

Identify and Analyze Cyber Threats

Malware Analysis

[Sample Link](#)

[Analysis Link](#)

22
/ 63
Community Score

22/63 security vendors flagged this file as malicious

76aad0a8f0aaffe57f8ced5ad25e0a3133000f93aa5fff45153e4730d048efe8
copy
elf

Size
898.99 KB

Last Analysis Date
10 hours ago

ELF

Popular threat label trojan.prometei

Threat categories trojan

Family labels prometei

Security vendors' analysis ⓘ

Do you want to automate checks?

| | | | |
|---------------------|-------------------------------------|-----------------------|---|
| AhnLab-V3 | ⓘ Trojan/Linux.Prometei.SE260 | ALYac | ⓘ Trojan.Linux.GenericKDZ.481 |
| Antiy-AVL | ⓘ Trojan[Backdoor]/Linux.Prometei.a | Arcabit | ⓘ Trojan.Linux.Generic.481 |
| Avast | ⓘ ELF.Prometei-C [Trj] | Avast-Mobile | ⓘ ELF.Prometei-B [Trj] |
| AVG | ⓘ ELF.Prometei-C [Trj] | BitDefender | ⓘ Trojan.Linux.GenericKDZ.481 |
| CTX | ⓘ Elf.trojan.generickdz | DrWeb | ⓘ Linux.Siggen.8485 |
| Emsisoft | ⓘ Trojan.Linux.GenericKDZ.481 (B) | eScan | ⓘ Trojan.Linux.GenericKDZ.481 |
| ESET-NOD32 | ⓘ A Variant Of Linux/Prometei.B | Fortinet | ⓘ Linux/Prometei.Bltr |
| GData | ⓘ Trojan.Linux.GenericKDZ.481 | Huorong | ⓘ Trojan/Prometei.g |
| Jiangmin | ⓘ Backdoor.Linux.jbew | Kaspersky | ⓘ HEUR.Backdoor.Linux.Prometei.a |
| Microsoft | ⓘ Trojan:Linux/Coinminer.B | Rising | ⓘ Backdoor.Prometei/Linux!1.DBE7 (CLAS... |
| Trellix (HX) | ⓘ Trojan.Linux.GenericKDZ.481 | VIPRE | ⓘ Trojan.Linux.GenericKDZ.481 |
| Acronis (Static ML) | ✔ Undetected | AliCloud | ✔ Undetected |
| Avira (no cloud) | ✔ Undetected | Baidu | ✔ Undetected |
| Bkav Pro | ✔ Undetected | ClamAV | ✔ Undetected |
| CMC | ✔ Undetected | CrowdStrike Falcon | ✔ Undetected |
| Cynet | ✔ Undetected | Elastic | ✔ Undetected |
| Google | ✔ Undetected | Gridinsoft (no cloud) | ✔ Undetected |
| Ikarus | ✔ Undetected | K7AntiVirus | ✔ Undetected |
| K7GW | ✔ Undetected | Kingsoft | ✔ Undetected |

Basic properties

MD5

99ba8fd508563a946e811d80be35002e

SHA-1

e3938ac112daa883ba5dc72a2fa114b1acb777fd2

SHA-256

76aad0a8f0affe57f8ced5ad25e0a3133000f93aa5fff45153e4730d048efe8

Vhash

b3a5fcdabefb53a724715687a591dob

SSDEEP

12288:qb14350q+8eXS1/f2Wc3sIC3yjTjMv+9XSJhBXEsV3b9gh4J8zMSv7MzOup8Mplb:qmShf4OTJmGXSJhBXEsVrmz9MOup1Khk

TLSH

T1441558653700EF5EF39DE27108F287E046D125F31AD24296A278C71C6EE161D28AFDE9

File type

ELF

executablelinuxelf

Magic

ELF 32-bit MSB executable, MIPS, MIPS32 rel2 version 1 (SYSV), statically linked, for GNU/Linux 3.2.0, BuildID[sha1]=bc565f9f2dafc5618defa8eccf705f85712c87da, stripped

TriD

ELF Executable and Linkable format (generic) (100%)

DetectItEasy

ELF32 | Operation system: Unix [EXEC MIPS-32] | Compiler: gcc ((Ubuntu 7.5.0-3ubuntu1-18.04) 7.5.0) [EXEC MIPS-32]

Magika

ELF

File size

898.99 KB (920568 bytes)

History

First Seen In The Wild

2025-01-20 15:01:32 UTC

First Submission

2025-01-20 14:44:45 UTC

Last Submission

2025-01-20 14:44:45 UTC

Last Analysis

2025-01-20 14:44:45 UTC

Contacted Domains (1)

| Domain | Detections | Created | Registrar |
|--------------------|------------|------------|---------------------------------|
| p3.feefreepool.net | 11 / 94 | 2017-05-10 | Internet Domain Service BS Corp |

Contacted IP addresses (2)

| IP | Detections | Autonomous System | Country |
|----------------|------------|-------------------|---------|
| 8.8.8.8 | 0 / 94 | 15169 | US |
| 88.198.246.242 | 8 / 94 | 24940 | DE |

Graph Summary

Activity Summary

Download Artifacts

Full Reports

Help

Detections

NOT FOUND

Mitre Signatures

NOT FOUND

IDS Rules

NOT FOUND

Sigma Rules

NOT FOUND

Dropped Files

NOT FOUND

Network comms

1 DNS1 IP

Behavior Tags

detect-debug-environment

executes-dropped-file

persistence

Network Communication

DNS Resolutions

+ p3.feefreepool.net

IP Traffic

8.8.8.8:53

Behavior Similarity Hashes

ELF DIGEST

d49b1645e3e9c1d86e735afb9cb66948

Behavior Similarity Hashes

ELF DIGESTd49b1645e3e9c1d86e735afb9cb66948

File system actions

Files Opened

/etc/Commld

/etc/host.conf

/etc/ld.so.cache

/etc/nsswitch.conf

/etc/passwd

/etc/pcc0

/etc/pcc1

/etc/resolv.conf

/etc/uplugplay

/lib/libc.so.6

Files Written

/etc/Commld

/etc/hosts

/lib/systemd/system/uplugplay.service

/usr/sbin/uplugplay

task.cron

Files Deleted

task.cron

Process and service actions

Shell Commands

/bin/pidof, [pidof, analyzed_bin]

/bin/pidof, [pidof, uplugplay]

/bin/pidof, [pidof, upnpsetup]

/usr/bin/crontab, [crontab, -l]

/usr/bin/crontab, [crontab, task.cron]

