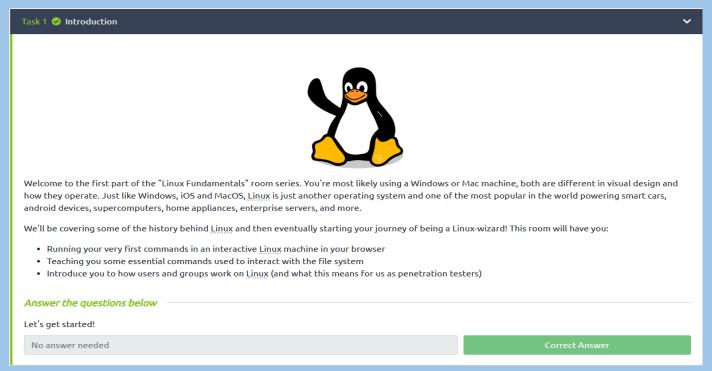
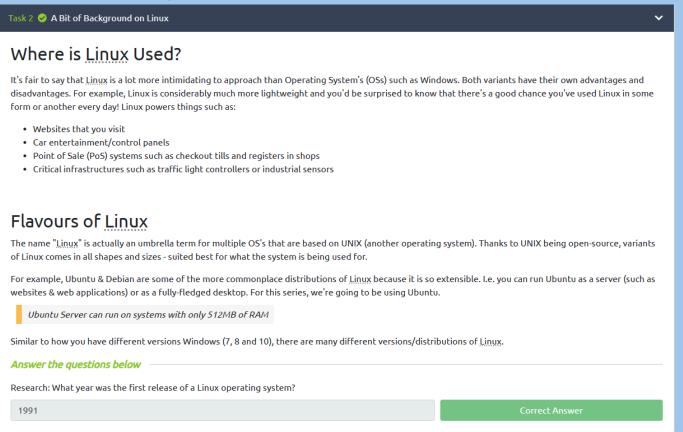
Linux Fundamentals Part 1:- Embark on the journey of learning the fundamentals of Linux. Learn to run some of the first essential commands on an interactive terminal.

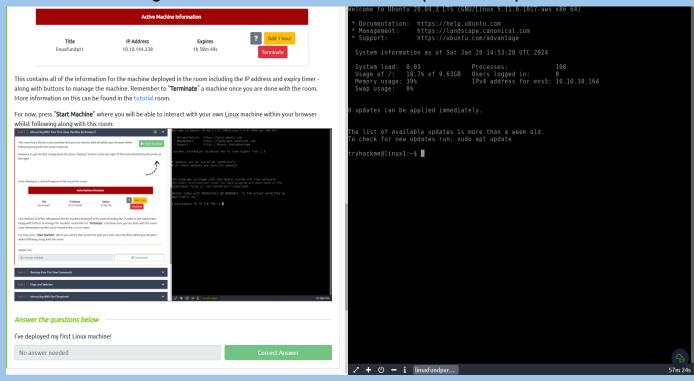
Task 1:- Introduction



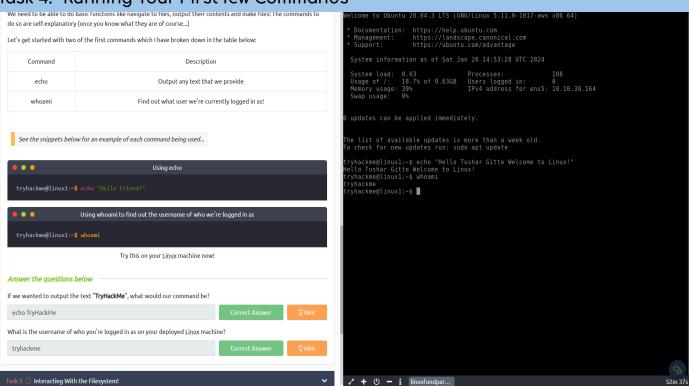
Task 2:- A Bit of Background on Linux



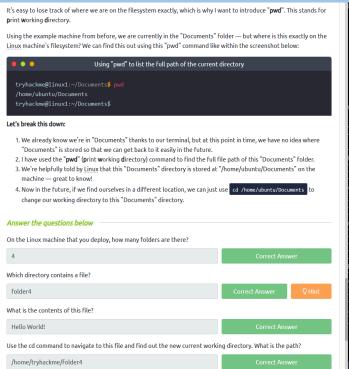
Task 3:- Interacting With Your First Linux Machine (In-Browser)



Task 4:- Running Your First few Commands



Task 5:- Interacting With the Filesystem!

