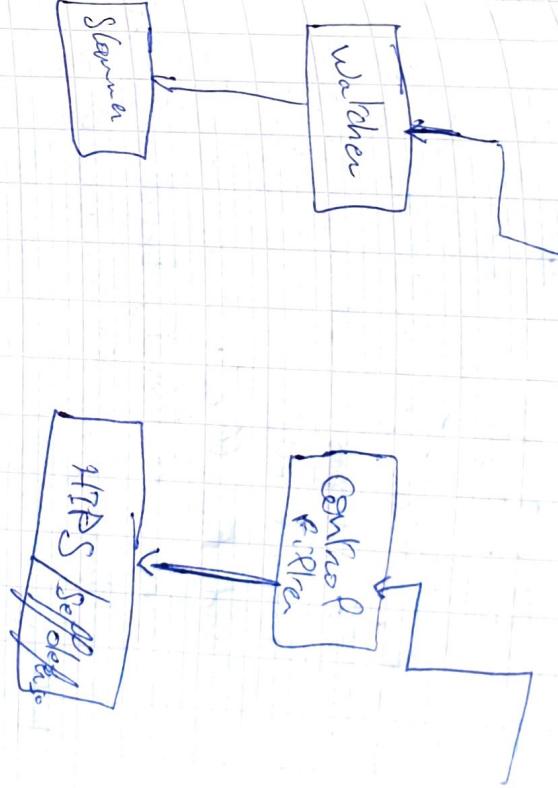
Remote connection
→ Print protection / ~~Remote~~ Biometric Scanner / Locker

→ Parental control
→ Log ↗
→ sand box ↗

Kuwait Repair Steps

- 1) Build the engine
- 2) Rebuild bases
- 3) component's ~~is~~ is of (AWE MAT)
- 4) GUI
- 5) optimize
- 6) check and verify
- 7) test

File System Handler



GLS:

complete hair
complete program
complete forms

essential → AVP contract, Firewall contract

KAVÖ: Repair Firewall eives Settings Manager Default

add Firewall rule Form

check all (Voice, Properties) → add Antivirusscanner
optimizing, complete Kaupdr Device

KATI:

Speech synthesis/recognition
→ AT conversion via speech

- Face recognition
Action Director

- Handwriting control

- System Control
Solve Equations

- Search wikipedia

- Sensors → pos/neg

- Score engine (probabilistic)

- Geographict Access point Helper

- Random Question asking -? GAPH

Additional question
synchronized with conversation
{
↳ solving if scene ⇒ pos answer
↳ if unsure → neg answer

Command controlled system

Kaupdr

Fill databases

* add tables

* add ATTS, toner, etc.

* reuse common config files

* add acquired libs

* add KCSN to Kaupdr

* create subdirectories

* add Kaupdr CTD, Kaupdr cloud, etc.

* Kaupdr update

* start Kaupdr through

* last first detected

* Miss Classify Agent

* Kaupdr Child agent

* KPT service

Self test course

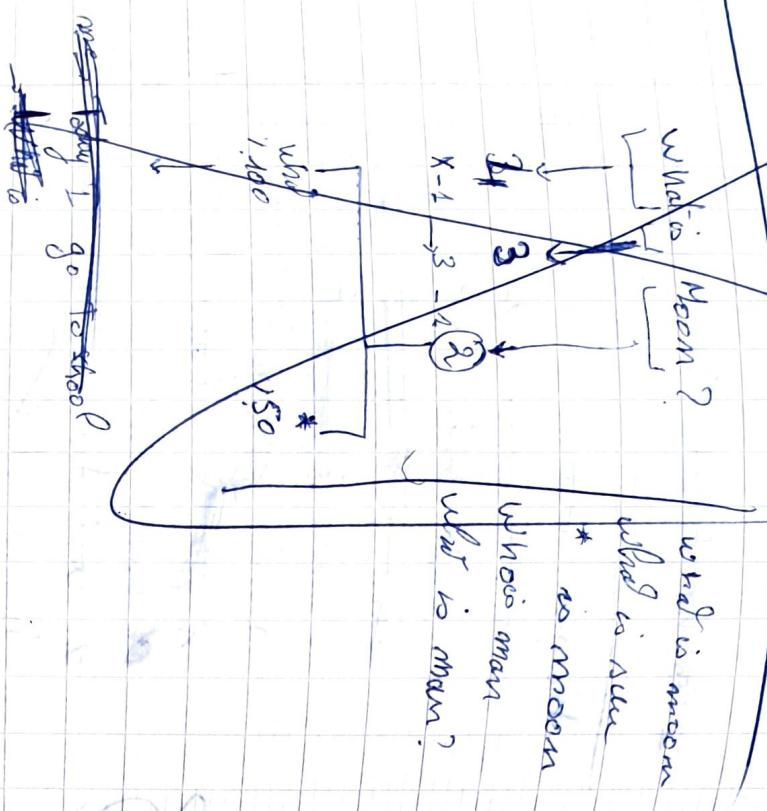
Finding DB

DB

what



a) searching (good min 5 000 000
db (charly, fast db)



What is CPU

→ check
→ answer
→ already
→ no answer

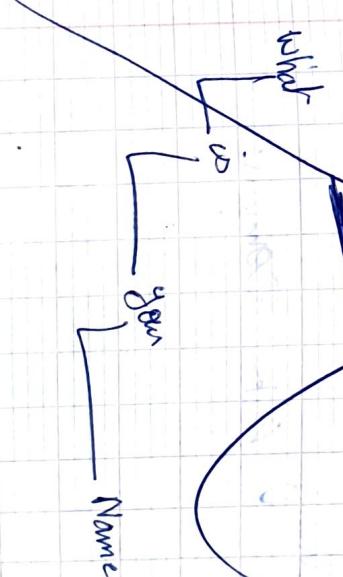
Learn from user

Learn directly
discuss learning

answer
is not what

User input → transform → sentence → words
+ lookup probability → choose best process