/usr/bin/nslookup, [nslookup, p3.feefreepool.net, 8.8.8.8]

/usr/sbin/uplugplay, [/usr/sbin/uplugplay, -Dcomsvc]

0x4b6954, [0x4b6950, 0x4b694c, 0x4b708c]

0x4b6954, [0x4b6950, 0x4b694c, crontab task.cron]

0x4b6954, [0x4b6950, 0x4b694c, nslookup p3.feefreepool.net 8.8.8.8]

Detection Rate: 34% (22 out of 63 vendors have identified this)

Malware Family: Trojan

File Information: ELF, exe

Network Indicators: p3.feefreepool.net

IP Traffic: 8.8.8.8:53

Behavior Indicators/ Indicators of Compromise: Detects debug environments; executes dropped files; persistence

System Impact/ Potential Damage Assessment: Opens, writes, and delete files;

Unleashes a series of commands;

Phishing Template Creation

Select from the menu:

- 1) Social-Engineering Attacks
- 2) Penetration Testing (Fast-Track)
- 3) Third Party Modules
- 4) Update the Social-Engineer Toolkit
- 5) Update SET configuration
- 6) Help, Credits, and About

99) Exit the Social-Engineer Toolkit

`set> 1`

Select from the menu:

- 1) Spear-Phishing Attack Vectors
- 2) Website Attack Vectors
- 3) Infectious Media Generator
- 4) Create a Payload and Listener
- 5) Mass Mailer Attack
- 6) Arduino-Based Attack Vector
- 7) Wireless Access Point Attack Vector
- 8) QRCode Generator Attack Vector
- 9) Powershell Attack Vectors
- 10) Third Party Modules

99) Return back to the main menu.

`set> 2`

- 1) Java Applet Attack Method
- 2) Metasploit Browser Exploit Method
- 3) Credential Harvester Attack Method
- 4) Tabnabbing Attack Method
- 5) Web Jacking Attack Method
- 6) Multi-Attack Web Method
- 7) HTA Attack Method

99) Return to Main Menu

`set:webattack>3`

- 1) Web Templates
- 2) Site Cloner
- 3) Custom Import

99) Return to Webattack Menu

`set:webattack>1`

1. Java Required
2. Google
3. Twitter

`set:webattack> Select a template: 2`

```
set:webattack> IP address for the POST back in Harvester/Tabnabbing [10.0.2.15]: clear
```

```
[*] Cloning the website: http://www.google.com
[*] This could take a little bit ...

The best way to use this attack is if username and password form fields are available. Regardless, this captures all POSTs on a website.
[*] The Social-Engineer Toolkit Credential Harvester Attack
[*] Credential Harvester is running on port 80
[*] Information will be displayed to you as it arrives below:
10.0.2.15 - - [20/Jan/2025 20:29:09] "GET / HTTP/1.1" 200 -
[*] WE GOT A HIT! Printing the output:
PARAM: GALX=SJLckfgaqoM
PARAM: continue=https://accounts.google.com/o/oauth2/auth?zt=ChRsWFBwd2JmV1hIcDhtUFDldzBENhIfVWsxSTdNLW9MdThibW1TMFQzVUZFc1BBaURuWmlRSQ%E2%88%99APsBz4gAAA
AAUy4_qD7Hbfz38w8kxnaNouLcRiD3YTjX
PARAM: service=lso
PARAM: dsh=-7381887106725792428
PARAM: _utf8=â
PARAM: bgresponse=js_disabled
PARAM: pstMsg=1
PARAM: dnConn=
PARAM: checkConnection=
PARAM: checkedDomains=youtube
POSSIBLE USERNAME FIELD FOUND: Email=hello@gmail.com
POSSIBLE PASSWORD FIELD FOUND: Passwd=hellohello!
PARAM: signIn=Sign+in
PARAM: PersistentCookie=yes
+1 WHEN YOU'RE FINISHED, HIT CONTROL C TO GENERATE A REPORT
```

Potential Impact:

- Credential leaks
- Changed passwords/credentials
- Loss of access
- Fraud/ Unauthorized use

Prevention Methods:

- 2FA/ MFA
- Log-in attempts emailed
- Changing passwords frequently
- Use password manager

APT Campaign Analysis

APT28

Campaign Overview

Name: APT28 (Fancy Bear)

Target: Europe, United States, Nato allies

Industry Focus: Government, military, media
Active Date: Minimum since 2007
Primary Goals: Espionage, influence operations, data exfiltration
Tools: X-Agent, Sofacy, Zebrocy, Mimikatz

MITRE ATT&CK Mapping

Initial Access

T1190 - Exploit Public-Facing Application

Exploited vulnerabilities in web applications to gain initial access, such as using vulnerabilities in Microsoft Exchange or web servers

T1566.001 - Spear Phishing Attachment

Delivered malicious email attachments to target individuals as part of phishing campaigns.

Execution Method

T1203 - Exploitation for Client Execution

Leveraged vulnerabilities in Microsoft Office documents with macros or embedded scripts to execute payloads

T1059.003 - Command and Scripting Interpreter: Windows Command Shell

Utilized Windows commands for initial payload execution and post-compromise activity

Persistence Mechanisms

T1547.001 - Boot or Logon Autostart Execution: Registry Run Keys/Startup Folder

Modifies registry keys to maintain persistence on compromised systems

T1053.005 - Scheduled Task/Job

Used scheduled tasks to execute malware at regular intervals

Command and Control

T1068 - Exploitation for Privilege Escalation

Exploited known vulnerabilities to escalate privileges on target systems, such as CVE-2017-0263

