TryHackMe Room:
Hello World

- **Learning Objective**

The "Hello World" room on TryHackMe is designed as a friendly introduction for beginners who are just getting started with cybersecurity. Its main goal is to help users get familiar with how the platform works—things like navigating through different rooms, interacting with virtual machines, and completing basic tasks. It also introduces some fundamental cybersecurity concepts in a simple, hands-on way. This room sets the stage for more advanced learning by building confidence and showing users how to make the most of what TryHackMe has to offer.

- **Key Tools/Commands Used**

  - Web Browser: Used to access the TryHackMe platform.

  - TryHackMe Dashboard: Explored the interface and features.

  - Basic Navigation Commands: Learned how to move through rooms and access content.

- **Concepts Learned**

  1. Platform Overview:

     The "Hello World" room serves as an introduction to TryHackMe, helping users understand the platform's purpose and layout. It provides a basic rundown of key features like:

     - Learning Paths tailored for different experience levels.
     - Hands-on labs where users can practice cybersecurity skills in real environments.
     - Competitions such as "King of the Hill," which offer a fun, competitive way to apply what you've learned.

  2. Room Navigation:

     This section walks users through:

     - How to join rooms,
     - Complete tasks, and
     - Track their learning progress on the platform.

     It's designed to make new users feel comfortable moving through the different areas of TryHackMe.

  3. Cybersecurity Basics:

     The room also introduces some foundational cybersecurity concepts, including:

     - The basics of ethical hacking,
     - Principles of system and network security,
     - And how these concepts apply in real-world scenarios.

- **Walkthrough / How I Completed the Room**

  1. Accessing the Room:
     - Logged in using my TryHackMe credentials.
     - Entered the "Hello World" room via the provided link.

  2. Exploring the Content:
     - Followed along with the step-by-step instructions within the room.
     - Each task was designed to get me comfortable with the platform's layout and features.

 3. Hands-On Practice:
     - Completed simple, beginner-friendly exercises that demonstrated key cybersecurity ideas.
     - These hands-on tasks helped reinforce the learning in a practical way.