→ answer



What

is

your

Name

Afisensoft Agent



- o Remote control
- o Hardware control
- o ~~char~~ char
- o System control
- o IO control
- o Monitor / F.R.P.
- o Task Planning
- o ~~lock~~ Lock Computer

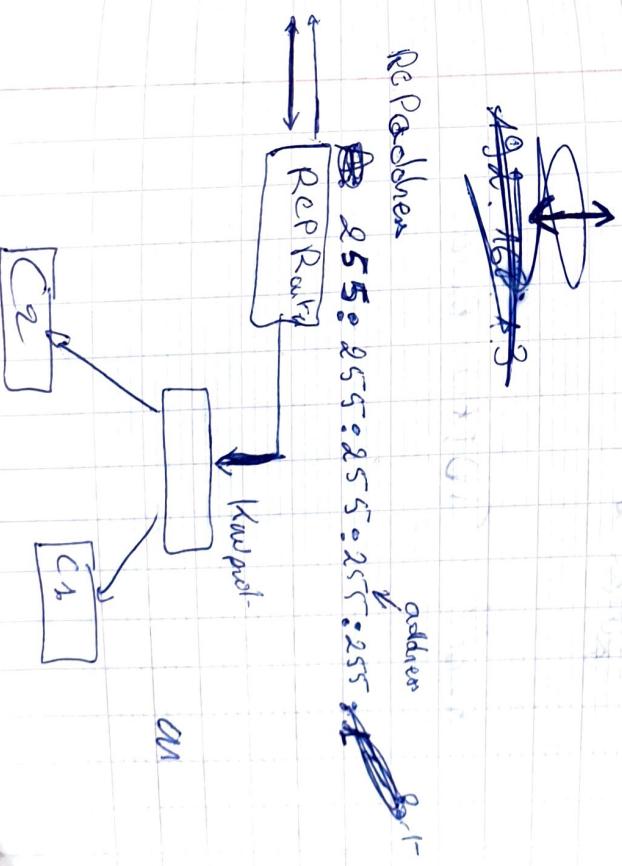
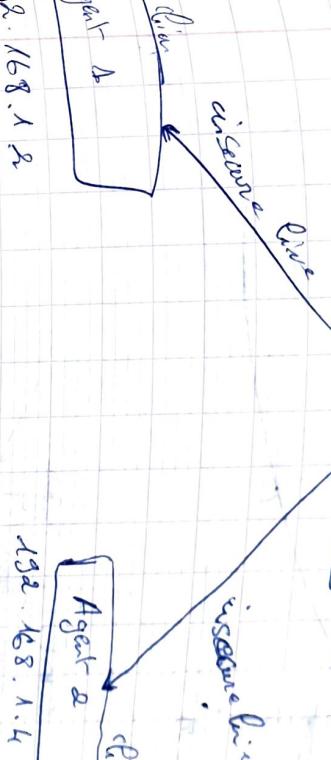
Kwipol RCP serial
192.168.1.3

