

Weekly CTF Task – TryHackMe Write-Up

Task Overview

As part of this week's cybersecurity learning activity, I attempted a beginner-friendly Capture The Flag (CTF) room on TryHackMe titled:

Room Name: Pickle Rick

The goal was to explore and complete the room by discovering hidden "ingredients" (flags) required by Rick to become human again.

Objectives

- Apply basic penetration testing techniques like enumeration, file searching, and privilege escalation
- Understand how to interact with a Linux-based machine through a browser-based terminal
- Practice capturing CTF-style flags in a controlled environment

Progress Summary

<u>Task</u>	<u>Status</u>
Total Flags	3 (ingredients)
Flags Captured	2
Completion Percentage	~66%
Experience Level	Beginner

Although I was not able to complete all three flags, I gave my best effort and successfully captured two out of three ingredients. As someone new to cybersecurity, this room was both challenging and exciting. It helped me gain a practical understanding of basic enumeration and Linux privilege escalation techniques.

Despite trying different enumeration methods, I was unable to locate all three ingredients. However, the learning experience was valuable, and I now have a much better understanding of how to interact with Linux systems, use basic commands, and escalate privileges.

Screen shots

This Rick and Morty-themed challenge requires you to exploit a web server and find three ingredients to help Rick make his potion and transform himself back into a human from a pickle.

Deploy the virtual machine on this task and explore the web application: 10.201.34.175

Answer the questions below

What is the first ingredient that Rick needs?

✓ Correct Answer

What is the second ingredient in Rick's potion?

✓ Correct Answer

What is the last and final ingredient?

✗ Submit

How likely are you to recommend this room to others?

1 2 3 4 5 6 7 8 9 10

TryHackMe | Learn Cy... view-source

Rick is sup4r cool http://10.201.34.175

```
<?xml version="1.0"?>
<!DOCTYPE html>
<html>
<head>
<title>Rick is sup4r cool</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=no" />
<link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" rel="stylesheet" />
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style>
.jumbotron {
    background-image: url("assets/rick-morty.jpg");
    background-size: cover;
    height: 340px;
}
</style>
</head>
<body>
<div class="container">
<div class="jumbotron">
<h1>Help Morty... I need your help!</h1>
<p>Listen Morty... I need your help! I need you to...<br/>
I have no idea what the <b>BURGRRR</b> is...<br/>
Note to self, remember username:<br/>
Username: RickRules</p>
</div>
</div>
</body>
</html>

```

Find in page 4min 39s

tryhackme.com/room/picklerick

Room progress (33%)

What is the first ingredient that Rick needs?

mr. meeseek hair

✓ Correct Answer

What is the second ingredient in Rick's potion?

Answer format: *****

Submit

What is the last and final ingredient?

Answer format: *****

Submit

How likely are you to recommend this room to others?

1 2 3 4 5 6 7

8 9 10

tryhackme.com/room/picklerick

A Rick and Morty CTF. Help turn Rick back into a human!

Easy 30 min

Help Save Room Options

Room progress (0%)

Chart

Zergbat05 c048 Mueller youod ytathm Cyc10 caseykarwatske Epts3nde Vaibhav00x0 bin ramsey

Rick is sup4r cool — Mozilla Firefox

Tue 5 Aug, 05:53 AttackBox IP:10.201.76.242

Sublime Text Sophisticated text editor for code, markup and prose

Rick Portal Commands Potions Creatures Potions Beth Clone Notes

Command Panel

Commands

Execute

1 jerry tear

tryhackme.com/room/picklerick

A Rick and Morty CTF. Help turn Rick back into a human!

Easy 30 min

Help Save Room Options

Room progress (0%)

Chart

Zergbat05 c048 Mueller youod ytathm Cyc10 caseykarwatske Epts3nde Vaibhav00x0 bin ramsey

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Rick Portal Commands Potions Creatures Potions Beth Clone Notes