  4. Completion
     - After going through each section and understanding the content, I marked all tasks as complete.

- **Reflections or Notes:**

  - The "Hello World" room is a great entry point for anyone new to cybersecurity. It presents important concepts in a clear and easy-to-follow format.
  - The interactive nature of the platform really helps in developing a solid foundation through active learning.
  - Overall, it's a welcoming and engaging way to spark curiosity and get started on a journey into the world of cybersecurity.
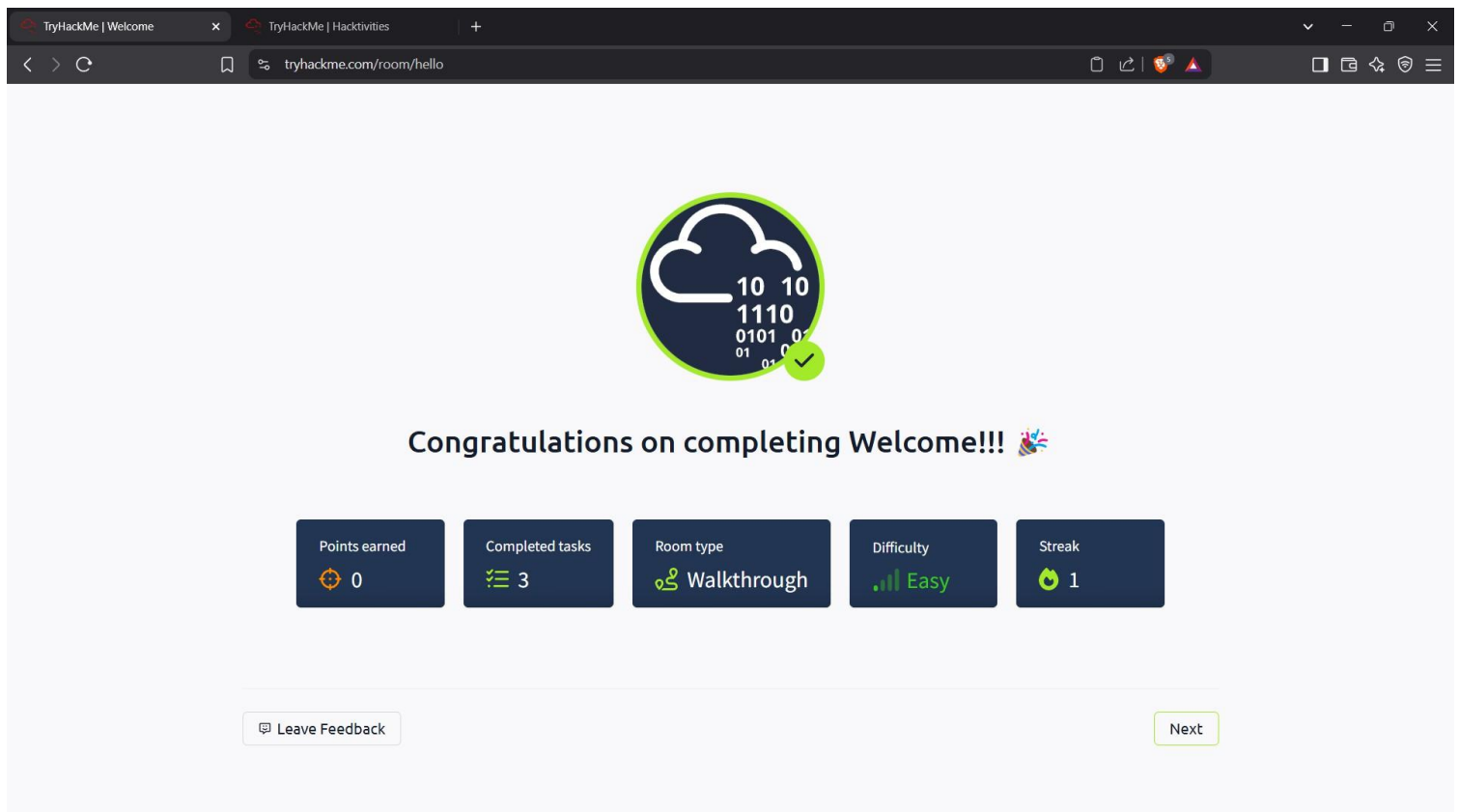
TryHackMe Room:
How to Use TryHackMe

- **Learning Objective**

The "How to Use TryHackMe" room is designed to help new users get comfortable with the platform. It walks you through the structure, features, and navigation of TryHackMe while providing a step-by-step guide on how to:

- Use the platform for cybersecurity learning,

- Complete tasks effectively, and

- Engage with interactive, hands-on labs.

- **Key Tools & Commands Used**

1. TryHackMe Dashboard:

   Explored the main interface, including sections like *Learn*, *Practice*, *Compete*, and *Networks*.

2. Interactive Labs:
   Gained experience in launching and working with virtual machines (VMs) and completing tasks.

3. VPN Configuration:
   Learned how to securely connect to TryHackMe's virtual labs using OpenVPN

- **Concepts Learned**

   ### 1. Platform Features

   - Overview of TryHackMe's key functionalities: learning paths, room types, challenges, and the leaderboard system.

   - Introduction to gamified elements such as earning points, maintaining learning streaks, and tracking progress.

   ### 2. Room Navigation

   - How to join rooms, complete tasks, and submit answers.

   - Understanding different room types—walkthroughs, challenges, and tutorials.

   ### 3. Hands-On Practice

   - Practiced accessing remote labs and using virtual machines for real-world cybersecurity scenarios.

   ### 4. Security Basics

   - Set up a secure VPN connection using OpenVPN to safely access TryHackMe's lab environments.

- **Walkthrough / How I Completed the Room**

    1. **Accessing the Room**

        o Logged into TryHackMe and opened the *"How to Use TryHackMe"* room using the provided link.