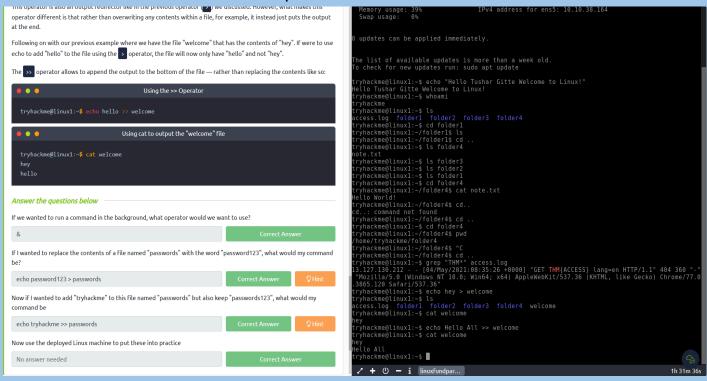




Task 6:- Searching for Files

```
contents of files for specific values that we are looking for.
Take for example, the access log of a web server. In this case, the access.log of a web server has 244 entries.
                                 Using "wc" to count the number of entries in "access.log"
Using a command like cat isn't going to cut it too well here. Let's say for example if we wanted to search this log file to
see the things that a certain user/IP address visited? Looking through 244 entries isn't all that efficient considering we
want to find a specific value.
We can use grep to search the entire contents of this file for any entries of the value that we are searching for. Going
with the example of a web server's access log, we want to see everything that the IP address "81.143.211.90" has visited
(note that this is fictional)
                   Using "grep" to find any entries with the IP address of "81.143.211.90" in "access.log"
   tryhackme@linux1:~$ gnep "81.143.211.90" access.log
81.143.211.90 -- [25/Mar/2021:11:17 + 0000] "GET / HTTP/1.1" 200 417 "-" "Mozilla/5.0
(Linux; Android 7.0; Moto G(4))"
   tryhackme@linux1:~$
 "Grep" has searched through this file and has shown us any entries of what we've provided and that is contained within
this log file for the IP.
Answer the questions below
Use grep on "access.log" to find the flag that has a prefix of "THM". What is the flag?
And I still haven't found what I'm looking for!
No answer needed
```

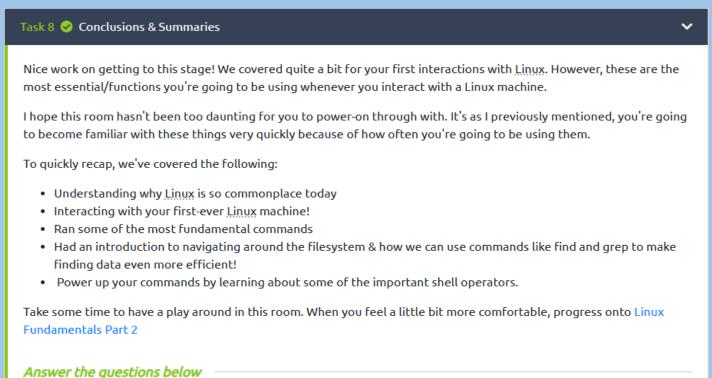
Task 7:- An Introduction to Shell Operators



Task 8:- Conclusions & Summaries

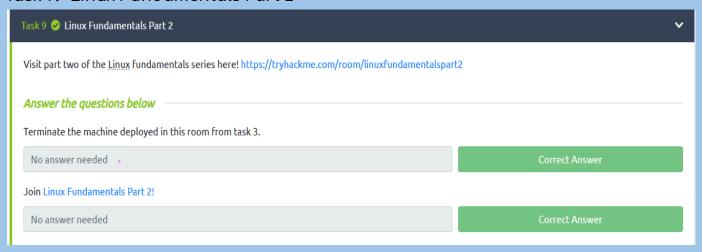
I'll have a play around!