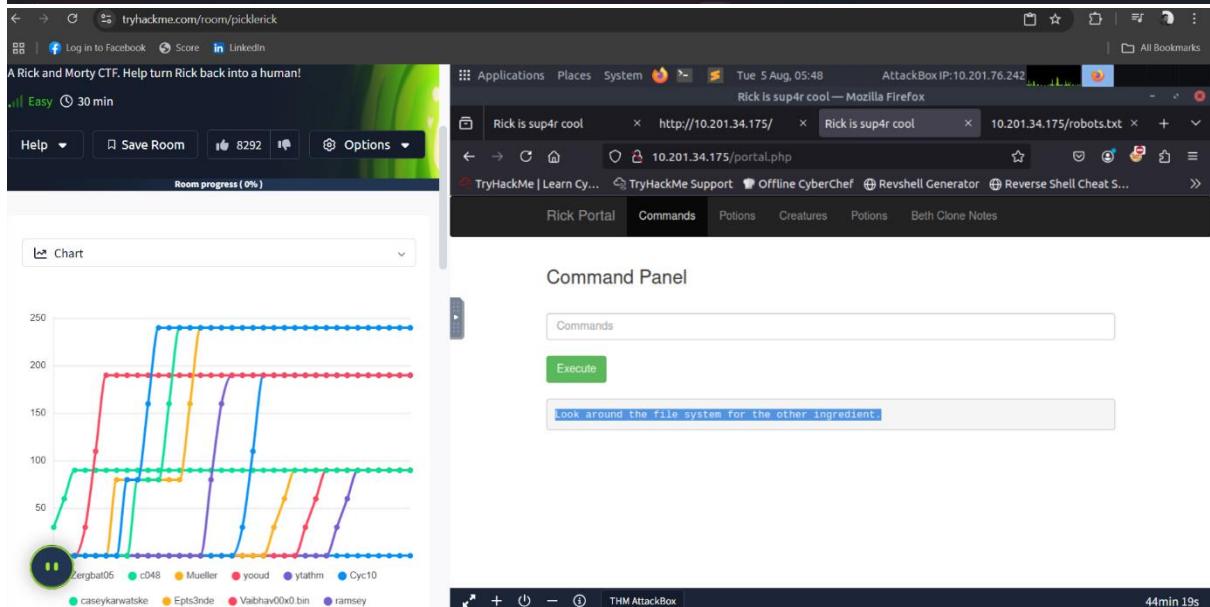
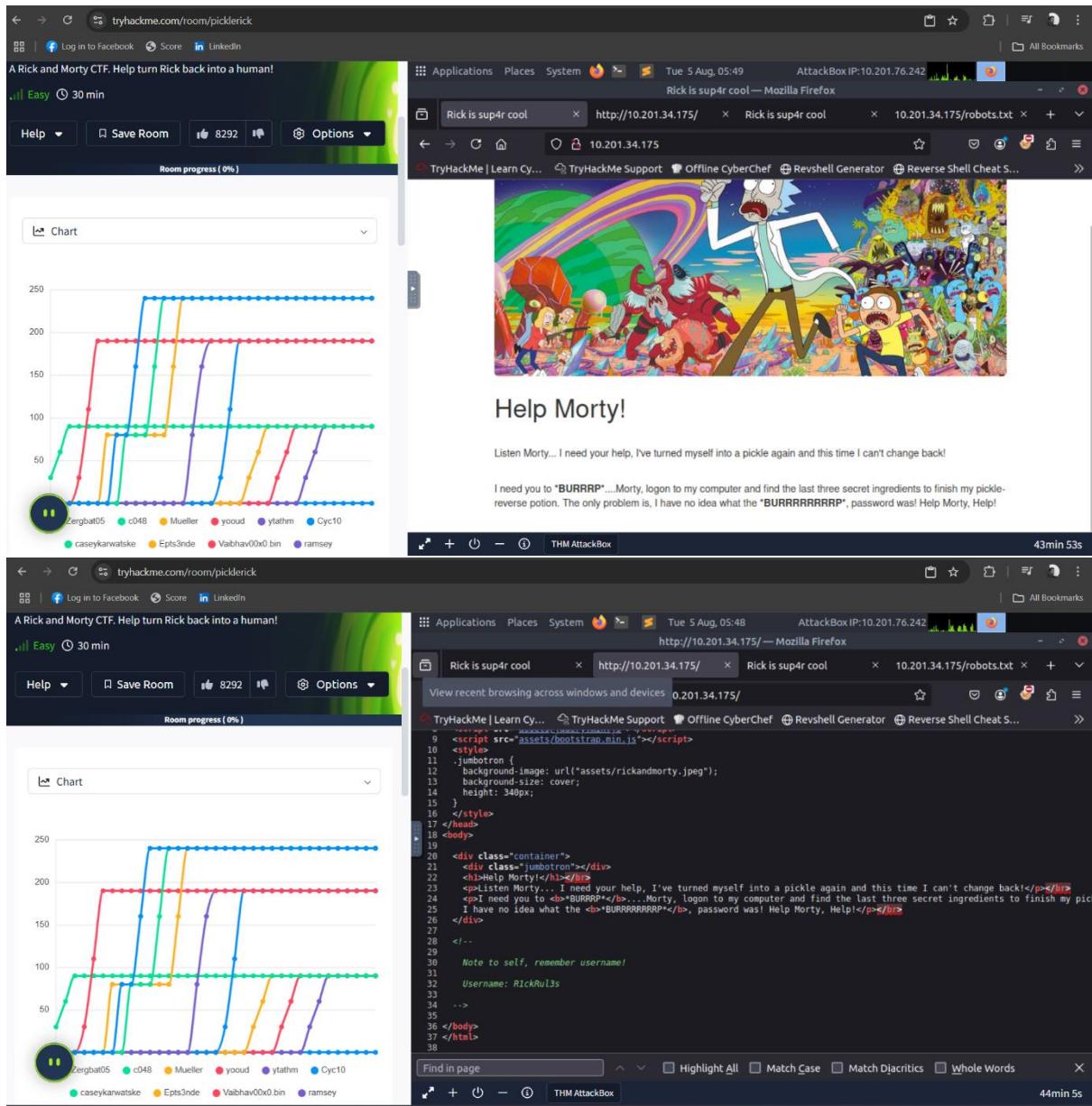
Command Panel