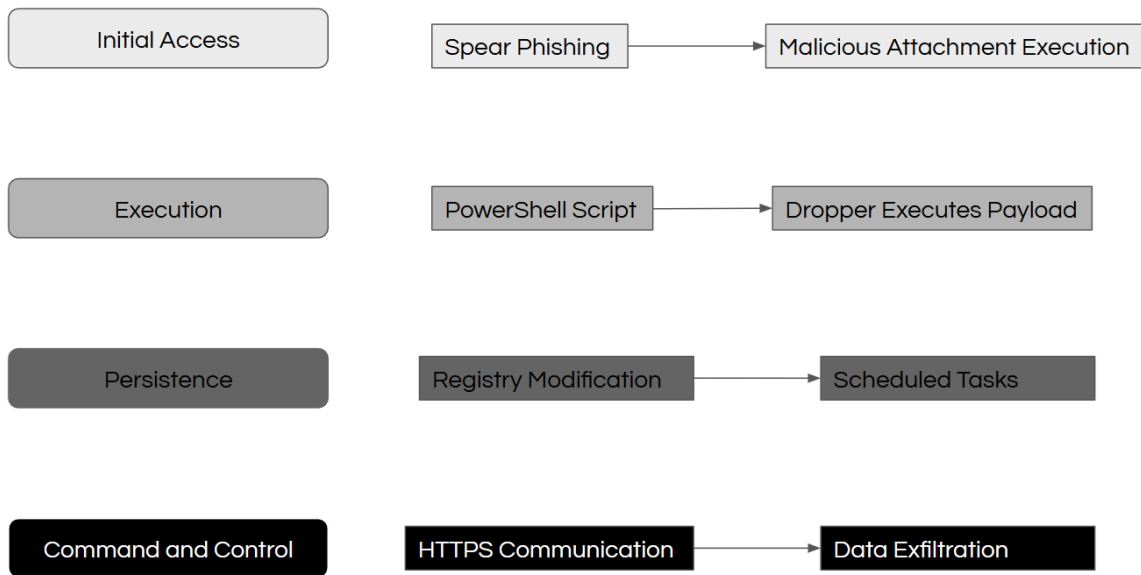
T1027 - Obfuscated Files or Information

Used obfuscation techniques in scripts and malware to evade detection

T1070.004 - Indicator Removal on Host: File Deletion

Deleted artifacts from infected systems to avoid forensic analysis

Attack Flow Diagram



Impact Analysis

Operational Impact

- Disruption of government communications.
- Theft of classified data.

Reputational Impact

- Compromised trust in targeted organizations.

Economic Impact

- Cost of incident response and remediation.

Geopolitical Impact

- Influence on elections and political decisions.

Apply Vulnerability Assessment Techniques

Part 1: Asset Discovery Scan

Initial Network Mapping

ifconfig

sudo nmap -sn [target ip]

```
(test@test)-[~]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.8.105 netmask 255.255.255.0 broadcast 192.168.8.255
    inet6 fe80::a00:27ff:fe5d:d4d7 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:5d:d4:d7 txqueuelen 1000 (Ethernet)
    RX packets 954 bytes 59579 (58.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1515 bytes 93602 (91.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 8 bytes 480 (480.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8 bytes 480 (480.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(test@test)-[~]
$ sudo nmap -sn 192.168.8.105/24
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-21 18:45 EST
```

```
Nmap scan report for Pixel-6.lan (192.168.8.133)
Host is up (0.18s latency).
```

```
Nmap scan report for console.gl-inet.com (192.168.8.1)
Host is up (0.0019s latency).
```

```
Nmap scan report for test.lan (192.168.8.105)
Host is up.
Nmap done: 256 IP addresses (4 hosts up) scanned in 2.71 seconds
```

Number of Responsive Hosts: 3

Found IP Addresses:

- 192.168.8.133
- 192.168.8.1
- 192.168.8.105 (VM)

Host Names:

- console.gl-inet.com
- Pixel-6.
- test (VM)

Service Enumeration

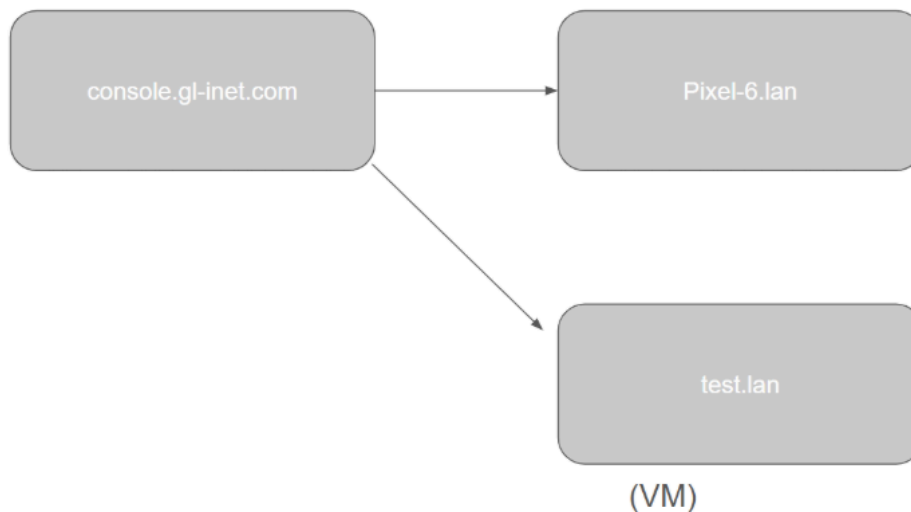
(Only will scan the host "Pixel-6" for this portion; "console.gl-inet.com" is a network router; "test" is the VM itself)
sudo nmap -sV -p- [discovered_host_ip]

Pixel 6

```
(test@test)-[~]  
$ nmap -sV -p- 192.168.8.133  
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-21 19:00 EST  
Nmap scan report for Pixel-6.lan (192.168.8.133)  
Host is up (0.013s latency).  
All 65535 scanned ports on Pixel-6.lan (192.168.8.133) are in ignored states.  
Not shown: 65535 closed tcp ports (reset)  
  
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .  
Nmap done: 1 IP address (1 host up) scanned in 23.54 seconds
```

Open Ports: No open ports exist
Running Services: Cannot be found
Service Version: Cannot be found

Network Map



Critical Assets: Pixel 6, VM, Router
Initial Risk Assessment:
Low, all IPs listed start with 192.168 which is only for internal use within networks.
Therefore, attackers can not easily intrude into systems.

Part 2: Vulnerability Scan

Perform Vulnerability Scan:

sudo nmap -sV --script vuln [target_ip]

```
[test@test]~$ sudo nmap -sV --script vuln 192.168.8.1
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-21 20:53 EST
Stats: 0:01:59 elapsed; 0 hosts completed (1 up), 1 undergoing Script Scan
NSE Timing: About 98.68% done; ETC: 20:55 (0:00:01 remaining)
Debugging Increased to 1.
NSE: Finished http-slowloris-check against 192.168.8.1:443. Reason: EOF
NSE: Finished http-slowloris-check against 192.168.8.1:80. Reason: EOF
NSE: Finished http-slowloris-check against 192.168.8.1:443. Reason: EOF
NSE: [http-slowloris-check 192.168.8.1:443] Time difference is: -2
NSE: Finished http-slowloris-check against 192.168.8.1:443.
NSE: Finished http-slowloris-check against 192.168.8.1:80. Reason: EOF
NSE: [http-slowloris-check 192.168.8.1:80] Time difference is: 2
NSE: Finished http-slowloris-check against 192.168.8.1:80.
Stats: 0:02:26 elapsed; 0 hosts completed (1 up), 1 undergoing Script Scan
NSE: Active NSE Script Threads: 1 (0 waiting)
NSE Timing: About 99.81% done; ETC: 20:55 (0:00:00 remaining)
NSE: Script http-enum: 1 threads running, 0 threads waiting
Stats: 0:02:30 elapsed; 0 hosts completed (1 up), 1 undergoing Script Scan
NSE: Active NSE Script Threads: 1 (0 waiting)
NSE Timing: About 99.81% done; ETC: 20:55 (0:00:00 remaining)
NSE: Script http-enum: 1 threads running, 0 threads waiting
NSE: [http-enum 192.168.8.1:80] HTTP pipeline: Number of received responses: 2203
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (//)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/mj_wwwusr)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/vcs)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/ffileman.cgi?)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/ck/mimencode)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/masterG1?)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/awstats.pl)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (//)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (//)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (/sdk/../../../../../../../../etc/vmware/hostd/vmInventory.xml)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (/sdk/%2EX2E/%2EX2E/%2EX2E/%2EX2E/%2EX2E/etc/vmware/hostd/vmInventory.xml)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (/../../../../../../../../etc/passwd)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (/../../../../../../../../boot.ini)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (..%2f..%2f..%2f..%2f..%2f/var/mobile/Library/AddressBook/AddressBook.sqitedb)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/export_debug_msg.exp)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/config.exp)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (//)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (?feed-rss)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (?feed-rss2)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (?feed-atom)
```

```
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (?feed=rss2)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (400 Bad Request) (?feed=atom)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page was '200 OK', it exists! (/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/cgi-bin/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/i18n/)
NSE: [http-enum 192.168.8.1:80] HTTP: Page didn't match the 404 response (403 Forbidden) (/js/)
NSE: Finished http-enum against 192.168.8.1:80.
NSE: Starting runlevel 2 (of 2) scan.
NSE: [ssl-cert-intaddr 192.168.8.1:22] 192.168.8.1 is a private address - skipping.
NSE: Starting http-cookie-flags against 192.168.8.1:80.
NSE: [http-cookie-flags 192.168.8.1:80] start check of /
NSE: [http-cookie-flags 192.168.8.1:80] end check of / : 0 issues found
NSE: Finished http-cookie-flags against 192.168.8.1:80.
NSE: Starting ssl-known-key against 192.168.8.1:443.
NSE: Finished ssl-known-key against 192.168.8.1:443.
NSE: Starting ssl-ccs-injection against 192.168.8.1:443.
NSE: Starting http-cookie-flags against 192.168.8.1:443.
NSE: [http-cookie-flags 192.168.8.1:443] start check of /
NSE: [http-cookie-flags 192.168.8.1:443] end check of / : 0 issues found
NSE: Finished http-cookie-flags against 192.168.8.1:443.
NSE: Starting http-server-header against 192.168.8.1:443.
NSE: Starting tls-ticketbleed against 192.168.8.1:443.
NSE: Starting ssl-dh-params against 192.168.8.1:443.
NSE: Starting ssl-poodle against 192.168.8.1:443.
NSE: Starting http-server-header against 192.168.8.1:80.
NSE: [ssl-cert-intaddr 192.168.8.1:80] 192.168.8.1 is a private address - skipping.
NSE: [ssl-cert-intaddr 192.168.8.1:53] 192.168.8.1 is a private address - skipping.
NSE: Starting ssl-heartbleed against 192.168.8.1:443.
NSE: [ssl-cert-intaddr 192.168.8.1:443] 192.168.8.1 is a private address - skipping.
NSE: [ssl-ccs-injection 192.168.8.1:443] Handshake completed (TLSv1.2)
NSE: Finished ssl-ccs-injection against 192.168.8.1:443.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured certificate record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_key_exchange record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello_done record.
NSE: [tls-ticketbleed 192.168.8.1:443] Unknown message type: change_cipher_spec
NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: Finished http-server-header against 192.168.8.1:443.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: Finished http-server-header against 192.168.8.1:80.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured certificate record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_key_exchange record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello_done record.
NSE: [tls-ticketbleed 192.168.8.1:443] Unknown message type: change_cipher_spec
NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: Finished ssl-heartbleed against 192.168.8.1:443.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured certificate record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_key_exchange record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello_done record.
NSE: [tls-ticketbleed 192.168.8.1:443] Unknown message type: change_cipher_spec
```

```

NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: Finished ssl-heartbleed against 192.168.8.1:443.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured certificate record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_key_exchange record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello_done record.
NSE: [tls-ticketbleed 192.168.8.1:443] Unknown message type: change_cipher_spec
NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: Finished tls-ticketbleed against 192.168.8.1:443.
NSE: Finished ssl-poodle against 192.168.8.1:443.
NSE: Finished ssl-dh-params against 192.168.8.1:443.
Nmap scan report for console.gl-inet.com (192.168.8.1)
Host is up (0.0037s latency).
Scanned at 2025-01-21 20:53:26 EST for 154s
Not shown: 996 closed tcp ports (reset)
PORT      STATE SERVICE      VERSION
22/tcp    open  ssh          Dropbear sshd (protocol 2.0)
53/tcp    open  domain       Cloudflare public DNS
80/tcp    open  http         nginx 1.17.7
|_http-csrf: Couldn't find any CSRF vulnerabilities.
|_http-dombased-xss: Couldn't find any DOM based XSS.
|_http-stored-xss: Couldn't find any stored XSS vulnerabilities.
|_vulners:
|_  nginx 1.17.7:
|_    DF1BBD4-8715-5ABE-985E-91DD3BB87773  7.8  https://vulners.com/githubexploit/DF1BBD4-8715-5ABE-985E-91DD3BB87773  *EXPLOIT*
|_    676D4F16-4FB3-11ED-A374-8C164567CA3C  7.8  https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
|_    ADDC71B8-6024-11EF-86A1-8C164567CA3C  5.7  https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C
443/tcp    open  ssl/http     nginx 1.17.7
|_http-server-header: nginx/1.17.7
|_http-dombased-xss: Couldn't find any DOM based XSS.
|_http-stored-xss: Couldn't find any stored XSS vulnerabilities.
|_http-vuln-cve2011-3192:
|_  VULNERABLE:
|_    Apache byterange filter DoS
|_    State: VULNERABLE
|_    IDs: CVE:CVE-2011-3192 BID:49303
|_    The Apache web server is vulnerable to a denial of service attack when numerous
|_    overlapping byte ranges are requested.
|_    Disclosure date: 2011-08-19
|_    References:
|_      https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2011-3192
|_      https://seclists.org/fulldisclosure/2011/Aug/175
|_      https://www.securityfocus.com/bid/49303
|_      https://www.tenable.com/plugins/nessus/55976
|_http-csrf: Couldn't find any CSRF vulnerabilities.
|_vulners:
|_  nginx 1.17.7:
|_    DF1BBD4-8715-5ABE-985E-91DD3BB87773  7.8  https://vulners.com/githubexploit/DF1BBD4-8715-5ABE-985E-91DD3BB87773  *EXPLOIT*
|_    676D4F16-4FB3-11ED-A374-8C164567CA3C  7.8  https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
|_    ADDC71B8-6024-11EF-86A1-8C164567CA3C  5.7  https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C

