Présentation Module M37

Réseau et Sécurité

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Groupe 1 SEICOM TP2

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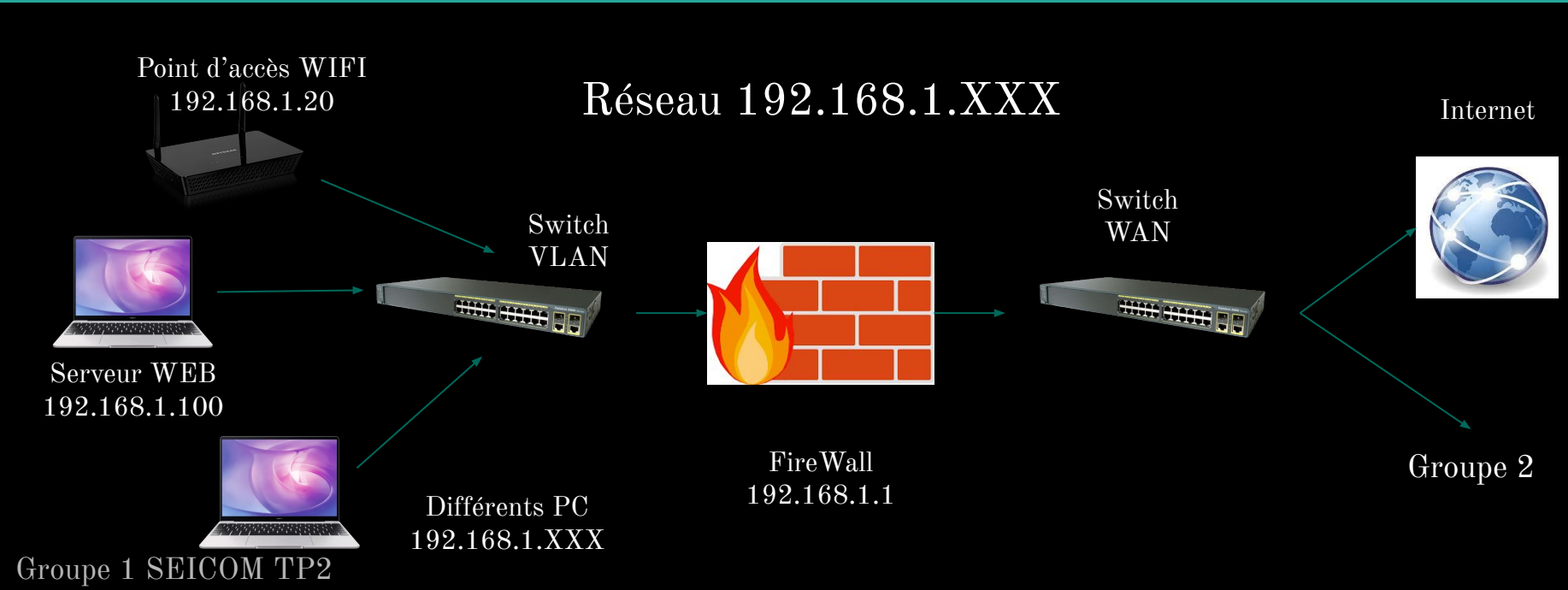
Sommaire

Description du Réseau à Réaliser



Configuration des PC

Changement des Adresses IP de chaque PC
=> 192.168.1.XXX

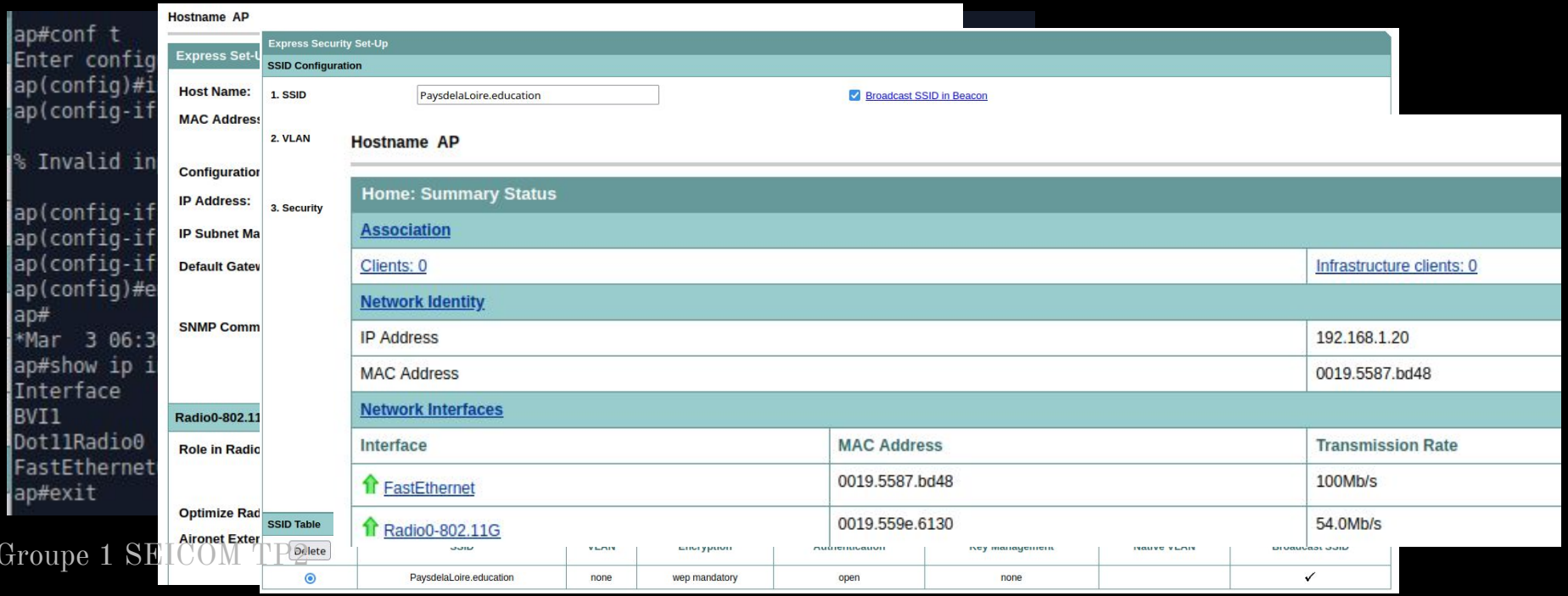

```
ifconfig
                ip address flush

  ip address add
                        ifconfig

  ping 192.168.1.XXX
```

