



Security Audit

Our Team

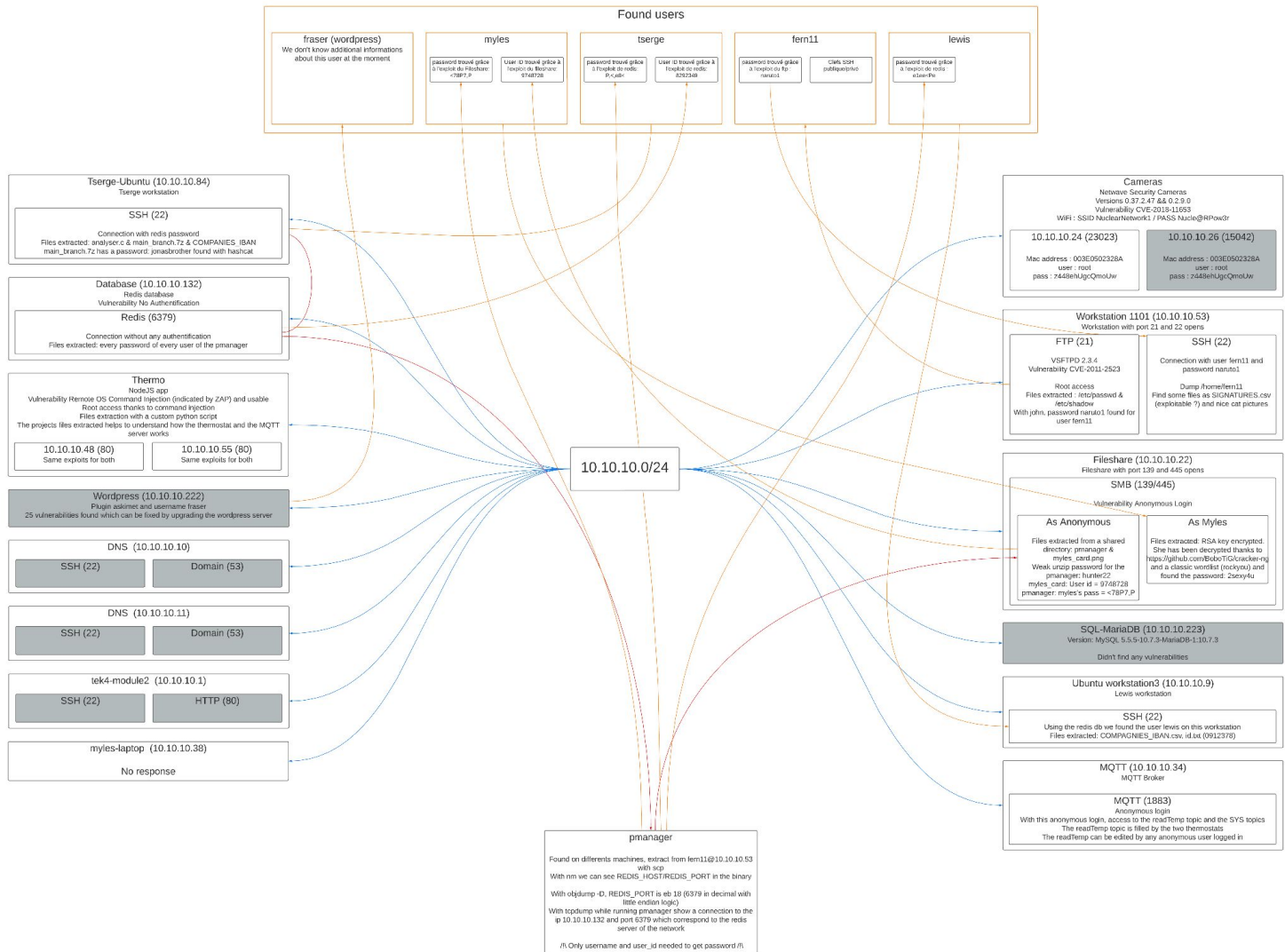


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Exploits



10.10.10.22 (fileshare.powerzio.lan) #1



Found port 139 and
445 open

Network Scanning

Found SMB Service on
a Windows machine

**Services
identification**

Some critical files are
public and can be
accessed with an
anonymous account

Services issues

Fix access to the
server or move the
critical files to a
private directory

Fix vulnerabilities

10.10.10.22 (fileshare.powerzio.lan) #2



Found Myles'
identifiant is in the
public files

Found identifiant

The password
manager has a
common password

Found password

With these
informations we can
access to Myles'
private data

**Access to private
data**

Myles should change
his password and
store it in a secure
password manager

Fix vulnerabilities

10.10.10.132 (database.powerzio.lan)



Found port 6379 open

Network Scanning

We found that it was a
redis service

**Service
identification**

We successfully get
access to the redis db
without password

Service issues

Put a login password
to your redis access

Fix vulnerabilities

10.10.10.84 (tserge-ubuntu.powerzio.lan)



Found port 22 open

Network scanning

We thought that maybe the user "tserge" using this machine in ssh is in the redis db

Potential exploit

Using the user found in the redis db we could connect as tserge in is session

Access to private data

Fix the redis vulnerability and change every password

Fix vulnerabilities

10.10.10.9 (Ubuntu workstation3)



Found port 22 open

Network scanning

We thought that
maybe the user using
this machine in ssh is
in the redis db

Potential exploit

Using the user found
in the redis db we
could connect as lewis
in is session

**Access to private
data**

Fix the redis
vulnerability and
change every
password

Fix vulnerabilities

10.10.10.53 (workstation1101.powerzio.lan)



Found ports 21 and 22
open

Network Scanning

VSFTPD 2.3.4

**Services
Identification**

Using the
vulnerability
CVE-2011-2523 we got
root access to the FTP

**Access to private
data**

Close the port 6200

Fix vulnerabilities

10.10.10.(48,55) (thermo2/7.powerzio.lan)



Found port 80 open

Network Scanning

We used ZAP to find
potential exploit:
remote OS command
injection

**Found Potential
Exploit**

We successfully
injected OS command
and get root access to
the host

**Access to private
data**

Add a back-end
process which parse
the data from the
client and reject
injections

Fix vulnerabilities

10.10.10.34 (MQTT)



Found port 1883 open

Network scanning

We logged in as an
anonymous user

Potential exploit

We can read and write
data on the mqtt
server as anonymous

**Access to private
data**

Add a required login
to access the mqtt
server

Fix vulnerabilities

10.10.10.(24,26) (cam)



Found port 23023 for 10.10.10.24 and port 15042 for 10.10.10.26 open

Network Scanning

We found that it was a camera working with netwave service

**Service
identification**

The versions of the camera permit to extract WiFi SSID/PASS and camera logins

Service issues

Update the cameras or change them

Fix vulnerabilities

10.10.10.222 (web.powerzio.lan)



Found port 80 open

Network Scanning

We used WPScan to have an overview of the server

Found Potential Exploit

We found some updates to apply

Access to private data

Update the WordPress version and the plugins

Fix vulnerabilities

Ignore or didn't find anything