```

sudo nmap -p80,443 --script "http-* and not http-brute*" [target_ip]

```
(test@test)-[~]
$ sudo nmap -p80,443 --script "http-brute" 192.168.8.1
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-21 21:21 EST
Nmap scan report for console.gl-inet.com (192.168.8.1)
Host is up (0.0026s latency).

PORT      STATE SERVICE
80/tcp    open  http
| http-brute:
|_ Path "/" does not require authentication
443/tcp    open  https
| http-brute:
|_ Path "/" does not require authentication
```

```
(test@test)-[~]
$ sudo nmap -p445 --script "smb-vuln*" 192.168.8.1
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-21 21:23 EST
Nmap scan report for console.gl-inet.com (192.168.8.1)
Host is up (0.0029s latency).

PORT      STATE SERVICE
445/tcp    closed microsoft-ds
```

```
(test@test)-[~]
$ nmap -p80,443 --script "http-* and not http-brute*" 192.168.8.133
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-22 06:07 EST
Pre-scan script results:
|_ http-robtext-shared-ns: *TEMPORARILY DISABLED* due to changes in Robtex's API. See https://www.robtext.com/api/
Nmap scan report for Pixel-6.lan (192.168.8.133)
Host is up (0.20s latency).

PORT      STATE SERVICE
80/tcp    filtered http
443/tcp    filtered https
MAC Address: C2:E6:ED:AD:48:3B (Unknown)

Nmap done: 1 IP address (1 host up) scanned in 4.77 seconds
```

sudo nmap -p445 --script "smb-vuln*" [target_ip]

```
(test@test)-[~]
$ sudo nmap -p445 --script "smb-vuln*" 192.168.8.105
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-22 06:08 EST
Nmap scan report for test.lan (192.168.8.105)
Host is up (0.000026s latency).

PORT      STATE SERVICE
445/tcp    closed microsoft-ds

Nmap done: 1 IP address (1 host up) scanned in 0.12 seconds
```

```
(test@test)-[~]
$ sudo nmap -p445 --script "smb-vuln*" 192.168.8.133
Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-22 06:09 EST
Nmap scan report for Pixel-6.lan (192.168.8.133)
Host is up (0.076s latency).

PORT      STATE SERVICE
445/tcp    closed microsoft-ds
MAC Address: C2:E6:ED:AD:48:3B (Unknown)
```

6 Vulnerabilities found on this network...

```

vulners:
  nginx 1.17.7:
    DF18BDC4-B715-5ABE-985E-91DD3BB87773 7.8 https://vulners.com/githubexploit/DF18BDC4-B715-5ABE-985E-91DD3BB87773 *EXPLOIT*
    676D4F16-4FB3-11ED-A374-8C164567CA3C 7.8 https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
    ADDC71B8-6024-11EF-86A1-8C164567CA3C 5.7 https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C

http-csrf: Couldn't find any CSRF vulnerabilities.
vulners:
  nginx 1.17.7:
    DF18BDC4-B715-5ABE-985E-91DD3BB87773 7.8 https://vulners.com/githubexploit/DF18BDC4-B715-5ABE-985E-91DD3BB87773 *EXPLOIT*
    676D4F16-4FB3-11ED-A374-8C164567CA3C 7.8 https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
    ADDC71B8-6024-11EF-86A1-8C164567CA3C 5.7 https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C

```

Overall Risk Assessment: Very high, 6 different vulnerabilities found with 2 of them ready to be executed

Methodology:

Tools used: Kali Linux, Nmap

Scan Configurations: Ping Scan (-sn), Version Detection Scan (-sV -p-), Vulnerability Script (-sV --script vuln), HTTP Script (-p80,443 --script "http-* and not http-brute*"), SMB Vulnerability Scan (-p445 --script "smb-vuln*")

Assessment Approach: Brute Force

Findings

Assets Discovered: Pixel Phone, Router, VM

Vulnerabilities: None seen

Risk Assessment:

Extremely high, has several controller issues.

Remedy: Exploit for Out-of-bounds Write in F5 Nginx

Patch and Update

- Check if your version of the F5 Nginx Ingress Controller is affected. Refer to the vendor's advisory or changelog.
- Update to the latest, patched version as recommended by F5 Networks. Always ensure your software is up to date.

2. Configuration Hardening

- Review and validate your ingress configurations to prevent potential exploitation.
- Limit resource allocations and permissions for Nginx processes to mitigate the impact of a potential compromise.

3. Network Segmentation

- Isolate the Ingress Controller from untrusted networks using network policies or firewalls.
- Only expose required services and endpoints to external users.

4. Apply WAF Rules

- Use a Web Application Firewall (WAF) to detect and block malicious payloads targeting this vulnerability.
- Configure custom rules to monitor for exploitation attempts specific to CVE-2022-41741.