Kwipol-AV

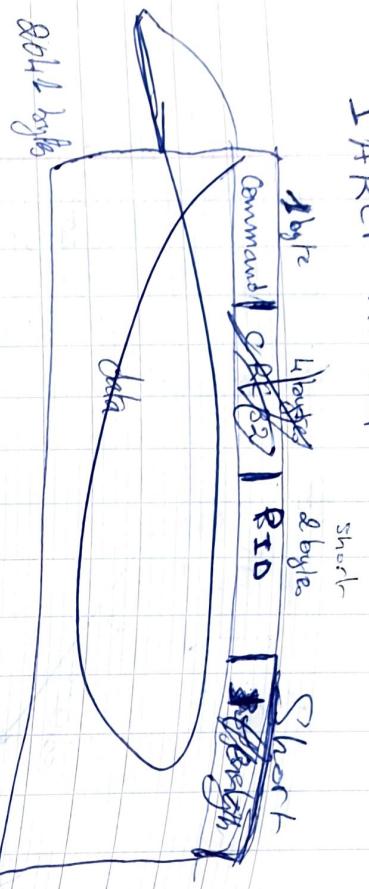
Server

Agent 1
192.168.1.2

Agent 2
192.168.1.4



TARC P



install TDFU earlier

RR of System how to
get your

rules

JOB

APE

viewwall

obj

Net

how to

who

how to

viewwall

Test
File system monitor
Monitor

AN6

Trigida

file
Scanner

File
Format

Script
Macro

Ans

PE
MACH

PEDB

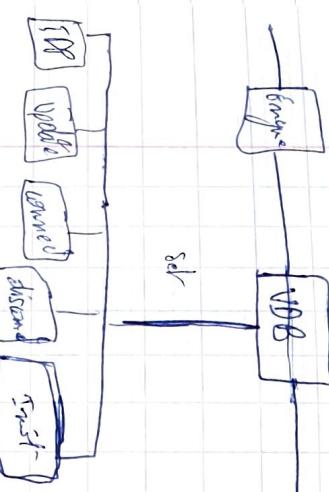
WDB

gdb

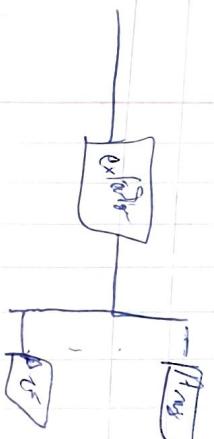
gdb

gef
gef

sdb
gef



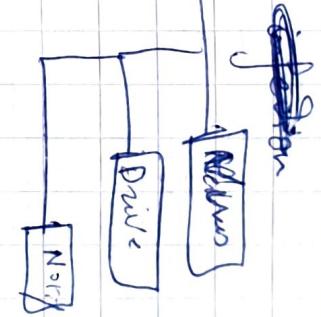
File Format



To WDB

Secondary
Base Tools

Activation

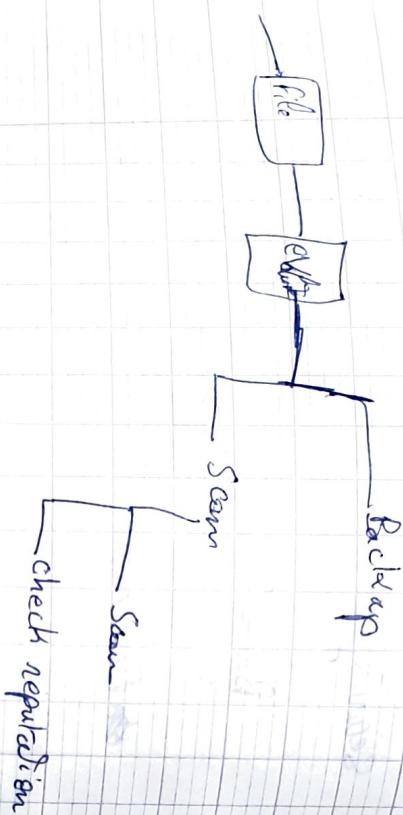


~~APAK~~

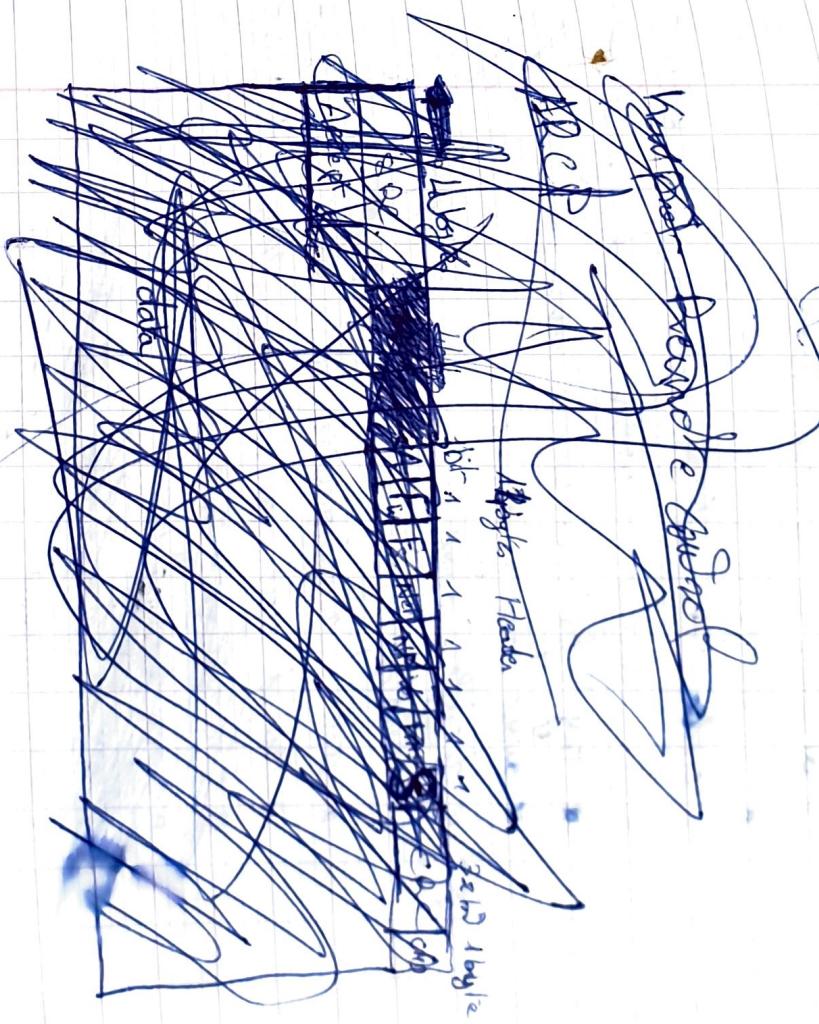
Base

May 9

NH Good
WH copied
Friedell copied
Dicks Var. copied



add halford ver:



12867230

- a first run intro
- a accelerate start up

- a fix Escofilin
crash Firewall Driver (configure it)

- a fix closing (windows shutdown)
try to fix GUI checkbox

- a avoid memory leaks

- disable every crash log in the directory
and report the most important ones.

- a start activation center URL on activation

- a Help! Voice On New Firewall Denied

- a emergency button
- a contact of disk.

- a Scan command

- a helped ~~by~~ Use no danger procedure
- a Karpit Home Surveillance

- a half port Sensor alerts remove

- a You offline KA, WH

- a check VRPS

- a Learn Button for VRPS

KUD

now just use in danger

~~alarm~~ ~~alarm~~ ~~alarm~~

~~alarm~~ ~~alarm~~ ~~alarm~~
a decline alert
a send SMS to preferred person

~~alarm~~

~~alarm~~ Motion detected

~~alarm~~

alarm

Surveillance

Kwarpd - Remote Control

	Description	Usage
RECO TEXT	recognize text	text
VCMD TEXT	voice command text	
EJIPASHB	execute JWP arm	arm code
EJUPINST	execute JV instance	
SHUTDOWN	time seconds	
REBOOTPC	time seconds	
ABOR SHUT	null	
EJECTDVD	drive letter	
DEVICEID	device name	
DEVICES	device name	
SCANPATH	path	
FASTSCAN	null	
FULL SCAN	null	
WIKIREDI	lang prefix, content	
SENDSMS	text, para, number, msg	
EVALEXPR	expression	
SOLVPOLY	array, array, array, array	
SOLVLINE	array, array, array	

