



CYBERQUEST REPORT

My TryHackMe Beginner Lab Journey



April 18, 2025

TryHackMe Introductory Labs
Cybersecurity Internship Assignment Report

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Assignment: TryHackMe Introductory Labs

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Introduction

This report presents the structured documentation of my learning experience during the Cybersecurity Internship Program organized by **Digisuraksha Parhari** Foundation in association with **Infinisec Technologies Pvt. Ltd.** The program aimed to build a strong foundation in cybersecurity through hands-on learning using the **TryHackMe** platform, which offers interactive, gamified virtual labs.

As part of this assignment, I was required to complete a set of Nine introductory TryHackMe rooms, carefully selected to provide a gradual and thorough understanding of key cybersecurity concepts and practices. Each room was designed to focus on specific learning objectives such as:

- Understanding the TryHackMe platform interface and navigation
- Learning how to use in-browser terminals and launch virtual machines
- Gaining hands-on experience with Linux commands and file exploration
- Configuring and using OpenVPN to connect to secure lab environments
- Exploring fundamental cybersecurity concepts like the CIA Triad, hacker types, and job roles
- Building practical research skills using tools like whois, nslookup, and public vulnerability databases

This report documents the completion of all nine rooms in a standardized format for each:

-  Room Name and Link
-  Learning Objective
-  Key Tools/Commands Used
-  Concepts Learned
-  Walkthrough / How the Room Was Solved
-  Reflections or Notes

By completing this assignment, I have not only familiarized myself with the basic workflow of using TryHackMe but also acquired essential knowledge that will serve as the groundwork for more advanced topics in cybersecurity such as networking, ethical hacking, digital forensics, and penetration testing.

This report reflects both my technical growth and my increasing curiosity about the cybersecurity landscape. I am now more confident in navigating the cybersecurity ecosystem and eager to explore specialized domains within the field.

1. Hello World

Link: <https://tryhackme.com/room/helloworld>

🎯 Learning Objective:

To get a basic introduction to the TryHackMe platform, understand how rooms work, and try out your first task.

🛠️ Key Tools/Commands Used:

- TryHackMe in-browser terminal
- Linux command line
- Basic navigation commands: ls, cd, cat

🧠 Concepts Learned:

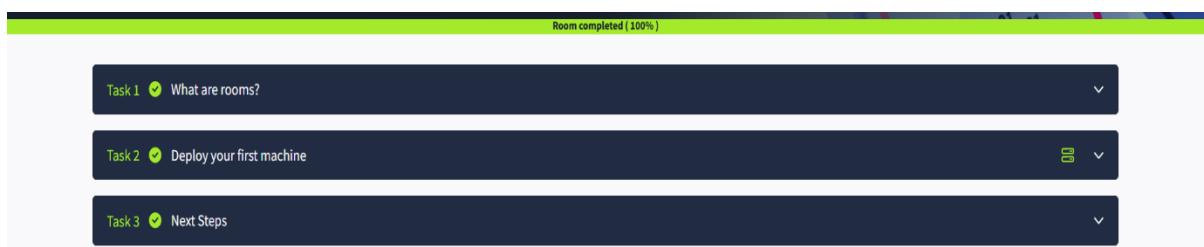
- What a TryHackMe room is
- How to interact with tasks
- Using an in-browser Linux terminal
- Viewing and reading files in a Linux system

🔍 Walkthrough / How You Solved It:

1. Clicked "Start Machine" to launch the virtual machine.
2. Used the web-based terminal to connect and interact with the machine.
3. Explored the filesystem using ls and cd.
4. Located the file containing the answer using cat filename.
5. Submitted the correct flag as required.

💡 Reflections or Notes:

This room was very simple and helpful in building confidence with TryHackMe. It taught me how to launch a machine and navigate the basics.



2. How to Use TryHackMe

Link: <https://tryhackme.com/room/howtousetryhackme>

🎯 Learning Objective:

Learn how to navigate the platform, start machines, and use the attack box.