    2. **Exploring the Dashboard**

        o Navigated through main areas like:

        o Learn – for structured learning paths

        o Practice – for focused skill-building rooms

        o Compete – for participating in challenges and CTFs

        o Networks – for private or team-based lab environments

    3. **Completing Tasks**

        o Followed step-by-step instructions in the room.

        o Deployed VMs and connected to the TryHackMe network using the VPN.

        o Interacted with labs to complete practical exercises

    4. **Submitting Answers**

        o Answered task-based questions and marked them as complete after verifying understanding.

- **Reflections & Notes**

    o This room is an excellent onboarding experience for anyone new to TryHackMe or cybersecurity in general.
    o The gamified learning environment keeps things fun and engaging.
    o The combination of clear guidance and practical exercises makes it easy to build confidence and move on to more advanced topics.
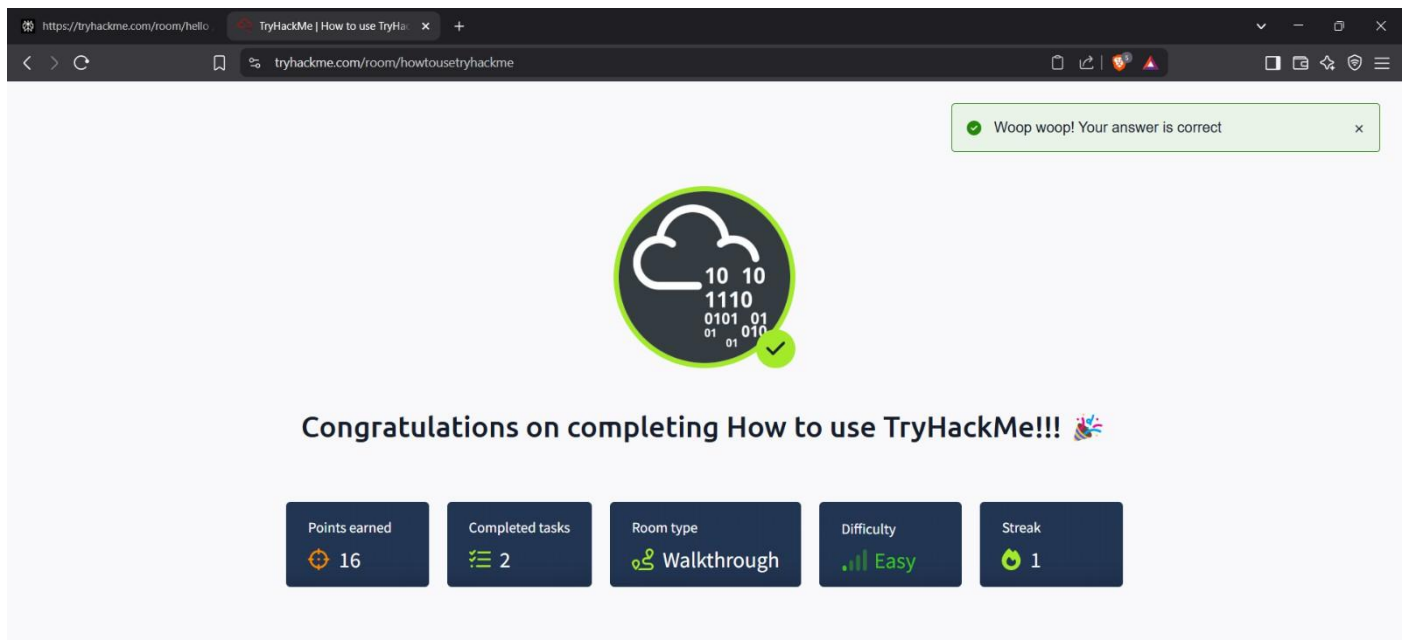
TryHackMe Room:
Getting Started

- **Learning Objective**

The "Getting Started" room is designed to help new users understand how to use TryHackMe effectively. It walks you through the platform's core features and helps you get comfortable with the initial steps required to kick off your cybersecurity journey. Key topics include:

- How to access and interact with labs

- Navigating different rooms and sections

- A basic introduction to cybersecurity concepts

- **Concepts Learned**

    1. **Platform Navigation**

    o Learned how to find and join rooms, complete tasks, and track learning progress.

    o Explored the dashboard sections to understand different learning and challenge formats.