Hello How are you

Hello

$$D = \frac{Y}{12} + Y \cdot 12 + \frac{Y \cdot 12}{12} \cdot T + d$$

$$d = 5x + \frac{X-1}{U} \cdot T + TH$$

$$\textcircled{1}$$

$$d = 5x \cdot 16 + \frac{15}{12} \cdot T + TH$$

$$\textcircled{2}$$

$$d = (80 + 3) \cdot \frac{15}{12} + TH = 83 \cdot T + TH = \textcircled{1} + TH = \textcircled{2}$$

$$D = \frac{6U}{12} + 6u \cdot 12 + \frac{64 \cdot 12}{12} \cdot T + T$$

$$D(5+4+4) \cdot 12 + T = 3 + T = TH$$

11/09/2001

$$\frac{5}{12} \left| \begin{array}{l} 28/12 \\ 9 \\ 6 \\ 11 \\ 8 \\ 5 \\ 70 \\ 72 \end{array} \right| \geq \left\{ \begin{array}{l} u \\ g \\ C \\ 11 \\ 8 \\ 5 \\ 70 \\ 72 \end{array} \right\}$$

SOLVLINE

array, array, array

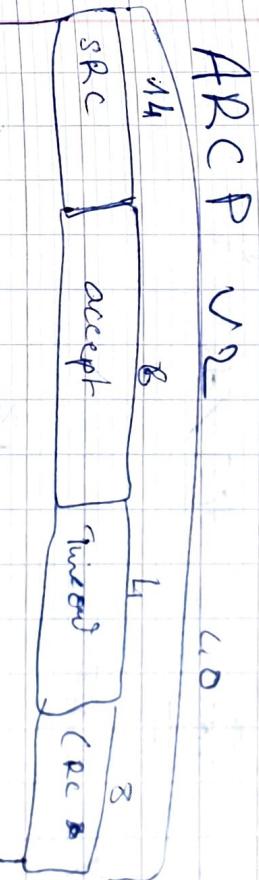
array, array, array

array, array, array

Fürst der Schreiber

ARCP V2

remove base 66



dca

The image shows two sets of handwritten notes in blue ink on white, lined paper. The top set of notes consists of several large, stylized letters and symbols, including 'S', 'L', 'R', 'T', 'C', and 'G'. The bottom set of notes is more continuous and appears to be a single, long, flowing sentence or a series of related thoughts, starting with 'I' and ending with 'G'. The handwriting is fluid and expressive.

Reopen-life-lab

C/T

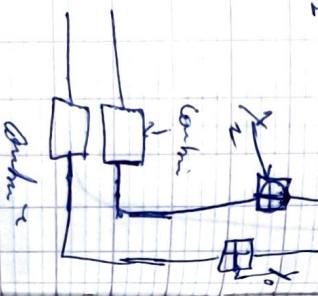
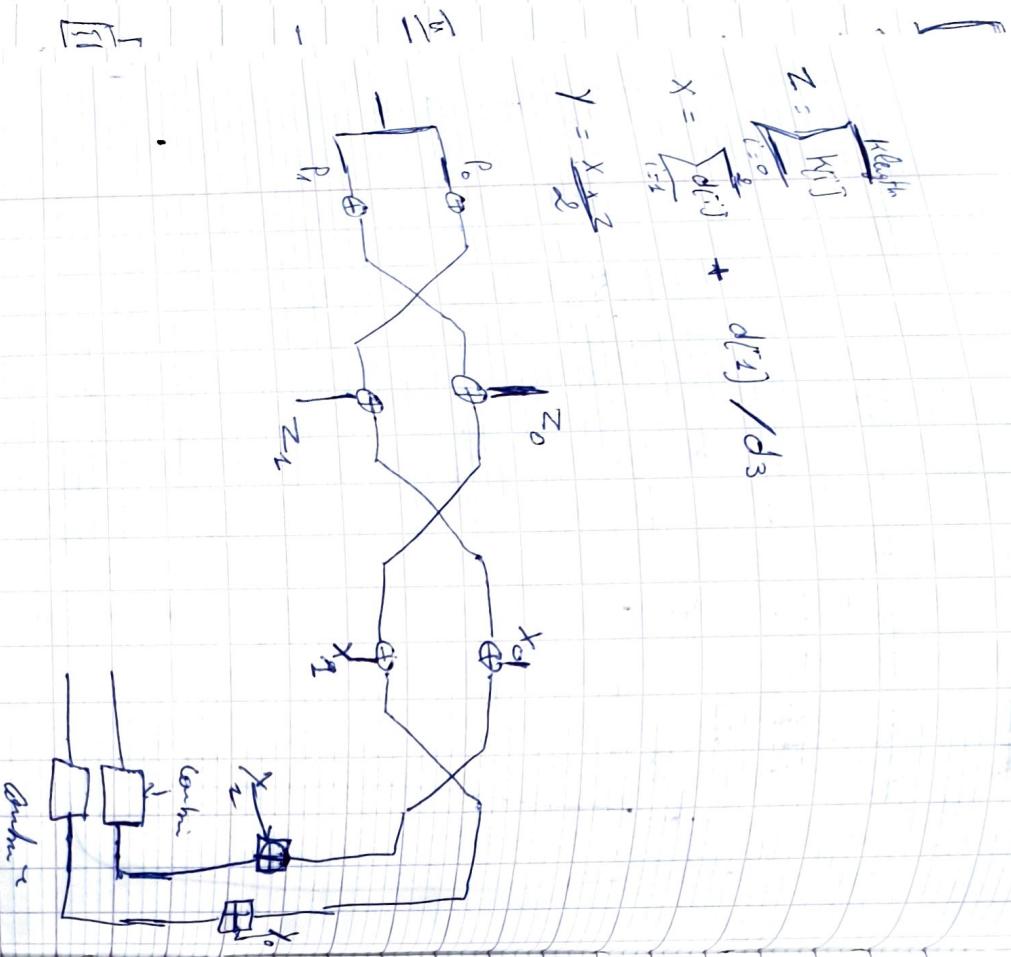
10. $\frac{dy}{dx} = \frac{dy}{dt} \cdot \frac{dt}{dx}$