🛠️ Key Tools/Commands Used:

- Attack Box
- Web-based Linux terminal

🧠 Concepts Learned:

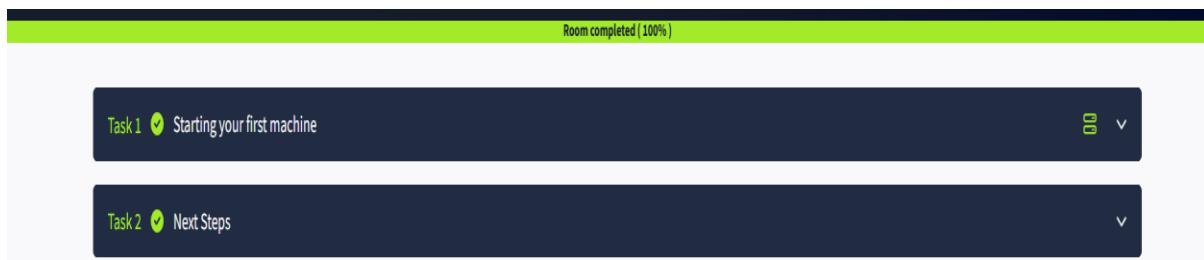
- Starting and interacting with rooms
- Using the attack box
- Submitting answers and flags

🔍 Walkthrough / How You Solved It:

1. Followed the tutorial instructions.
2. Started a machine and used the attack box.
3. Explored the machine to locate answers to simple questions.
4. Submitted the correct answers to proceed.

💡 Reflections or Notes:

This room helped me understand the basic workflow of solving TryHackMe labs.



3. Getting Started

Link: <https://tryhackme.com/room/gettingstarted>

🎯 Learning Objective:

Get familiar with TryHackMe and how to set up your machine (VPN or AttackBox).

🛠️ Key Tools/Commands Used:

- OpenVPN
- TryHackMe AttackBox

🧠 Concepts Learned:

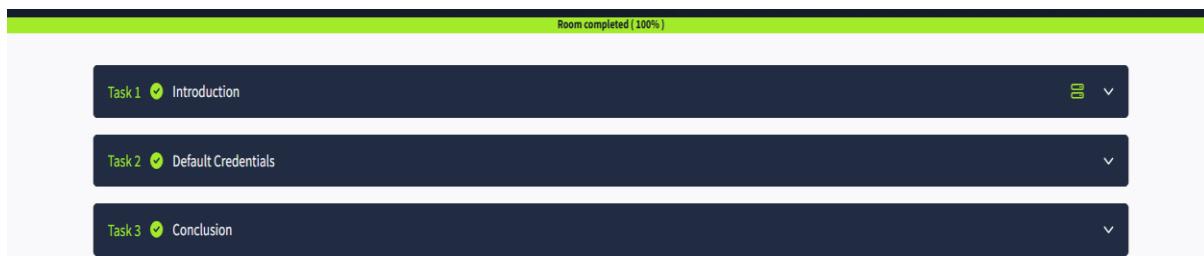
- Connecting to TryHackMe using OpenVPN
- Using the AttackBox as an alternative
- Basic Linux terminal navigation

🔍 Walkthrough / How You Solved It:

1. Installed OpenVPN and imported the configuration file.
2. Verified the VPN connection.
3. Alternatively tested the AttackBox.
4. Navigated to find flags and submit them.

💡 Reflections or Notes:

It was useful to know both VPN and AttackBox methods for solving rooms.



4. Welcome

Link: <https://tryhackme.com/room/welcome>

🎯 Learning Objective:

Introduce TryHackMe's learning paths, user profile, and community features.

🛠️ Key Tools/Commands Used:

- TryHackMe dashboard
- No commands needed

🧠 Concepts Learned:

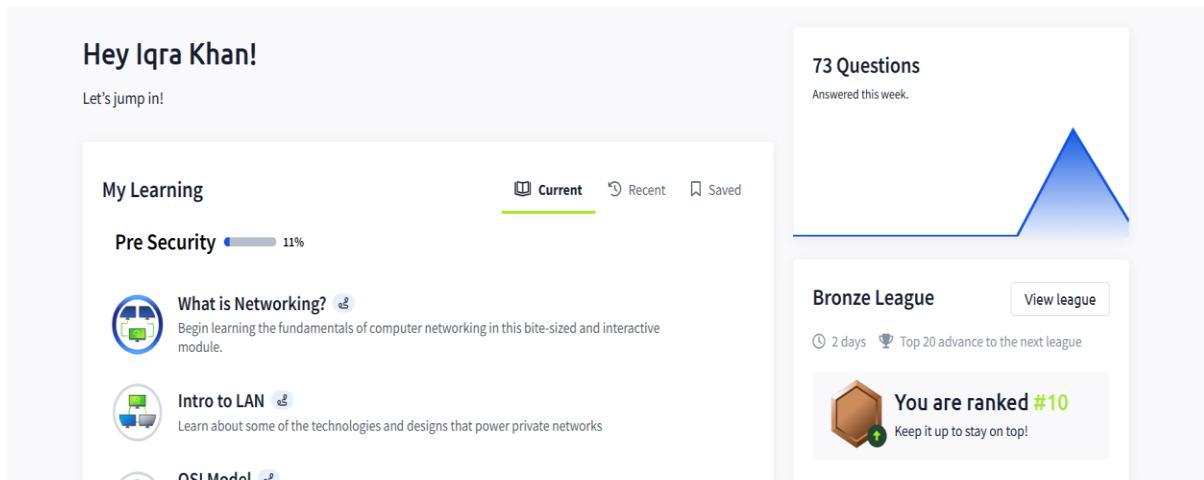
- What learning paths are
- How to set goals and track progress
- Importance of gamified learning

🔍 Walkthrough / How You Solved It:

1. Explored the user dashboard and profile.
2. Visited learning paths and set personal goals.
3. Answered basic questions based on the walkthrough.

💡 Reflections or Notes:

Motivated to pursue the full Beginner Path. The gamified XP system keeps things interesting.



5. TryHackMe Tutorial

Link: <https://tryhackme.com/room/tryhackmetutorial>

🎯 Learning Objective:

Learn how TryHackMe rooms are structured and how to answer questions.

🛠️ Key Tools/Commands Used:

- ls, cd, cat

🧠 Concepts Learned:

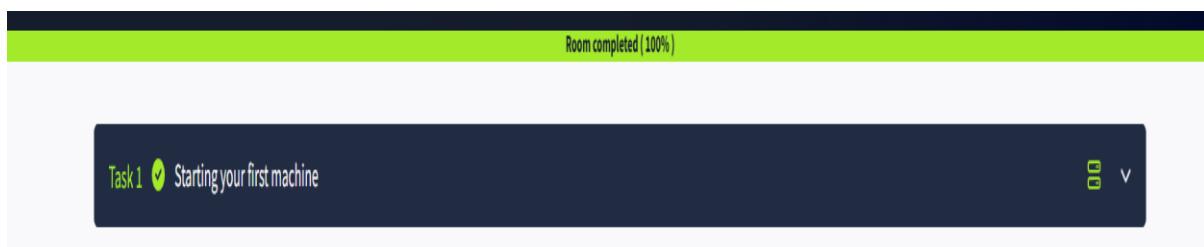
- Using terminal for navigation
- Identifying correct files
- Submitting answers through the platform

🔍 Walkthrough / How You Solved It:

1. Started machine and launched the attack box.
2. Found the flag by exploring folders.
3. Submitted the flag to complete the room.

💡 Reflections or Notes:

Easy to follow. Reinforced the basics of interacting with a Linux terminal.



6. OpenVPN Configuration

Link: <https://tryhackme.com/room/openvpn>

🎯 Learning Objective:

Set up and troubleshoot OpenVPN to access TryHackMe machines.

🛠️ Key Tools/Commands Used:

- openvpn
- .ovpn config file

🧠 Concepts Learned:

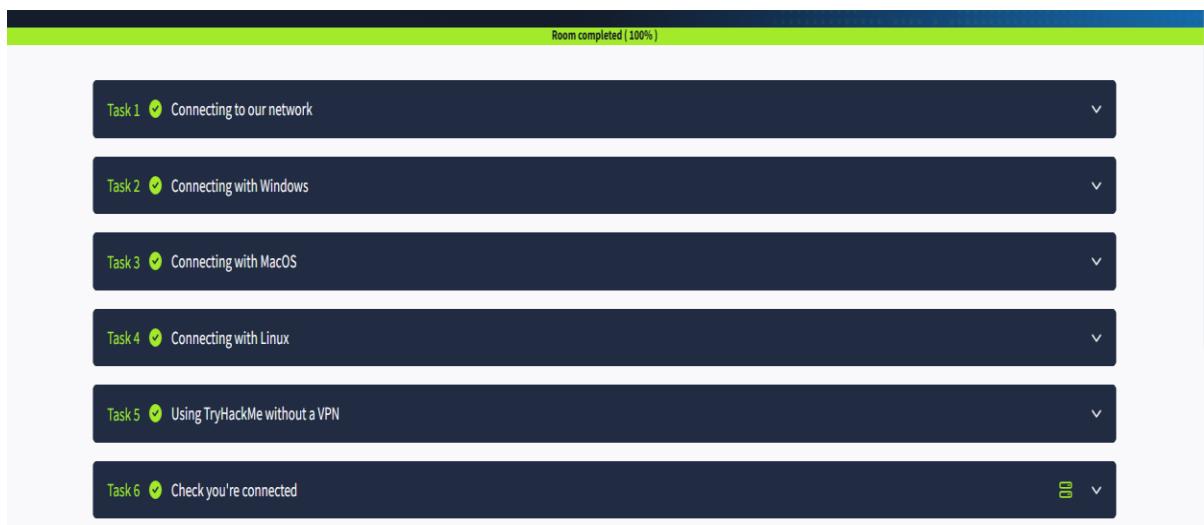
- How VPNs securely connect your system to TryHackMe
- Common VPN errors and fixes

🔍 Walkthrough / How You Solved It:

1. Downloaded the OpenVPN config file from the dashboard.
2. Ran sudo openvpn <filename.ovpn> to connect.
3. Checked VPN connectivity and solved the basic room tasks.

💡 Reflections or Notes:

Setting up OpenVPN gave me control over my local setup. A good alternative to AttackBox.



7. Beginner Path Introduction

Link: <https://tryhackme.com/room/beginnerpathintro>

🎯 Learning Objective:

Understand what the Beginner Path covers and how to approach it.

🛠️ Key Tools/Commands Used:

- No specific commands used

🧠 Concepts Learned:

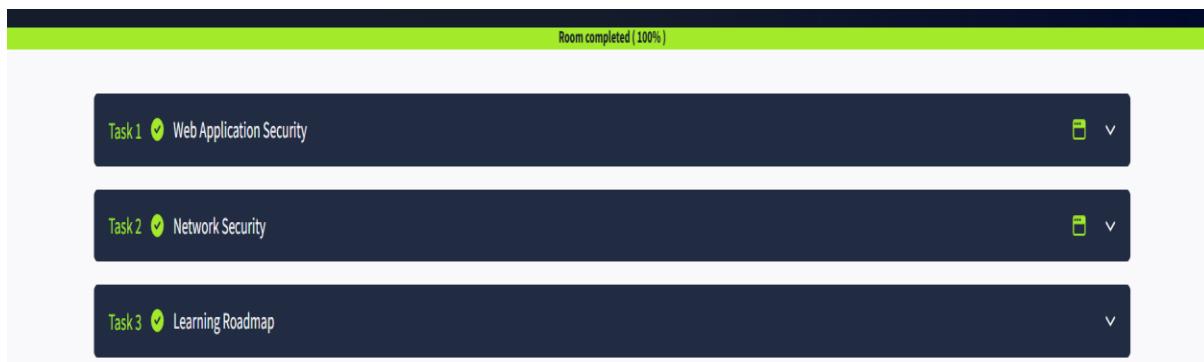
- Overview of beginner path rooms
- Roadmap of what to learn next

🔍 Walkthrough / How You Solved It:

1. Explored the beginner path and read about each module.
2. Answered simple questions about what to expect.
3. Understood the flow: starting from basics to real-world skills.

💡 Reflections or Notes:

Excited to dive deeper into networking, Linux, and web exploitation from this path.



8. Starting Out in Cyber Security

Link: <https://tryhackme.com/room/startingoutincyber>

🎯 Learning Objective:

Get introduced to the field of cybersecurity, basic terminologies, and roles.