Implement Security Monitoring and Incident Response

```
NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: [ssl-heartbleed 192.168.8.1:443] we're done!
NSE: [ssl-heartbleed 192.168.8.1:443] Server does not support TLS Heartbeat Requests.
NSE: Finished ssl-heartbleed against 192.168.8.1:443.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured certificate record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_key_exchange record.
NSE: [tls-ticketbleed 192.168.8.1:443] Captured server_hello_done record.
NSE: [tls-ticketbleed 192.168.8.1:443] Unknown message type: change_cipher_spec
NSE: [tls-ticketbleed 192.168.8.1:443] Server did not send a NewSessionTicket record.
NSE: Finished tls-ticketbleed against 192.168.8.1:443.
NSE: Finished ssl-poodle against 192.168.8.1:443.
NSE: Finished ssl-dh-params against 192.168.8.1:443.
Nmap scan report for console.gl-inet.com (192.168.8.1)
Host is up (0.0037s latency).
Scanned at 2025-01-21 20:53:26 EST for 154s
Not shown: 996 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      Dropbear sshd (protocol 2.0)
53/tcp    open  domain   Cloudflare public DNS
80/tcp    open  http     nginx 1.17.7
|_http-csrf: Couldn't find any CSRF vulnerabilities.
|_http-dombased-xss: Couldn't find any DOM based XSS.
|_http-stored-xss: Couldn't find any stored XSS vulnerabilities.
vulners:
  nginx 1.17.7:
    DF1B8DC4-B715-5ABE-985E-91DD3BB87773 7.8 https://vulners.com/githubexploit/DF1B8DC4-B715-5ABE-985E-91DD3BB87773 *EXPLOIT*
    676D4F16-4FB3-11ED-A374-8C164567CA3C 7.8 https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
    ADDC71B8-6024-11EF-86A1-8C164567CA3C 5.7 https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C
443/tcp    open  ssl/http nginx 1.17.7
|_http-server-header: nginx/1.17.7
|_http-dombased-xss: Couldn't find any DOM based XSS.
|_http-stored-xss: Couldn't find any stored XSS vulnerabilities.
http-vuln-cve2011-3192:
  VULNERABLE:
    Apache byterange filter DoS
    State: VULNERABLE
    IDs: CVE:CVE-2011-3192 BID:49303
    The Apache web server is vulnerable to a denial of service attack when numerous overlapping byte ranges are requested.
    Disclosure date: 2011-08-19
    References:
      https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2011-3192
      https://seclists.org/fulldisclosure/2011/Aug/175
      https://www.securityfocus.com/bid/49303
      https://www.tenable.com/plugins/nessus/55976
|_http-csrf: Couldn't find any CSRF vulnerabilities.
vulners:
  nginx 1.17.7:
    DF1B8DC4-B715-5ABE-985E-91DD3BB87773 7.8 https://vulners.com/githubexploit/DF1B8DC4-B715-5ABE-985E-91DD3BB87773 *EXPLOIT*
    676D4F16-4FB3-11ED-A374-8C164567CA3C 7.8 https://vulners.com/freebsd/676D4F16-4FB3-11ED-A374-8C164567CA3C
    ADDC71B8-6024-11EF-86A1-8C164567CA3C 5.7 https://vulners.com/freebsd/ADDC71B8-6024-11EF-86A1-8C164567CA3C
```

Identified Vulnerabilities:

CVE-2011-3192 on Apache (Port 443): A denial-of-service vulnerability.
Open ports 22 (SSH) and 80 (HTTP) that could be exploited.

Tool Selection

Monitoring Tool: Wazuh (open-source SIEM).

Host Environment: A web server running Apache, Nginx, and SSH.

Use Case: Monitoring Exploitation of CVE-2011-3192

Objective: Detect attempts to exploit the Apache CVE-2011-3192 vulnerability.

Detection Rule:

Monitor access logs (/var/log/apache2/access.log) for malicious byte range headers indicating exploitation attempts.

Trigger alerts for repeated malformed requests from the same source.

Log Monitoring Configuration in Wazuh:

Add the Apache log path to the Wazuh configuration:

```
<localfile>
  <log_format>apache</log_format>
  <location>/var/log/apache2/access.log</location>
</localfile>
```

Custom Rule for CVE-2011-3192:

Add the following detection rule in Wazuh (/var/ossec/rules/local_rules.xml):

```
<rule id="100100" level="10">
  <decoded_as>apache</decoded_as>
  <field name="request">.*Range.*bytes=.*</field>
  <description>Potential CVE-2011-3192 exploitation detected</description>
  <mitre>
    <id>T1499</id>
    <tactic>Impact</tactic>
  </mitre>
</rule>
```

Alert Prioritization Process

Priority Levels:

Critical (Level 10): Exploitation of CVE-2011-3192 or similar vulnerabilities.

High (Level 7-9): Multiple failed SSH login attempts.

Medium (Level 4-6): Suspicious HTTP requests on Port 80.

Document response times based on the alert level to ensure prioritization.

Lessons Learned

Proactive Patching: Regularly update all software to prevent exploitation of known vulnerabilities.

Enhanced Monitoring: Add automated monitoring rules for byte range and similar malicious headers.

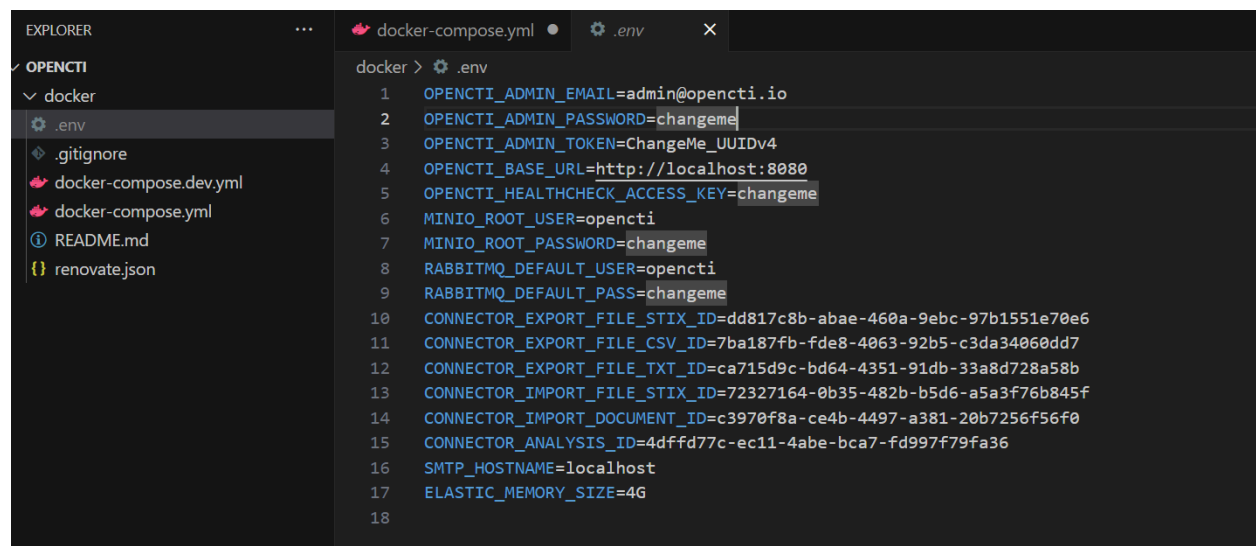
Incident Handling: Review and refine the containment and eradication steps to reduce downtime