Commands

Execute

mr. meeseek hair

Go back one page (Alt+Left Arrow)
Right-click or pull down to show history



tryhackme.com/room/picklerick

Log in to Facebook Score LinkedIn

Room progress (0%)

Target Machine Information

Title	Target IP Address	Expires
Pickle Rick v2	10.201.117.211	57min 36s

? Add 1 hour Terminate

Task 1 Pickle Rick

Start Machine

Command Panel

Commands

Execute

drwxr-xr-x 50 root root 4096 Aug 5 04:18 .
drwxr-xr-x 24 root root 4096 Aug 5 04:18 ..
drwxr-xr-x 3 root root 4096 Aug 23 2021 .aspnet
-rw-r--r-- 1 root root 416 Nov 15 2024 .bash_aliases
lrwxrwxrwx 1 root root 9 Aug 16 2020 .bash_history -> /dev/null
-rw-r--r-- 1 root root 4238 Jun 22 22:12 .bashrc
drwxr-xr-x 3 root root 4096 Sep 1 2020 .bundle
-rw-r--r-- 1 root root 13154 May 6 2024 burp.json
drwx----- 5 root root 4096 Aug 22 2023 .BurpSuite
-rwx----- 29 root root 4096 Aug 5 04:49 .cache
drwxr-xr-x 5 root root 4096 Apr 10 2024 .cargo
drwx----- 32 root root 4096 Jun 6 11:16 .config
drwxr-xr-x 2 root root 4096 May 6 2024 CTFBuilder
drwx----- 3 root root 4096 Aug 16 2020 .dbus
drwxr-xr-x 4 root root 4096 May 23 09:44 Desktop
-rw-r--r-- 1 root root 23 Aug 13 2020 .dmrc
drwxr-xr-x 6 root root 4096 Aug 23 2021 .dotnet
drwxr-xr-x 2 root root 4096 Nov 19 2024 Downloads
drwxr-xr-x 3 root root 4096 Aug 14 2020 .gem
drwxr-x--- 3 root root 4096 Aug 14 2020 .ghidra
drwx----- 4 root root 4096 Nov 25 2024 .gnupg
drwxr-xr-x 8 root root 4096 Feb 11 2022 .gradle

Conclusion

This CTF helped me:

- Understand web-based shell interaction
- Use Linux commands for enumeration
- Perform basic privilege escalation with sudo
- Document and analyze findings

As a beginner, completing 66% of the room and capturing 2 out of 3 flags was a proud achievement. I look forward to improving my skills further with more CTFs in the coming weeks.