🛠️ Key Tools/Commands Used:

- Web interface only

🧠 Concepts Learned:

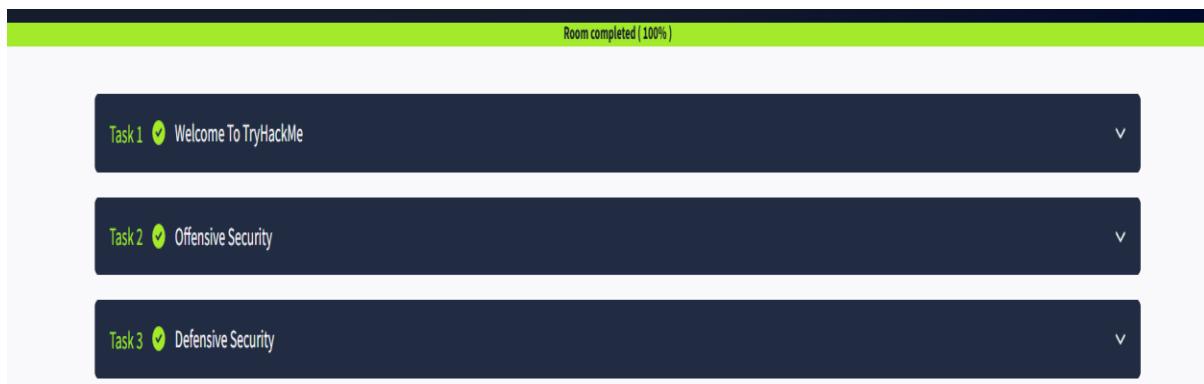
- Cybersecurity job roles
- CIA Triad (Confidentiality, Integrity, Availability)
- Types of hackers and attacks

🔍 Walkthrough / How You Solved It:

1. Read through all the modules (job roles, skills, hacking types).
2. Answered questions at the end of each module.

💡 Reflections or Notes:

Helped me understand where I can fit in the cybersecurity industry in the future.



9. Introduction to Research

Link: <https://tryhackme.com/room/inttoresearch>

🎯 Learning Objective:

Learn how to conduct effective research in cybersecurity.

🛠️ Key Tools/Commands Used:

- Google
- Whois
- nslookup
- Linux commands like man

🧠 Concepts Learned:

- How to search vulnerabilities
- How to find info about IPs and domains
- Using documentation and search engines efficiently

🔍 Walkthrough / How You Solved It:

1. Practiced using whois, nslookup, and man.
2. Used Google to search CVEs.
3. Answered scenario-based questions about research and tools.

💡 Reflections or Notes:

This room improved my Googling and documentation-reading skills—essential for real-world cybersecurity.

The screenshot shows a list of five tasks under a green header bar that reads "Room completed (100%)". Each task is represented by a dark blue box with a white checkmark icon and a downward arrow on the right side. The tasks are: Task 1 ✓ Introduction, Task 2 ✓ Example Research Question, Task 3 ✓ Vulnerability Searching, Task 4 ✓ Manual Pages, and Task 5 ✓ Final Thoughts.

Task	Status
Task 1	✓ Completed
Task 2	✓ Completed
Task 3	✓ Completed
Task 4	✓ Completed
Task 5	✓ Completed



Conclusion

The successful completion of all nine introductory TryHackMe rooms has provided me with a strong foundation in cybersecurity. Throughout this journey, I developed essential skills in:

- Linux terminal usage
- Basic cybersecurity concepts and job roles
- VPN configuration and secure network connections
- Using online research tools and documentation
- Navigating cybersecurity platforms like TryHackMe effectively

Each room was designed to build upon the previous one, starting from basic platform usage to more technical aspects like OpenVPN and information gathering techniques. The structured format of the rooms made learning interactive and practical, helping me apply theoretical knowledge in real-world scenarios.

This experience has not only enhanced my technical skills but also boosted my confidence in pursuing a career in the cybersecurity domain. I now feel more prepared to explore advanced rooms and specialized learning paths such as Web Exploitation, Network Security, and SOC Analyst tracks on TryHackMe.

This assignment has been an enriching and motivating start to my cybersecurity journey, and I am excited to continue learning and growing in this field.

Final Deliverable

File Name Format: Iqra_TryHackMeIntro_Report.pdf

Format: PDF

Submission Method: [Insert Google Form, email, or platform]

Deadline: Before 11:59 PM on 18th April

End of Report