No answer needed



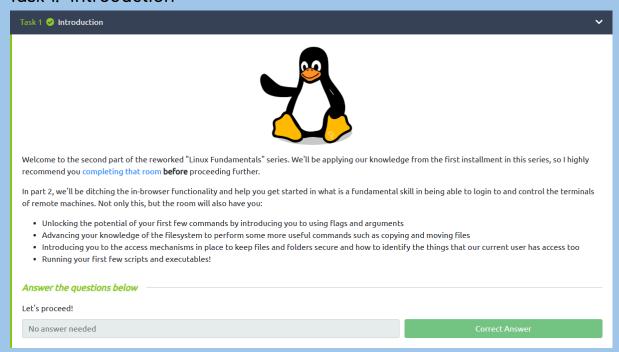
Correct Answer

Task 9:- Linux Fundamentals Part 2

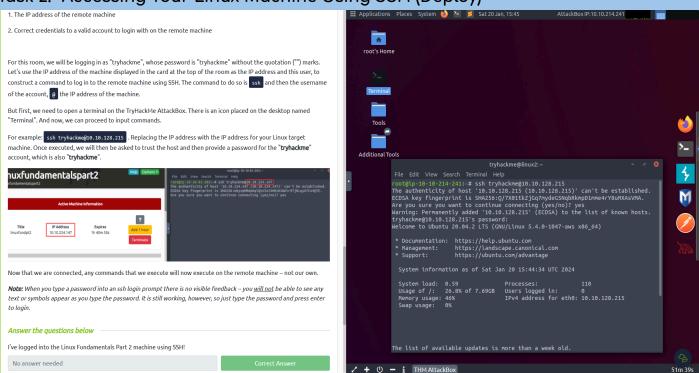


Linux Fundamentals Part 2:- Continue your learning Linux journey with part two. You will be learning how to log in to a Linux machine using SSH, how to advance your commands, file system interaction.

Task 1:- Introduction

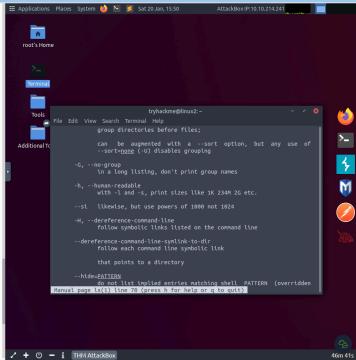


Task 2:- Accessing Your Linux Machine Using SSH (Deploy)

