Precamp TryHackme intro

# learning outcomes

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* Register for TryHackMe online learning platform
* Get exposed to the free modules available on the platform
* Work on completing the Linux Fundamentals path including three modules

# lesson

**Warm Up:** Let's Defend provides students with a valuable opportunity to develop practical skills that directly translate to the real world of cybersecurity. Through its interactive modules and challenges, Let's Defend exposes students to realistic scenarios and simulated network environments, allowing them to apply their knowledge and problem-solving abilities. By actively engaging in hands-on activities, students gain firsthand experience in identifying and mitigating various security threats, such as network attacks, vulnerabilities, and breaches. This practical exposure helps bridge the gap between theoretical concepts and their practical implementation, preparing students to tackle real-world cybersecurity challenges with confidence.

Moreover, Let's Defend offers a collaborative learning environment where students can engage in team-based challenges and share insights with their peers. This collaborative approach mirrors the dynamics of real-world cybersecurity teams, where effective communication, teamwork, and information sharing are essential. By working together on complex challenges, students develop critical skills like communication, collaboration, and adaptability, which are crucial for success in the professional cybersecurity landscape. The platform also provides opportunities for students to analyze and learn from the strategies and techniques employed by others, helping them gain a broader perspective and cultivate a continuous learning mindset that is vital for a career in cybersecurity. Overall, Let's Defend equips students with practical skills, fosters teamwork, and promotes a proactive approach to cybersecurity, preparing them to excel in the real-world scenarios they may encounter in their professional journey.

**Lesson:**

TryHackMe - Linux Fundamentals

Part 1: Introduction to TryHackMe

TryHackMe is an interactive platform designed to provide hands-on cybersecurity training and practical learning experiences. Through a series of virtual rooms, students gain exposure to real-world scenarios and challenges, enabling them to develop essential skills in a controlled environment. This exercise will guide you through the process of signing up for TryHackMe and completing the Linux Fundamentals series of modules.

Part 2: Signing Up for TryHackMe and Completing Linux Fundamentals

1. Open your web browser and navigate to the TryHackMe website (<https://tryhackme.com/>).
2. Click on the "Sign Up" button at the top-right corner of the page.
3. Fill in the required information, including your email address, desired username, and password.
4. Accept the terms of service and privacy policy, then click on the "Sign Up" button to create your TryHackMe account.
5. Once logged in, go to the search bar at the top-right corner of the page and type "Linux Fundamentals."
6. Look for the "Linux Fundamentals Part 1" room and click on it to access the module's page.

A screenshot of a computer

Description automatically generated with medium confidence

1. Read the room's description and click on the "Deploy" button to launch the virtual machine.
2. Wait for the virtual machine to deploy, and once it's ready, click on the "Start Machine" button.
   1. Note that as a free user, you only get a limited amount of time per day to use this virtual machine, so MAKE SURE YOU ARE READY before hitting start.
3. Follow the instructions provided in the room to complete the tasks and challenges in the Linux Fundamentals Part 1 module.
4. Document your progress, including any flags or important findings you come across, in a separate document for future reference.
5. Once you've completed the Linux Fundamentals Part 1 module, try to complete parts 2 and 3 here:

<https://tryhackme.com/jr/linuxfundamentalspart2>

<https://tryhackme.com/jr/linuxfundamentalspart3>

Note: Remember to follow ethical guidelines and obtain proper permission when applying the knowledge gained on the TryHackMe platform.

Congratulations on taking your first steps towards mastering Linux fundamentals through TryHackMe! This exercise provides an opportunity to gain hands-on experience and develop practical skills that are vital in the cybersecurity field. Keep exploring TryHackMe's resources and modules to continue your cybersecurity journey.