d. whole exception

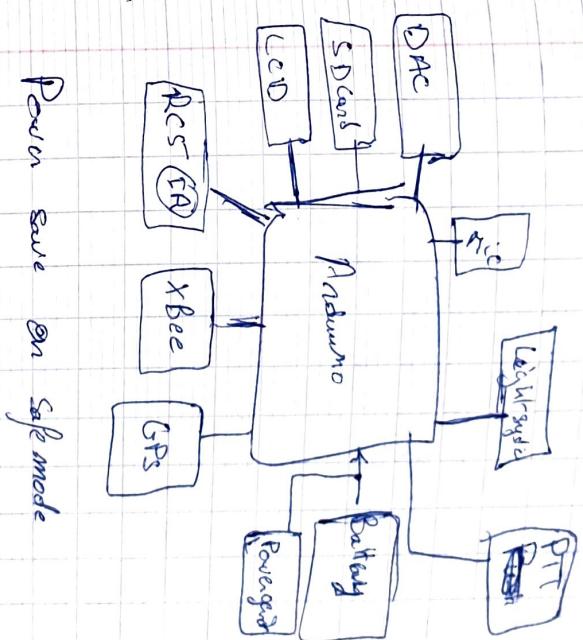
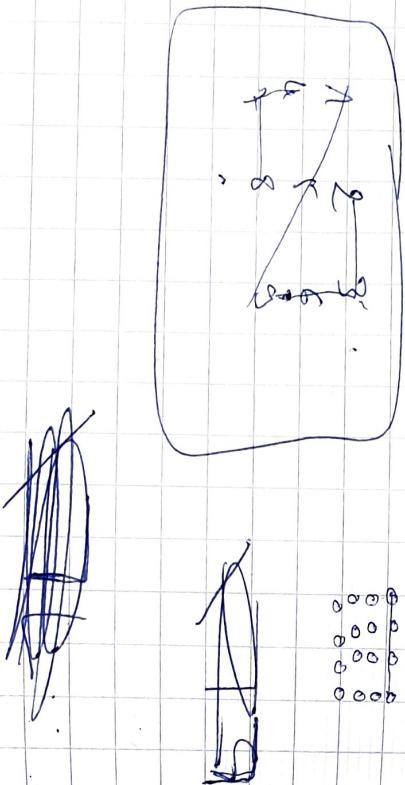
die Reparatur der KRC Server
der Trennung mit dem Kunden