    2. **Hands-On Labs**

    o Practiced deploying VMs and engaging in interactive exercises.

    o Understood the role of VPNs in creating a secure and isolated environment for labs.

    3. **Cybersecurity Basics**

    o Gained exposure to ethical hacking principles and core system security ideas.

    o Built a foundational understanding of how cybersecurity labs are structured.

    4. Gamification Features

    o Explored features that make learning fun: earning points, maintaining streaks, and climbing leaderboards.

Walkthrough / How You Solved It

1. Accessing the Room

- Logged into my TryHackMe account.

- Used the provided link to navigate to the *"Getting Started"* room.

2. Exploring the Content

- Followed step-by-step guidance in the room to understand the platform's layout and functions.

- Completed basic introductory tasks that demonstrated how to work with TryHackMe's tools.

3. Hands-On Practice

   - Deployed virtual machines and connected to them through the VPN.

   - Carried out simple cybersecurity exercises within the virtual lab environment.

4. Task Completion

   - Answered the room's questions based on my learning and interaction.

   - Marked each task as complete after successfully understanding the content.

- Reflections or Notes

- The "Getting Started" room is an ideal entry point for anyone new to TryHackMe or cybersecurity in general.
- It provides clear and structured guidance, making the learning process approachable.
- The emphasis on hands-on experience helps reinforce key concepts effectively.
- The gamified structure adds motivation and makes the platform more engaging.

Congratulations on completing Getting Started!!! 🎉

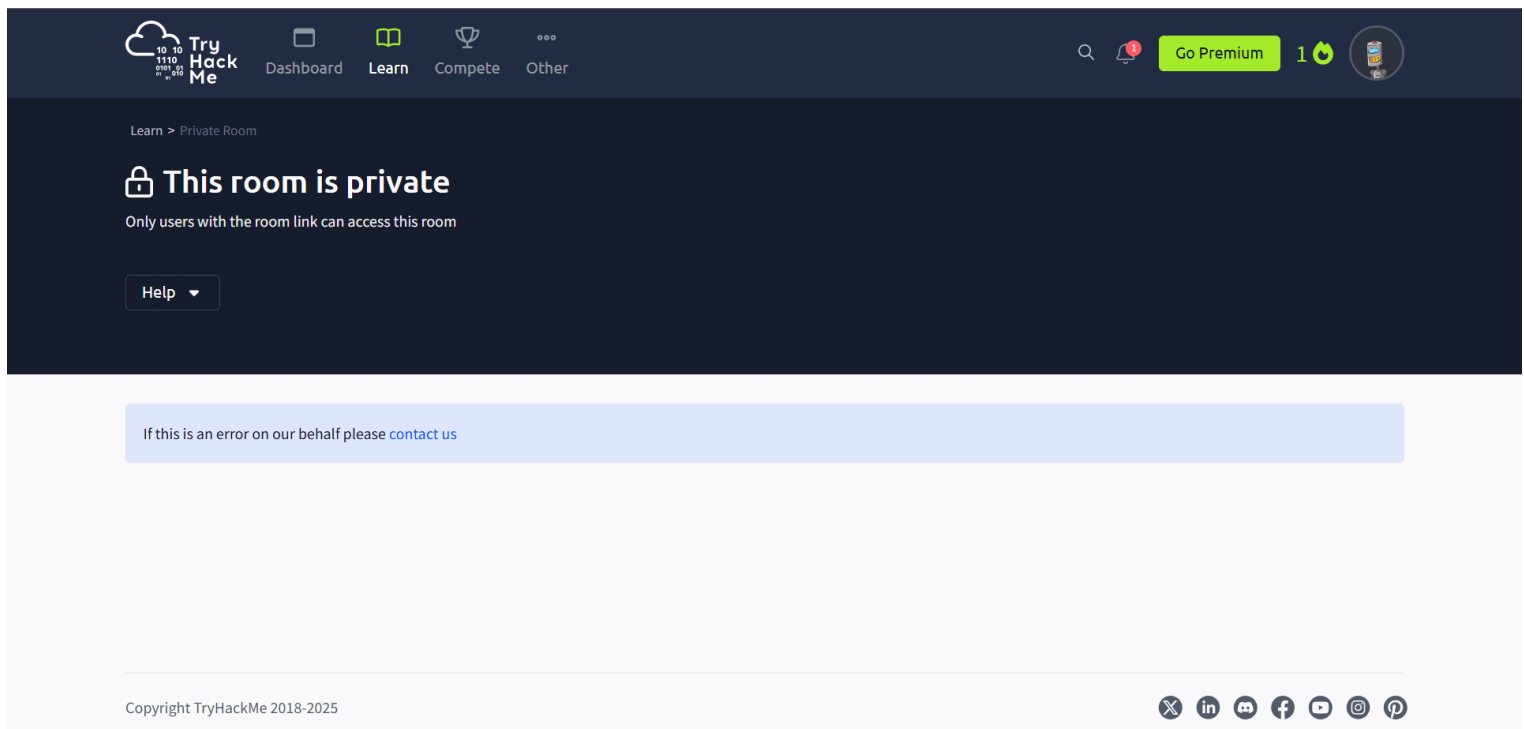| Points earned	Completed tasks	Room type	Difficulty	Streak
✛ 24	≔ 3	⚬ Walkthrough	..ıl Easy	🔥 1