Implement Threat Intelligence Principles

Installation of OpenCTI:



```
mkdir -p /path/to/your/app && cd /path/to/your/app
git clone https://github.com/OpenCTI-Platform/docker.git
cd docker
```



```
elasticsearch:
  image: docker.elastic.co/elasticsearch/elasticsearch:8.17.0
  volumes:
    - esdata:/usr/share/elasticsearch/data
  environment:
    # Comment-out the line below for a cluster of multiple nodes
    - discovery.type=single-node
    # Uncomment the line below for a cluster of multiple nodes
    # - cluster.name=docker-cluster
    - xpack.ml.enabled=false
    - xpack.security.enabled=false
    - thread_pool.search.queue_size=5000
    - logger.org.elasticsearch.discovery="ERROR"
    - "ES_JAVA_OPTS=-Xms${ELASTIC_MEMORY_SIZE} -Xmx${ELASTIC_MEMORY_SIZE}"
  restart: always
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/powershell

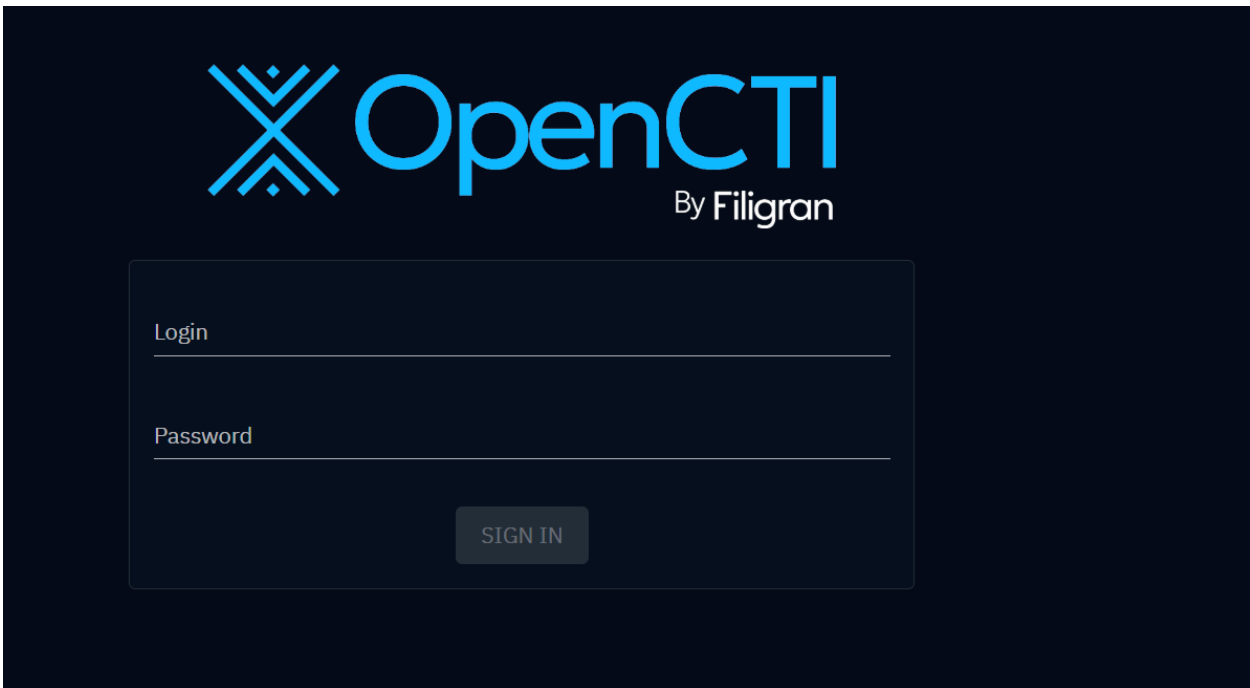
PS C:\Users\Shuwhits> wsl --install
Installing: Ubuntu
Ubuntu has been installed.
Launching Ubuntu...
Installing, this may take a few minutes...
Catastrophic failure
Error code: Wsl/Service/CreateInstance/E_UNEXPECTED
Catastrophic failure
Error code: Wsl/Service/CreateInstance/E_UNEXPECTED
failed to read passwd database:
exited with error
4294967295ERROR: couldn't find any users in NSS database

Please create a default UNIX user account. The username does not need to match your Windows username.
```

```
Command Prompt - docker-compose up -d
01/27/2025 04:55 PM <DIR> docker
0 File(s) 0 bytes
3 Dir(s) 1,523,978,186,752 bytes free

C:\Users\Shuwhits\Documents\OpenCTI>cd docker
C:\Users\Shuwhits\Documents\OpenCTI\docker>docker-compose up -d
[+] Running 91/21
  connector-import-document Pulled 164.7s
  connector-analysis Pulled 164.7s
  worker Pulled 63.4s
  connector-export-file-csv Pulled 63.2s
  - elasticsearch [#####] 464MB / 699.9MB Pulling 222.5s
  connector-import-file-stix Pulled 101.8s
  redis Pulled 65.2s
  minio Pulled 85.9s
  opencti Pulled 222.3s
  rabbitmq Pulled 93.6s
  connector-export-file-txt Pulled 61.4s
  connector-export-file-stix Pulled 51.9s
```

```
docker > .env
1 OPENCTI_ADMIN_EMAIL=admin@opencti.io
2 OPENCTI_ADMIN_PASSWORD=admin@123
3 OPENCTI_ADMIN_TOKEN=1303ea1d-beba-47dd-9e74-6465ab1cc337
4 OPENCTI_BASE_URL=http://localhost:8080
5 OPENCTI_HEALTHCHECK_ACCESS_KEY=c9b7b186-4a1b-487b-a853-79759c047235
6 MINIO_ROOT_USER=opencti
7 MINIO_ROOT_PASSWORD=admin@123
8 RABBITMQ_DEFAULT_USER=opencti
9 RABBITMQ_DEFAULT_PASS=admin@123
10 CONNECTOR_EXPORT_FILE_STIX_ID=dd817c8b-abae-460a-9ebc-97b1551e70e6
11 CONNECTOR_EXPORT_FILE_CSV_ID=7ba187fb-fde8-4063-92b5-c3da34060dd7
12 CONNECTOR_EXPORT_FILE_TXT_ID=ca715d9c-bd64-4351-91db-33a8d728a58b
13 CONNECTOR_IMPORT_FILE_STIX_ID=72327164-0b35-482b-b5d6-a5a3f76b845f
14 CONNECTOR_IMPORT_DOCUMENT_ID=c3970f8a-ce4b-4497-a381-20b7256f56f0
15 CONNECTOR_ANALYSIS_ID=4dfffd77c-ec11-4abe-bca7-fd997f79fa36
16 SMTP_HOSTNAME=localhost
17 ELASTIC_MEMORY_SIZE=4G
18
```



