

# Try Hack Me Solutions

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[tryhackme.com](https://tryhackme.com) is a website containing cyber security problems/questions.

Try Hack Me is organized into rooms that might have many problems relating to a central theme. To attempt the problems, one needs to open a connection to AttackBox, a web-based connection to a Kali machine. Alternatively you can use OpenVPN. For free users there exists a time limit on using the machine, but people with subscriptions, it is unlimited max machine open is 3.

## Path

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1. Start with the tutorial which will help you set up
2. Next do an easy challenges such as [Vulniversity](#) although this one is a bit long and something like [Web Fundamentals](#) might be easier
3. Do some more easy/tutorial ones to get your feet wet

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## Tutorial

1. Start a machine, this will take ~ 1-2 minutes for pro accounts
2. (Recommended) have two windows if 2+ monitors, 1 for Kali Linux window and another for the instructions
3. Follow instructions to get the flag and submit it

## Web Fundamentals

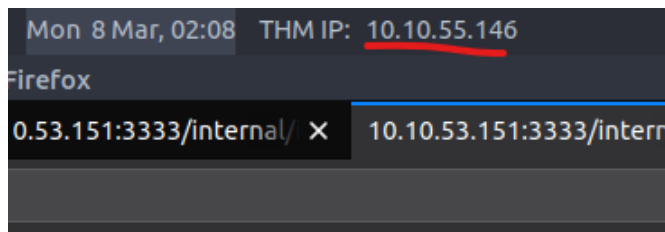
Good place to start out

Instead of using curl in the command line, using postman to send requests might be easier

## Vulniversity

1. Run `nmap -A -sC -p- -oN vul.nmap 10.10.IP ADDRESS HERE*` on the instance of Kali
2. Wait >10 minutes for it to resolve
3. Scan for hidden files by doing `gobuster dir -u http://<ip>:3333 -w /usr/share/wordlists`
4. Go to the `<ip>/internal/index.html` on firefox (**Make sure u aren't using http or https before the url**)
5. Follow the rest of the steps till yo get to injecting the PHP code

6. Make sure download the PHP file from GitHub, rename it to be a .phtml and change the IP to the TMP IP address



7. Save, upload, listen, then submit file

8. Then the netcat should allow you in such that you can gain control and find out things about the machine

9. Follow <https://n0w4n.nl/vulniversity/#crayon-60458bd07482b875406373> to gain admin privileges

10. Follow the rest of the instructions and you should be done! ☐

Resources:

- <https://n0w4n.nl/vulniversity/>
- [https://www.youtube.com/watch?v=hvYWCegfEZs&ab\\_channel=JohnHammond](https://www.youtube.com/watch?v=hvYWCegfEZs&ab_channel=JohnHammond)

## Burp Suite

Follow instructions, mostly straight forward

Task 6 (some step in the middle) the question that starts with "Return to your web browser and navigate to the web application hosted on the VM we deployed just a bit ago", implies localhost:8080, but does not work, literally just do tryhackme.com for that one request

## OpenVPN

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1. Download OpenVPN and install it
2. Download the configuration files from TryHackMe
3. Load the config file onto OpenVPN
4. Connect
5. ssh into server

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