192.168.1.	11	Mathis
	12	Daniela/Jennifer
	13	Baptiste
	100	Serveur Web
	21	Lenovo B50-30
	1	Opensense

Configuration du routeur WIFI



Création d’un faux AP

HackezNous

HackezMoi

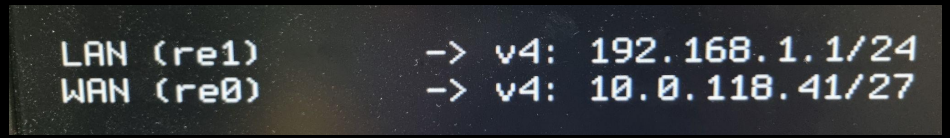
PaysdelaLoire.education

MDP : logia
WEP : 4C6F676961

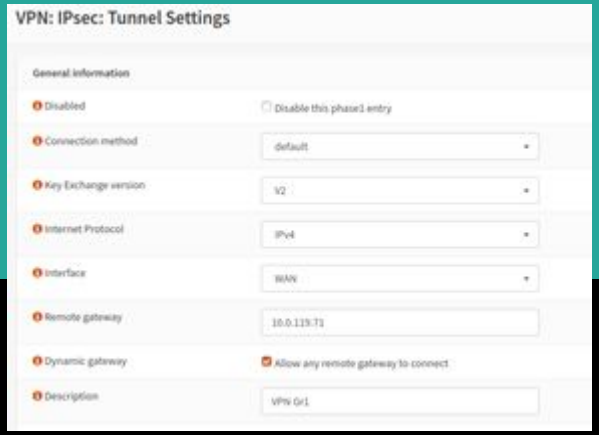
Mise en Place du FireWall

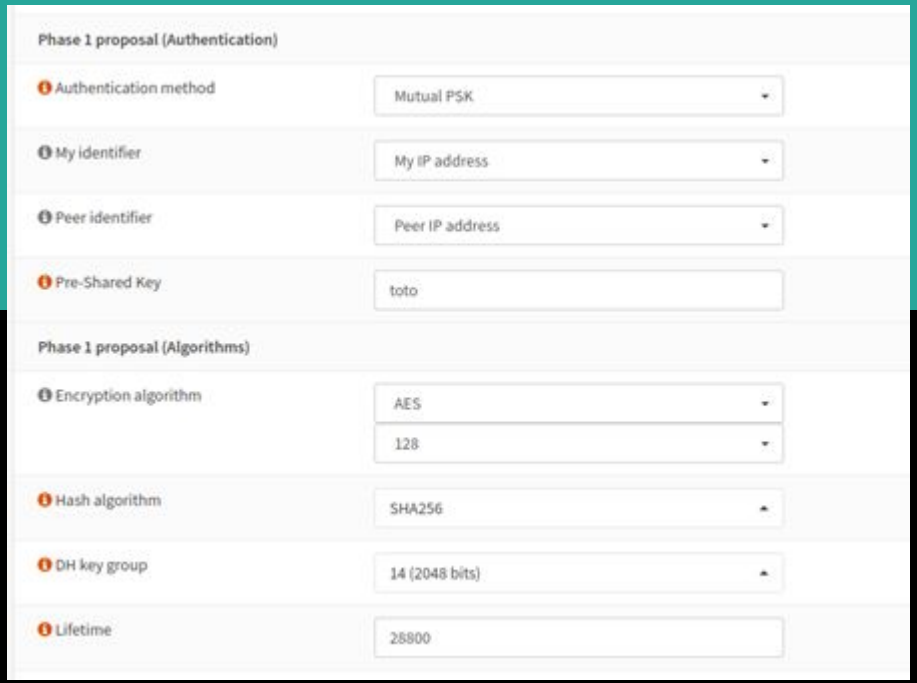
1) Reset du FireWall
   => Mode Usine

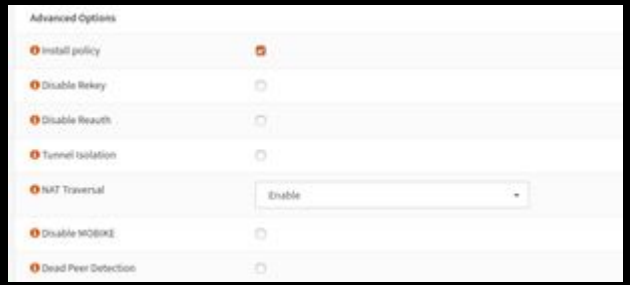
2) Entrée des adresses IPv4
   LAN : 192.168.1.1
   WAN : 10.0.118.41



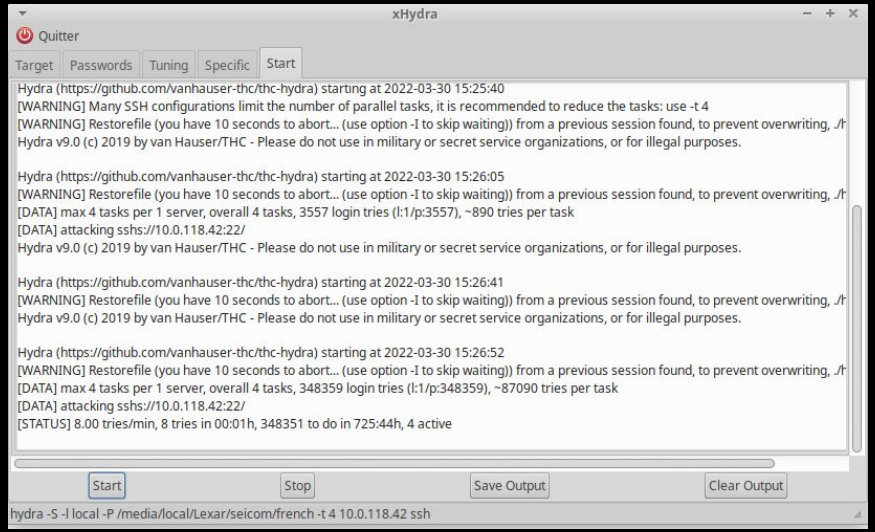
3) Configuration LAN et WAN


VPN: IPsec: Tunnel Settings
General information
Disabled
Disable this phase1 entry
Connection method
default
Key Exchange version
V2
Internet Protocol
IPv4
Interface
WAN
Remote gateway
10.0.119.71
Dynamic gateway
Allow any remote gateway to connect
Description
VPN Gr1


Phase 1 proposal (Authentication)
Authentication method
Mutual PSK
My identifier
My IP address
Peer identifier
Peer IP address
Pre-Shared Key
toto
Phase 1 proposal (Algorithms)
Encryption algorithm
AES
128
Hash algorithm
SHA256
DH key group
14 (2048 bits)
Lifetime
28800


Advanced Options