Connectors Configuration

```
connector-virustotal-livehunt-notifications:
  image: opentti/connector-virustotal-livehunt-notifications:6.4.10
  environment:
    - OPENCTI_URL=http://192.168.56.1:8080
    - OPENCTI_TOKEN=${OPENCTI_ADMIN_TOKEN}
    - CONNECTOR_ID=VirusTotal_Livehunt_Notifications
    - "CONNECTOR_NAME=VirusTotal Livehunt Notifications"
    - CONNECTOR_SCOPE=StixFile,Indicator,Incident
    - CONNECTOR_LOG_LEVEL=error
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_API_KEY=
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_INTERVAL_SEC=300 # Time to wait in seconds between subsequent requests
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_CREATE_ALERT=True # Set to true to create alerts
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_EXTENSIONS='exe,dll' # (Optional) Comma separated filter to only download files matching
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_MIN_FILE_SIZE=1000 # (Optional) Don't download files smaller than this many bytes
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_MAX_FILE_SIZE=52428800 # (Optional) Don't download files larger than this many bytes
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_MAX_AGE_DAYS=3 # Only create the alert if the first submission of the file is not older
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_MIN_POSITIVES=5 # (Optional) Don't download files with less than this many vendors mark
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_CREATE_FILE=True # Set to true to create file object linked to the alerts
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_UPLOAD_ARTIFACT=False # Set to true to upload the file to opentti
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_CREATE_YARA_RULE=True # Set to true to create yara rule linked to the alert and the file
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_DELETE_NOTIFICATION=False # Set to true to remove livehunt notifications
    - VIRUSTOTAL_LIVEHUNT_NOTIFICATIONS_FILTER_WITH_TAG="mytag" # Filter livehunt notifications with this tag
  restart: always
  depends_on:
    opentti:
      condition: service_healthy
```



VirusTotal Livehunt Notifications

Data import

NOT APPLI...

0

ACTIVE

Jan 29, 2025, 5:39:...

```
connector-cisco_sma:
  image: opentti/connector-cisco-sma:6.4.10
  environment:
    - OPENCTI_URL=http://192.168.56.1:8080
    - OPENCTI_TOKEN=${OPENCTI_ADMIN_TOKEN}
    - CONNECTOR_ID=CISCO_SMA
    - CONNECTOR_TYPE=EXTERNAL_IMPORT
    - CONNECTOR_NAME=CISCO-SMA
    - CONNECTOR_LOG_LEVEL=error
    - CISCO_SMA_API_KEY=CHANGME
    - CISCO_SMA_URL=https://panacea.threatgrid.eu/api/v3/feeds/
    - CISCO_SMA_IOC_SCORE=50 # The score to be set on Indicators and Observables
    - CISCO_SMA_AUTORUN_REGISTRY=false # Contains registry entry data derived from querying registry changes known
    - CISCO_SMA_BANKING_DNS=true # Banking Trojan Network Communications
    - CISCO_SMA_DGA_DNS=true # DGA Domains with pseudo-randomly generated names
    - CISCO_SMA_DLL_HIJACKING_DNS=true # Feed contains Domains communicated to by samples leveraging DLL Sideload
    - CISCO_SMA_DOC_NET_COM_DNS=true # Document (PDF, Office) Network Communications
    - CISCO_SMA_DOWNLOADED_PE_DNS=true # Samples Downloading Executables Network Communications
    - CISCO_SMA_DYNAMIC_DNS=true # Samples Leveraging Dynamic DNS Providers
    - CISCO_SMA_IRC_DNS=true # Internet Relay Chat (IRC) Network Communications
    - CISCO_SMA_MODIFIED_HOSTS_DNS=true # Modified Windows Hosts File Network Communications
    - CISCO_SMA_PARKED_DNS=true # Parked Domains resolving to RFC1918, Localhost and Broadcast Addresses
    - CISCO_SMA_PUBLIC_IP_CHECK_DNS=true # Check For Public IP Address Network Communications
    - CISCO_SMA_RANSOMWARE_DNS=true # Samples Communicating with Ransomware Servers
    - CISCO_SMA_RAT_DNS=true # Remote Access Trojan (RAT) Network Communications
    - CISCO_SMA_SCHEDULED_TASKS=false # Feed containing scheduled task data observed during sample execution
    - CISCO_SMA_SINKHOLED_IP_DNS=true # DNS entries for samples communicating with a known dns sinkhole
    - CISCO_SMA_STOLEN_CERT_DNS=true # DNS Entries observed from samples signed with a stolen certificate
    - CISCO_SMA_INTERVAL=24 # In hours
    - CISCO_SMA_MARKING=TLP:AMBER+STRICT
```



CISCO-SMA

Data import

NOT APPLI...

0

ACTIVE

Jan 29, 2025, 5:40:...

```
connector-mitre:
  image: opencti/connector-mitre:6.4.10
  environment:
    - OPENCTI_URL=http://192.168.56.1:8080
    - OPENCTI_TOKEN=1303ea1d-beba-47dd-9e74-6465ab1cc337
    - CONNECTOR_ID=Mitre
    - "CONNECTOR_NAME=Mitre Datasets"
    - CONNECTOR_SCOPE=tool,report,malware,identity,campaign,intrusion-set,attack-pattern,course-of-action,x-mitre-data-source,x-mitre-data
    - CONNECTOR_RUN_AND_TERMINATE=false
    - CONNECTOR_LOG_LEVEL=error
    - MITRE_REMOVE_STATEMENT_MARKING=true
    - MITRE_INTERVAL=7 # In days
  restart: always
  depends_on:
    opencti:
      condition: service_healthy
```



MITRE Datasets

Data import

NOT APPLI...

26.86K

ACTIVE

Jan 29, 2025, 6:02:...

INTRUSION SETS

168 ↑ 168 (24 hours)



MALWARE

622 ↑ 622 (24 hours)



MOST ACTIVE THREATS (LAST 3 MONTHS)



MOST TARGETED VICTIMS (LAST 3 MONTHS)

No entities of this type has been found.

MOST ACTIVE MALWARE (LAST 3 MONTHS)