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TryHackMe Room:
[Welcome](#)

- **Learning Objective**

The "Welcome" room on TryHackMe serves as a starting point for newcomers to get a sense of the platform's purpose and vision. It offers a high-level introduction to what TryHackMe is all about— highlighting its mission to make cybersecurity education accessible, hands-on, and engaging. This room sets the tone for the learning journey ahead by showing how users can grow their skills through interactive labs, gamified challenges, and structured learning paths.

Learn > Private Room

🔒 This room is private

Only users with the room link can access this room

Help ▾

If this is an error on our behalf please contact us

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TryHackMe Room:
[TryHackMe Tutorial](#)

- **Learning Objective**

The "TryHackMe Tutorial" room is designed to introduce users to the fundamental features and structure of the TryHackMe platform. It walks learners through essential concepts like room layout, task interaction, and hands-on engagement with virtual machines. The goal is to equip new users with the knowledge and confidence to navigate and use the platform effectively for their cybersecurity learning journey.

- **Concepts Learned**

1. **Room Structure**

- Understood the typical layout of a TryHackMe room, including:

- Sequential tasks

- Question formats (multiple-choice, short answer, practical)

- Access to helpful hints and explanations

2. **Task Interaction**

- Practiced using the hint system and in-task explanations to better understand cybersecurity concepts.

- Learned how to submit answers, check correctness, and track progress.

3. **Hands-On Practice**

- Gained experience in deploying VMs and using attack boxes to solve practical cybersecurity tasks in real-time.

- Observed how interactive learning strengthens retention and understanding.

4. **Navigation Techniques**

- Learned how to move between different rooms, paths, and learning resources efficiently.

- Developed familiarity with the platform's layout and organization.

- **Walkthrough / How I Completed the Room**

   1. Accessing the Room
   - Logged into my TryHackMe account and opened the *"TryHackMe Tutorial"* room using the provided link.

2. Exploring the Content
- Followed the step-by-step tutorial to get a feel for the platform's interface and features.
- Read each section carefully and used hints whenever needed for clarification.

3. Hands-On Practice
- Deployed virtual machines and launched attack boxes to engage in real-world-style tasks.
- Completed each task by interacting directly with the lab environment and submitting the required answers.

4. Review & Completion
- Reviewed all completed tasks to ensure I understood the key takeaways.
- Marked the room as complete after finishing all activities.