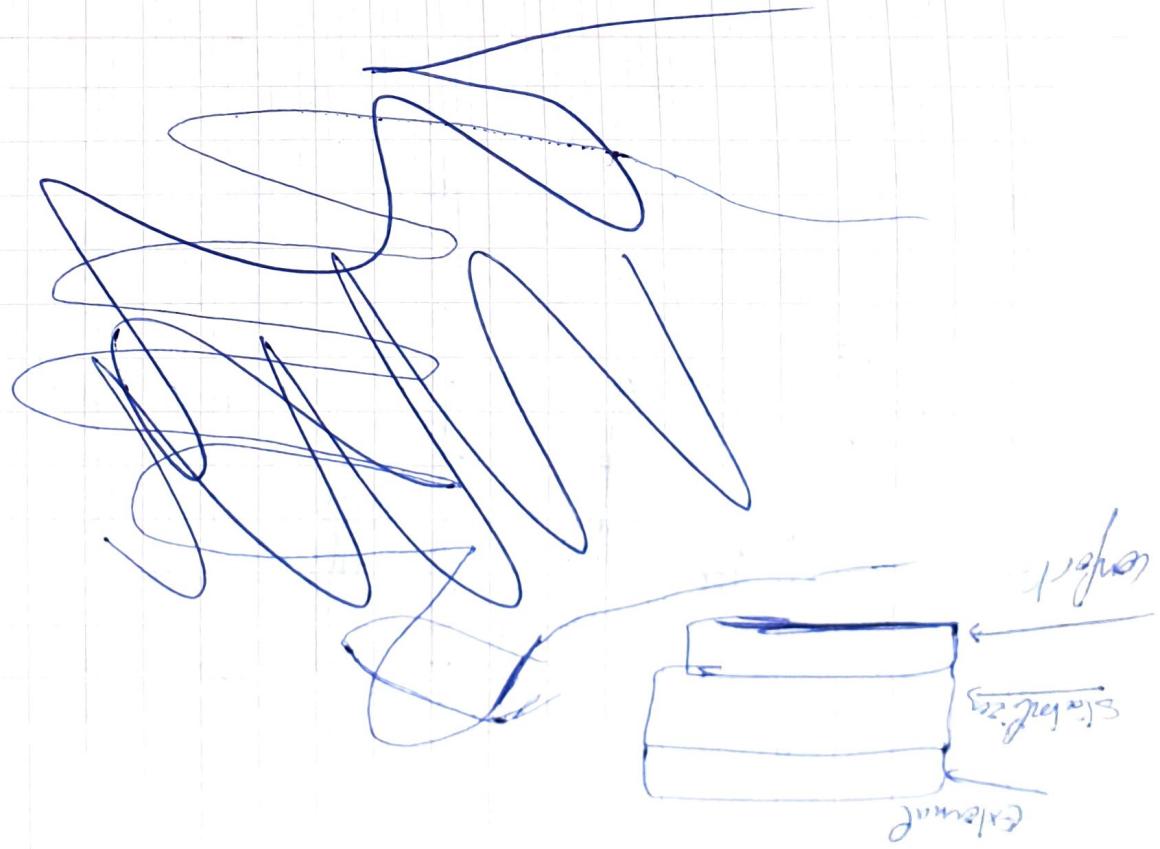
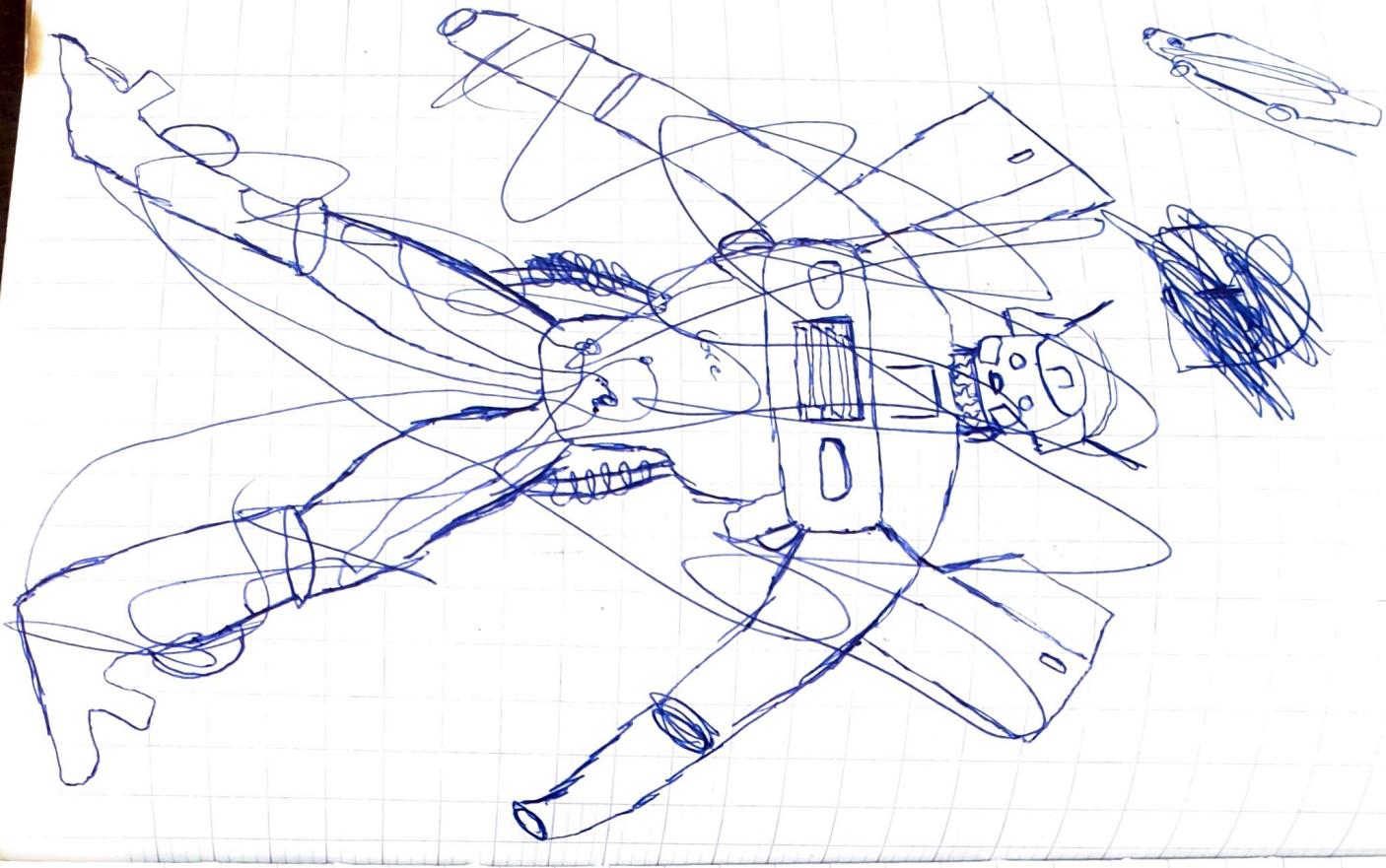
115

三



- o Home site
 - o services (ASN, CSN, checkes, A search)
 - o origin server administration system
 - o Advertising ↑
 - o Google search
 - o Big search, yahoo search
 - o facebook
 - o youtube videos





long
or -
long

$$2x^2 + 6x + 3 = 0$$

$$4x^2 - 4(2x+3) = 16 - 24 = -8$$

$$x = \frac{-8 - \sqrt{16}}{8} = \frac{-8 - 4}{8} = \frac{-12}{8} = -\frac{3}{2}$$

~~$$SR = \frac{1}{2} \{ P \}$$~~

~~$$\frac{P}{2}$$~~

Verfahren
Schrift

~~$$4x^2 + 4x + 3 = 0$$~~

$$16x^2 + 10x + 8 = 0$$

$$16x^2 - 4(16x+8) = 160 - 64 = -64$$

~~$$SRSPG$$~~

$$8x^2 + 3x + 3 = 0$$

$$3^2 - 2(3 \times 2) = 9 - 12 = -3$$

~~$$SR \{ P \}$$~~

$$4x^2 + 8x + 3 = 0$$

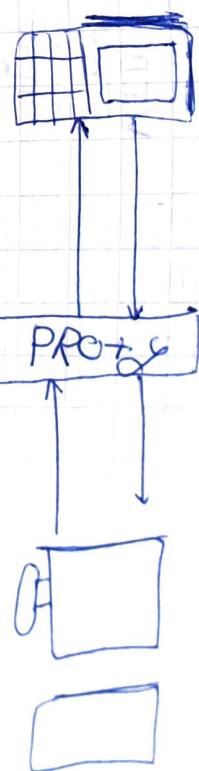
$$8x^2 - 4(4x+3) = 64 - 48 = 16$$

$2^1 \text{ XOR } 4^1$

$$\begin{array}{r}
 2^1 \\
 0100 \\
 0111 \\
 \hline
 0011
 \end{array}
 \quad
 \begin{array}{r}
 2^2 \\
 1100 \\
 0010 \\
 \hline
 1120
 \end{array}$$