Install policy
Disable Rekey
Disable Reauth
Tunnel Isolation
NAT Traversal
Enable
Disable MOBIKE
Dead Peer Detection

Attaques Mises en Place



Hydra

Recherches MDP point d'accès groupe2

Tentatives de BrutForce

mz

```
local@111X-PCXX-SNIR:~$ sudo mz -h
[sudo] Mot de passe de local :
```

Défenses Tentées

```
local@111X-PCXX-SNIR:~$ sudo nmap -T4 -A -v -PE -PS22,25,80 -PA21,23,80,3389  10.0.119.64/27
Starting Nmap 7.80 ( https://nmap.org ) at 2022-03-30 15:56 CEST
NSE: Loaded 151 scripts for scanning.
NSE: Script Pre-scanning.
Initiating NSE at 15:56
Completed NSE at 15:56, 0.00s elapsed
Initiating NSE at 15:56
Completed NSE at 15:56, 0.00s elapsed
Initiating NSE at 15:56
Completed NSE at 15:56, 0.00s elapsed
Initiating Ping Scan at 15:56
Scanning 32 hosts [8 ports/host]
Completed Ping Scan at 15:56, 26.08s elapsed (32 total hosts)
Nmap scan report for 10.0.119.64 [host down]
Nmap scan report for 10.0.119.65 [host down]
Nmap scan report for 10.0.119.66 [host down]
Nmap scan report for 10.0.119.67 [host down]
```

Nmap

```
local@111X-PCXX-SNIR:~$ sudo dsniff -c -i eth0
dsniff: listening on eth0
```

dsniff

Merci de nous avoir écoutés

Des Questions ?