- Reflections & Takeaways
  - The "TryHackMe Tutorial" room is a must-do for beginners, offering a structured and easy-to-follow guide to the platform's core features.
  - It promotes active learning by encouraging users to explore, practice, and solve problems interactively.
  - Completing this room lays a solid foundation for navigating more advanced challenges and learning paths on TryHackMe.

Congratulations on completing Tutorial!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
⊕ 0	⁜ 1	⚙ Walkthrough	▁ Easy	🔥 2

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TryHackMe Room:
[OpenVPN](#)

- <u>Learning Objective</u>

 The "OpenVPN" room is designed to help users establish a secure connection to TryHackMe's network using OpenVPN. It guides learners through the full setup process—from downloading configuration files to verifying VPN connectivity—ensuring they can safely access and interact with remote labs.

- Key Tools & Commands Used
  - OpenVPN Client: Used to establish a secure VPN connection.
  - Terminal/Command Line: For installing OpenVPN and running connection commands.
  - ifconfig / ip addr: Utilities to check for active network interfaces and confirm VPN connectivity.

- Concepts Learned
  1. VPN Basics
     - Gained a foundational understanding of what a Virtual Private Network (VPN) is and why it's used in cybersecurity.
     - Learned how VPNs encrypt data and provide secure access to remote environments.

  2. OpenVPN Configuration
     - Learned how to download and use .ovpn files.
     - Understood how to configure and launch the OpenVPN client to connect to TryHackMe's internal network.

  3. Connectivity Verification
     - Practiced verifying successful VPN connection using command-line tools.
     - Identified the tun0 interface and confirmed the assigned VPN IP address.

  4. Troubleshooting
     - Gained insights into common VPN setup issues, including file permissions, connectivity errors, and misconfigured paths.
     - Learned practical tips for diagnosing and resolving connection problems.

- Walkthrough / How I Completed the Room
  1. Accessing the Room
  - Logged into my TryHackMe account and navigated to the *"OpenVPN"* room.

  2. Downloading the Configuration File
  - Followed the on-screen instructions to download my personalized .ovpn file.

  3. Installing the OpenVPN Client
  - Installed OpenVPN using terminal commands. Example for Linux:
        sudo apt-get install openvpn

  4. Connecting to the VPN
  - Used the command below to establish the connection:
        sudo openvpn <your_username>.ovpn

5. Verifying the Connection
- Ran ifconfig or ip addr to confirm the appearance of the tun0 interface and check the assigned IP address.
- Confirmed VPN was routing traffic properly by attempting to access lab content.

6. Completing the Tasks
- Answered task questions based on the connection setup and verification steps.
- Marked each task as complete after confirming successful VPN access.

- Reflections or notes
  - This room is essential for anyone starting out on TryHackMe—it ensures you can securely access labs and participate in hands-on exercises.
  - It provides valuable, real-world experience in setting up and verifying VPN connections—an important skill in many cybersecurity roles.
  - The troubleshooting section builds confidence by teaching you how to diagnose and fix common VPN issues

Congratulations on completing OpenVPN!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
0	6	Walkthrough	Easy	2

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TryHackMe Room:
[Beginner Path Introduction](#)

- **Learning Objective**
  The "Beginner Path Introduction" room on TryHackMe is crafted to give new users a clear roadmap of what to expect from the platform's Beginner Learning Path. It introduces the path's structure, key modules, and the core cybersecurity concepts that users will learn. The room sets the stage for a structured and progressive learning experience, helping users build foundational knowledge before moving on to more advanced topics.

- **Key Tools & Features Explored**

  - **TryHackMe Learning Paths:** Explored how learning paths are organized into modules that build on each other.

  - **Module Overviews:** Reviewed the objectives and skills associated with each section of the path.

  - **Room Previews:** Navigated through sample rooms to understand the kinds of exercises and challenges included.

- **Concepts Learned**

  ### 1. Learning Path Structure

  - Gained an understanding of how TryHackMe organizes content into modular paths, each with a specific focus.

  - Identified how the Beginner Path is divided into sections such as Cybersecurity Basics, Linux, Web Hacking, and Networking.