Algorithm - Architecture

ARCP
Aussensoft Remote Control Protocol



I. Login + Logout

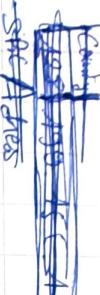


III. ARCP
Command \Leftrightarrow 8 bytes
Connection \Leftrightarrow 8 bytes

[64 bit]

~~Content~~
~~host~~
~~port~~
~~Address~~

ARCP Address



$$2^{16} \times 2^{16} \times 2^{16} = 16,777,216 \text{ possibilities}$$

For each entry

2048 strong key
SEA encrypted
Data 00000000
10111111

Public
Private

Possibly user ID: 368

own key



Header: User ID: RCP
1 byte
8 bytes
3 bytes

VIDEOS
STIRRINGS
AUDIOS
IMAGES

16 bytes	14 bytes	6 bytes	18 bytes	16 bytes
SRP	DEST	ACCEPT	Command	KTB

Login

confirmation
destination

encryption key

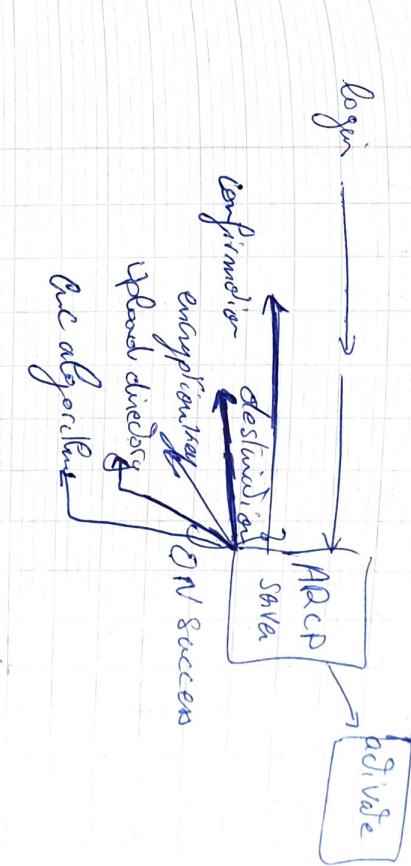
on success

upload directory

or application

data
see always real

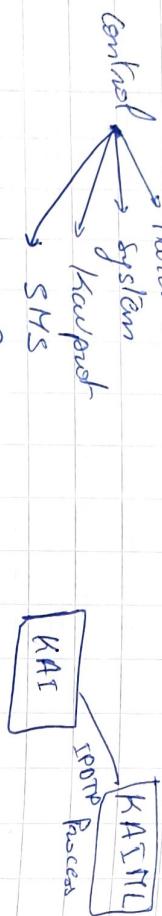
Hex packet



10m

Kauprost AI
 sentiment analysis
 (sentence)
 talk
 hear
 see
 hardware
 control system
 Kauprost
 SMS

Sensor
 talk
 hear
 see
 hardware
 face detect



~~operations~~
 JVPL
 ALN
 EG SOFT

HTML

Communication → Chat-Neuron

knowPedge → wiki search & base knowPedge.

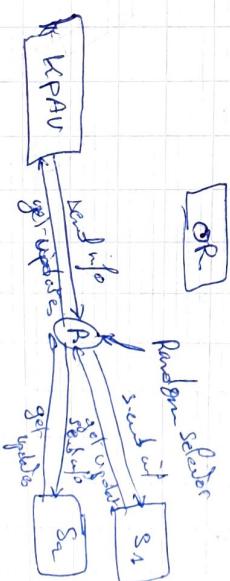
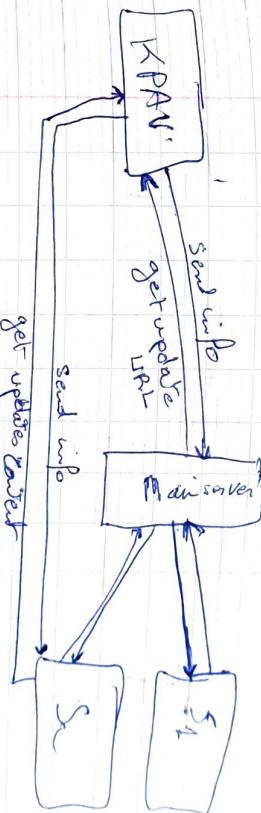
Intelligence base

