Exp No: 1 INTRODUCTION TO WINDOWS 1

Date:

Aim:

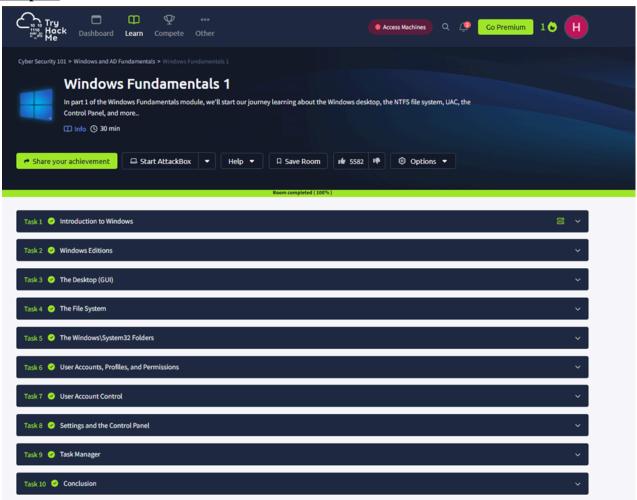
To understand and explore the fundamentals of the Windows operating system, including key components such as the file system, command prompt (CMD), task manager, and registry, to build a strong foundation for cybersecurity and system administration in the TryHackMe platform.

Algorithm:

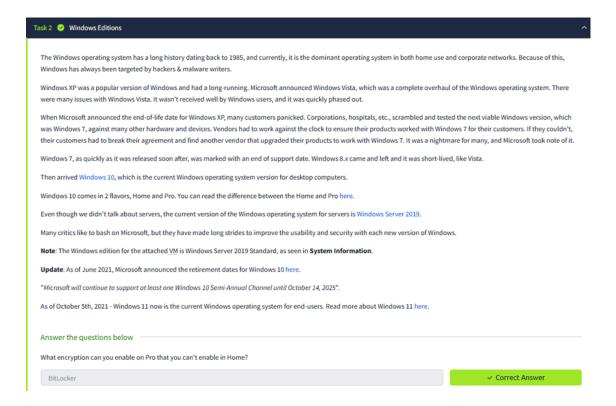
- 1. Access the lab in TryHackMe platform using the link below-
- 2. https://tryhackme.com/r/room/windowsfundamentals1xbx
- 3. Click Start a Machine and AttackBox to run the instance of Kali Windows
- 4. distribution.
- 5. Solve the task questions starting with Windows OS edition and Desktop GUI.
- 6. Understand the importance of the NTFS file system and features.
- 7. Learn about the Windows folder and environmental variables for the Windows directory.
- 8. Learn Local User and Group Management.
- 9. Learn User Account Control and Practice in a Virtual Machine.
- 10. Do Control Panel setting Network & Internet setting.

11. Learn Task Manager – applications and process running and performance of CPU & RAM.

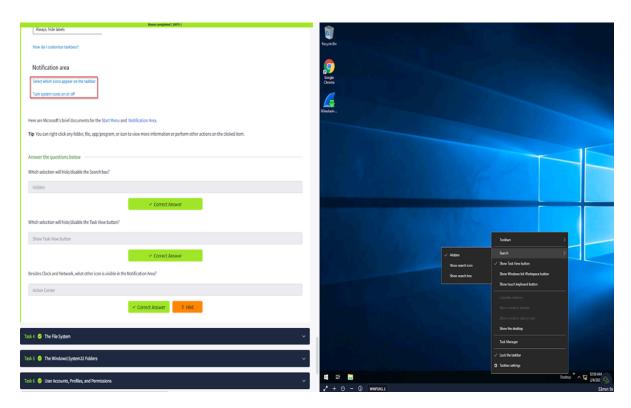
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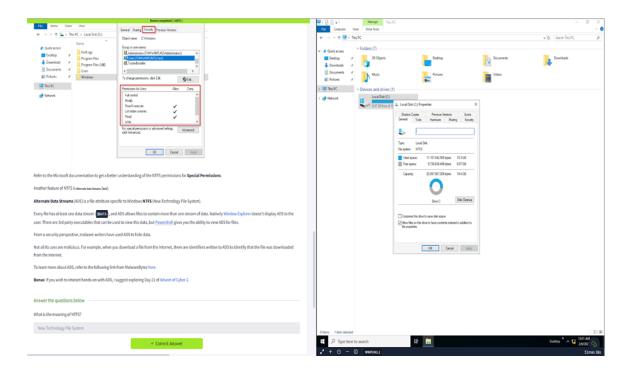
Task 2:



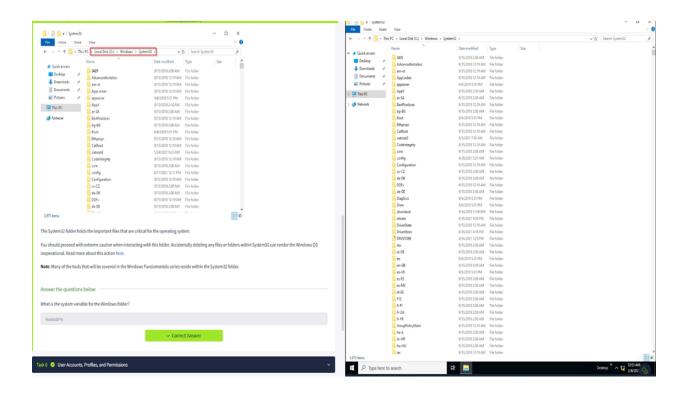
Task 3:



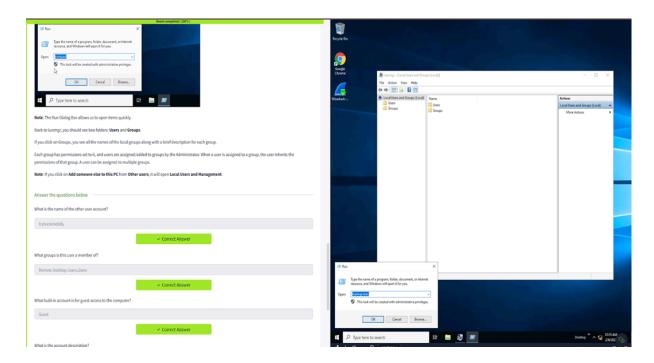
Task 4:



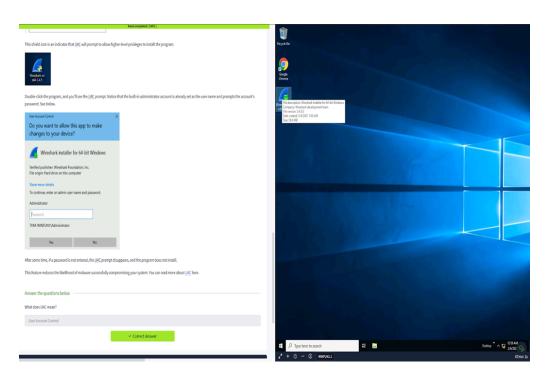
Task 5:



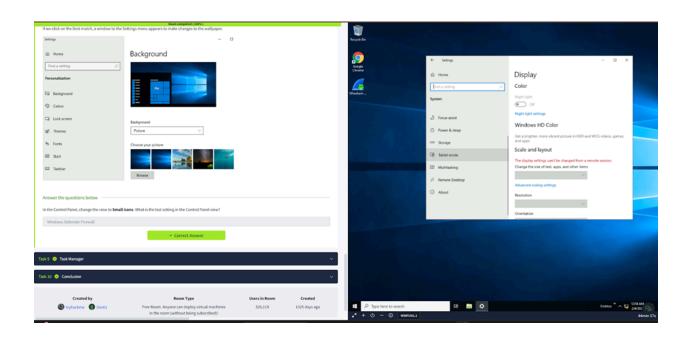
Task 6:



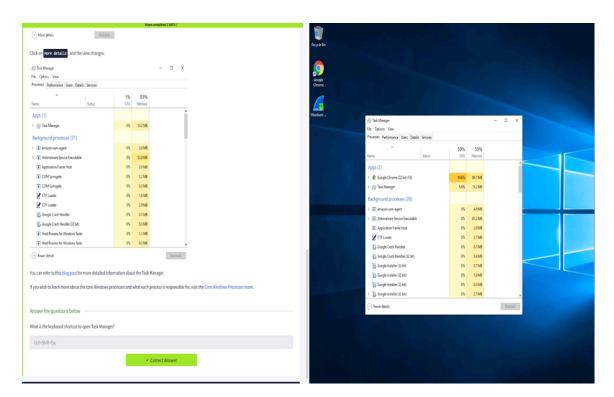
Task 7:



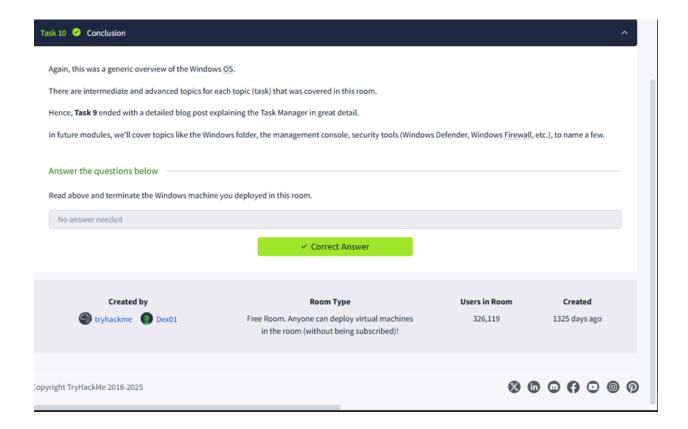
Task 8:



Task 9:



Task 10:



Observation:

1. Remote Desktop/Virtual Machine:

- Accessing Windows through an Instance of Virtual Machine.
- Using Remote Desktop

2. Windows Edition:

- Various Windows edition and their unique features compared to the before one
- Popular versions of Windows

3. Graphical User Interface of Windows:

- The Desktop GUI
- Unique Features of Each Windows

4. The File System:

- New Technology File System
- Partition in the file system (FAT16/FAT32)
- Encryption File System

5. Windows Config files, User Accounts, Profiles:

- Having multiple profiles for the same user.
- Storing the configuration files in the System32 folder of Windows

6. User Access Control, Settings, Task Manager:

- Using the control panel to easily access the files and folders.
- Using the run command to access the applications directly
- Using the settings to manipulate the desktop

Result:

This experiment provides a practical introduction to Windows system fundamentals, enabling us to navigate, manage, and analyze system components efficiently.