  ### 2. Module Content

  - Reviewed individual modules to understand the learning outcomes—for example:

    - Cybersecurity Fundamentals: Basic terminology and threat types.

    - Web Hacking: Introduction to vulnerabilities like XSS, SQLi.

    - Network Security: Tools and protocols used in protecting networks.

    - Understood the step-by-step progression from simple to more complex topics.

  ### 3. Skill Development

  - Recognized the core skills the path aims to develop, such as:

    - Command line navigation.

    - Recognizing and exploiting common vulnerabilities.

    - Analyzing network traffic.

    - Understood how each module provides hands-on labs to reinforce these skills.

  ### 4. Resource Utilization

  - Learned how to make the most of:

    - Tutorials and explanations within rooms.

- o Hints and walkthroughs for guided support.
  - o Supplementary materials to enhance understanding.

- **Walkthrough / How I Completed the Room**

  ### 1. Accessing the Room

  - Logged into TryHackMe and navigated to the *"Beginner Path Introduction"* room.

  ### 2. Exploring the Path

  - Read through the high-level overview of the Beginner Path.
  - Explored each module to see how topics are broken down and what skills are targeted.

  ### 3. Reviewing Module Content

  - Looked into various rooms within the modules (e.g., Linux Fundamentals, Intro to Web Hacking).
  - Noted the type of content and tasks—such as quizzes, write-ups, and practical labs.

  ### 4. Identifying Learning Resources

  - Located helpful tools like:
    - o Video explainers.
    - o Room walkthroughs.
    - o Knowledge checks and challenges.

  ### 5. Task Completion

  - Answered the room's questions based on the overview content and marked tasks as complete.

- **Reflections or notes**

  - The "Beginner Path Introduction" room acts as a compass for anyone just starting out on TryHackMe.
  - It clearly outlines the journey ahead, helping users mentally map their progression from beginner to intermediate cybersecurity skills.
  - The structured format, combined with gamified elements, keeps learners motivated and makes the platform more approachable.
  - Understanding this room is essential for setting the right expectations and using TryHackMe effectively throughout your learning journey.

Congratulations on completing Learning Cyber Security!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
⊕ 24	⋮≣ 3	⚬⚬ Walkthrough	▮▮ Easy	🔥 2

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TryHackMe Room:
Starting Out in Cyber Security

- **Learning Objective**

  The "Starting Out in Cyber Security" room is designed to introduce beginners to the cybersecurity industry. It offers a broad overview of various career roles, the skills required to succeed in the field, and how to approach learning in a structured and goal-oriented way. This room helps users evaluate potential career paths and understand the fundamentals of how to get started in cybersecurity.

- **Key Tools & Features Explored**

  - TryHackMe Learning Paths: Used to explore structured routes tailored to specific cybersecurity careers.

  - Cybersecurity Role Descriptions: Reviewed key roles, responsibilities, and core competencies.

  - Skill Assessments: Identified important technical and non-technical skills required across various jobs in the industry.

- **Concepts Learned**
  1. Cybersecurity Roles
  - Learned about different job roles such as:
    - Security Analyst
    - Penetration Tester
    - Security Engineer
  - Understood their core responsibilities, daily tasks, and how they fit within an organization's security strategy.

2. Essential Skills
- Identified key competencies like:
    - Networking and systems knowledge.
    - Scripting and automation.
    - Analytical thinking and problem-solving.
    - Communication and documentation skills.
- Emphasized the importance of ongoing learning and staying current in a fast-changing field.

3. Learning Paths
- Explored how TryHackMe structures learning paths tailored to different roles.
- Understood how to follow a guided progression of rooms and topics to build skills aligned with a chosen career path.

4. Career Planning
- Gained insight into:
    - How to start building a career from zero.
    - Setting short-term learning goals.
    - Mapping out long-term objectives like certifications, hands-on experience, and specialization.

- **Walkthrough / How I Completed the Room**
  ### 1. Accessing the Room
  - Logged into TryHackMe and navigated to the "Starting Out in Cyber Security" room.