IP DTP
 Req ↓ ↑ Resp

Kuaprof UP1
 KAIML UP1
 128.216.60
 128.216.61
 Service

Kuaprof chatbot UP1 128.216.61

NDB update



op

Main

Essential
optional

Logout
Back

Kaspersky Smart Security

Extreme

Scan - X
Comfy

Protection Status

Threats : Count

Protection : status of components

DB = version and last update date

License = days Left

Protection info

expand
components

Components

Essential
optional

Help
About
activation

My account

R. P. M. S. E.

Logo

Main

-X

or

\oplus

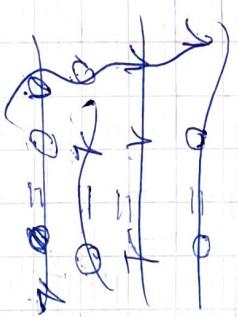
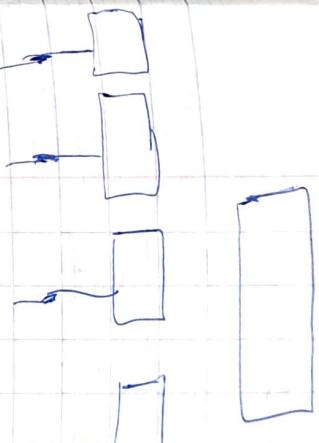
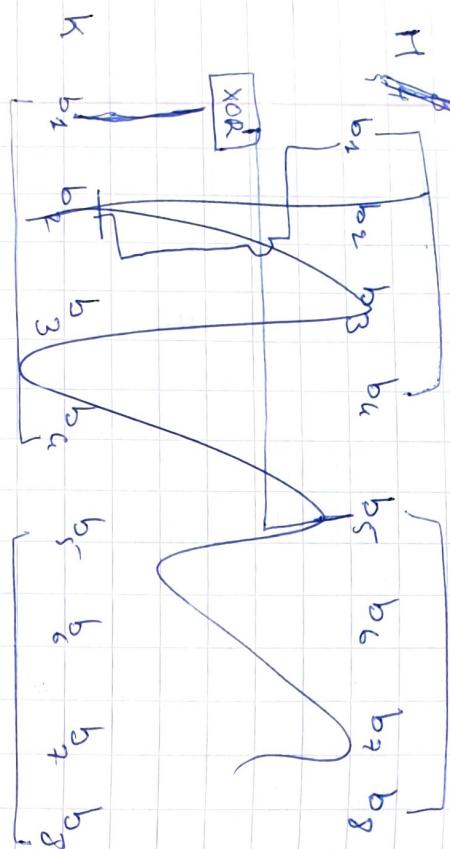
$F_{\text{add}} \oplus \downarrow$

$M_1 M_2 M_3 M_4 M_5 M_6 M_7 M_8$

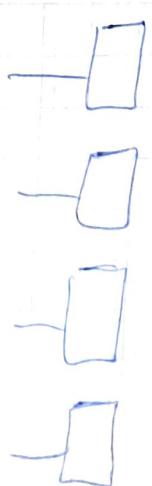
\oplus

$k_1 k_2 k_3 k_4 k_5 k_6 k_7 k_8$

~~$H_1 H_2$~~



$$\begin{array}{l} A = 0 \\ B = 1 \\ C = 0 \\ D = 1 \end{array}$$

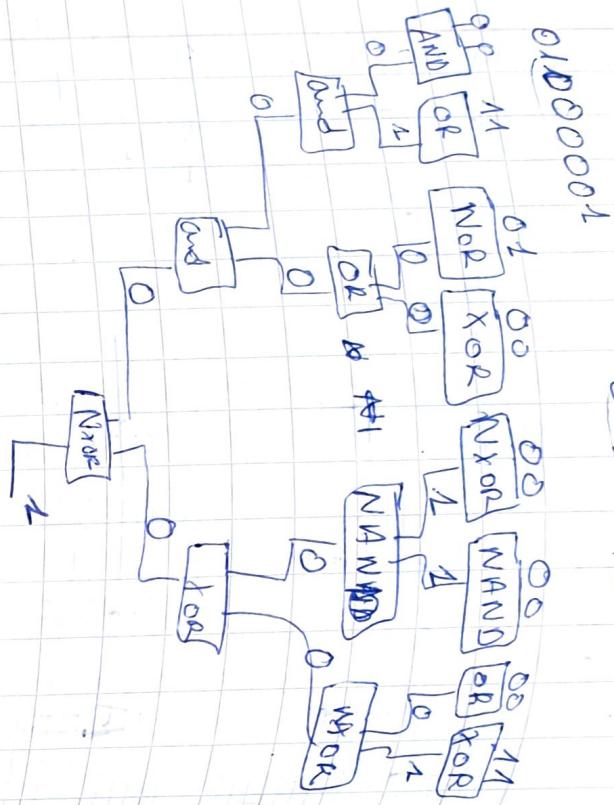
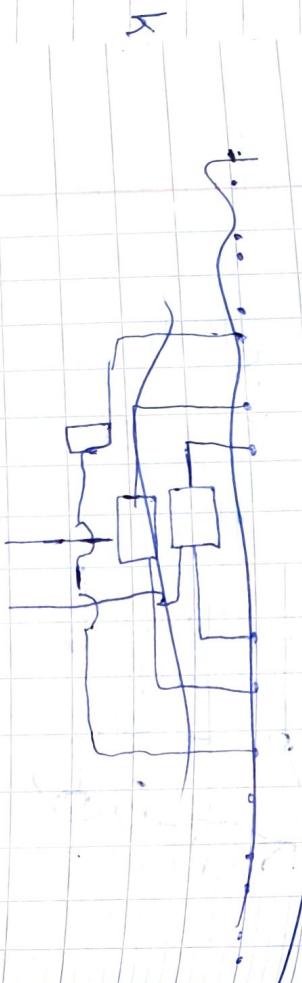
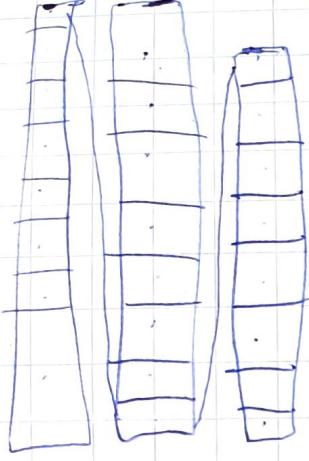


$$C = K \oplus R$$

$$SEA \rightarrow SEA-C$$

$$C = K \oplus R$$

$$\begin{array}{l} 11 = 1 \\ 10 = 0 \\ 01 = 1 \\ 00 = 0 \end{array}$$



10100000

01000001

10000000

10100000

10000000

10100000

10000000

10100000

10000000

10100000

10000000

10100000

10000000

10100000

10000000

10100000

10000000

10100000

10000000