  ### 2. Exploring Cybersecurity Roles
  - Carefully reviewed role descriptions.
  - Considered which roles align with personal interests and strengths.

  ### 3. Identifying Skill Requirements
  - Read about the technical and soft skills needed for various roles.
  - Compared those requirements to current skill levels and identified growth areas.

  ### 4. Exploring Learning Paths
  - Explored available TryHackMe learning paths like "Pre-Security", "Complete Beginner", or "Jr Penetration Tester".
  - Understood how to navigate and prioritize these paths to align with career goals.

  ### 5. Task Completion
  - Answered the room's built-in questions about roles, learning strategies, and skills.
  - Completed all sections and marked the room as finished.

- **Reflections or notes**

  - This room is an excellent starting point for anyone exploring a cybersecurity career.

  - It breaks down an often overwhelming field into clear, approachable paths.

  - Understanding the roles and expectations in cybersecurity helps set realistic and actionable learning goals.

  - The emphasis on skill-building and long-term planning makes this a foundational resource for future learning.

Congratulations on completing Starting Out In Cyber Sec!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
⊕ 16	☰ 3	⤳ Walkthrough	▪▫▫ Easy	🔥 2

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TryHackMe Room:
Introduction to Research

- **Learning Objective**

  The "Introduction to Research" room is designed to help users build foundational research skills vital for cybersecurity. It emphasizes how to effectively use search engines, evaluate source credibility, and navigate technical databases to gather security-related information. These skills are essential for vulnerability analysis, threat intelligence, and general problem-solving in cybersecurity.

- **Key Tools & Resources Used**
- Search Engines: Google, DuckDuckGo – for gathering open-source information.
- Security Databases:
    - NIST NVD (National Vulnerability Database)
    - CVE (Common Vulnerabilities and Exposures) listings
- Documentation & Whitepapers: Vendor sites, academic papers, and community-written technical docs.

- **Concepts Learned**

1. Effective Searching

- Learned how to:
    - Use search operators (like site:, "quotes", intitle:) to narrow results.
    - Frame specific queries for accurate outcomes.
- Practiced refining searches to filter noise and surface relevant technical data.

2. Evaluating Source Credibility

- Gained skills in:
    - Differentiating between reliable and unreliable sources.
    - Prioritizing official documentation, academic research, and vendor advisories.
    - Recognizing biases or outdated content.

3. Using Security Databases

- Explored:
    - NIST NVD for browsing publicly disclosed vulnerabilities.
    - CVE database to look up specific vulnerabilities by ID (e.g., CVE-2021-44228).
- Understood how to interpret entries, including CVSS scores and impact analysis.

4. Cybersecurity Research Methodologies

- Learned structured approaches for:
    - Threat research
    - Vulnerability assessment
    - Incident investigation
- Understood how to approach a research task methodically using verified data and analysis.

- **Walkthrough / How I Completed the Room**

  ### 1. Accessing the Room

- Logged into TryHackMe and opened the "Introduction to Research" room.

2. Practicing Search Techniques

- Used Google and DuckDuckGo to practice search operator techniques.
- Completed exercises that demonstrated how to retrieve targeted info quickly.

3. Evaluating Sources

- Reviewed a variety of websites and documentation.
- Assessed their credibility based on authorship, publication, and reputation.

4. Exploring Databases

- Navigated to NVD and searched for real-world vulnerabilities.
- Learned how to interpret CVE entries including severity, impact, and remediation advice.

5. Task Completion

- Answered knowledge-check questions related to:
  - Search techniques
  - Source evaluation
  - Database navigation and CVE analysis

- Reflections & Takeaways

  - This room is essential for building core cybersecurity research skills.
  - Understanding how to find and verify information helps in nearly all areas of security—from red teaming to blue teaming.
  - Practicing structured research helps you stay current, informed, and effective when dealing with new threats and technologies.
  - The ability to critically analyze sources and extract technical detail is a key differentiator in becoming a skilled security professional.

Congratulations on completing Introductory Researching!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
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