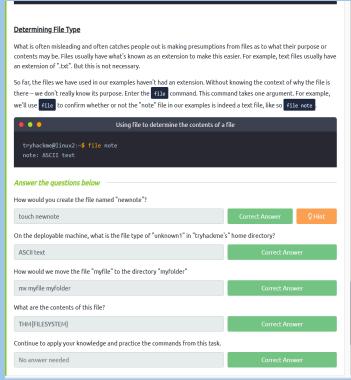


Task 3:- Introduction to Flags and Switches



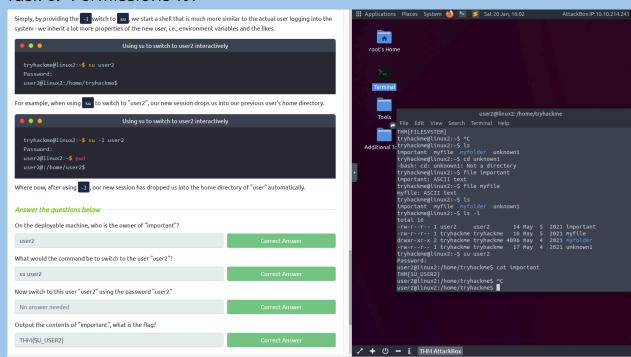


Task 4:- Filesystem Interaction Continued

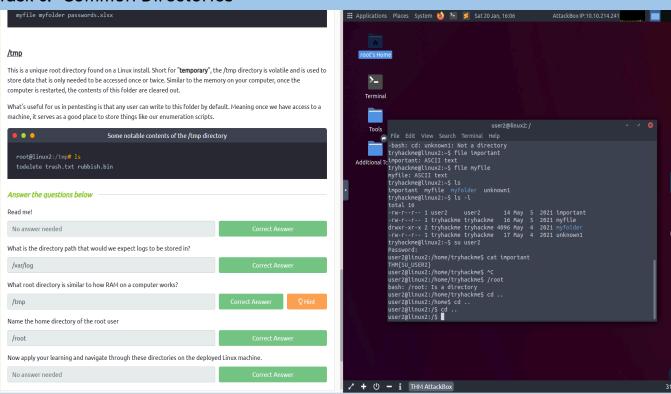




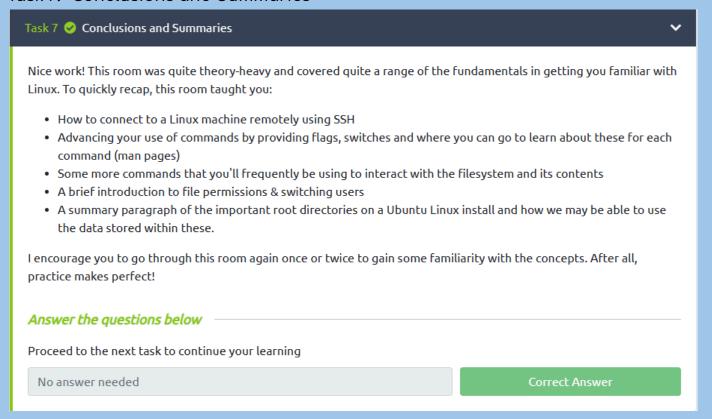
Task 5:- Permissions 101



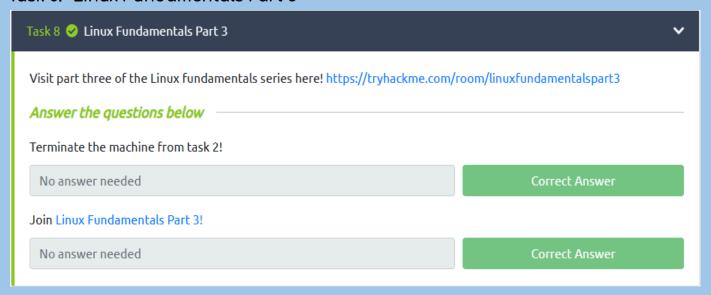
Task 6:- Common Directories



Task 7:- Conclusions and Summaries

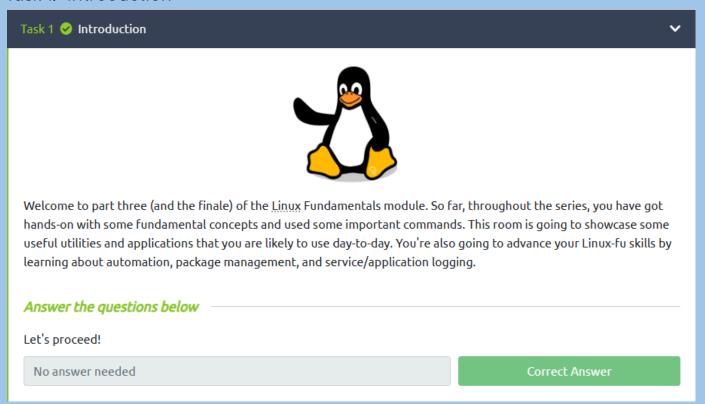


Task 8:- Linux Fundamentals Part 3

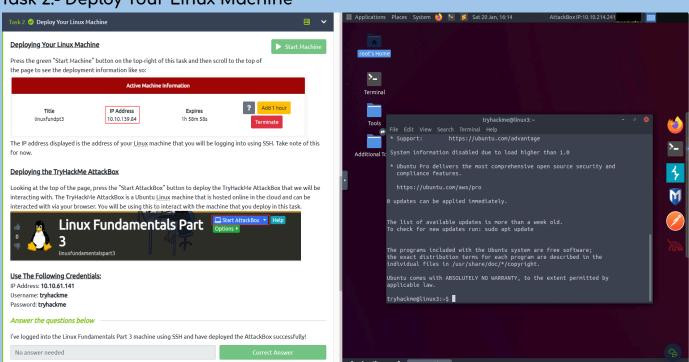


Linux Fundamentals Part 3:- Power-up your Linux skills and get hands-on with some common utilities that you are likely to use day-to-day!

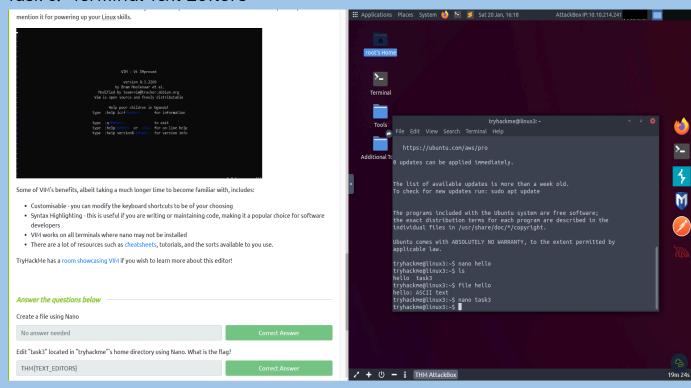
Task 1:- Introduction



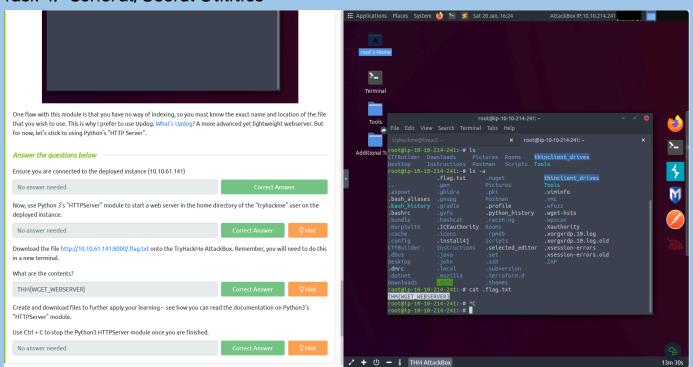
Task 2:- Deploy Your Linux Machine



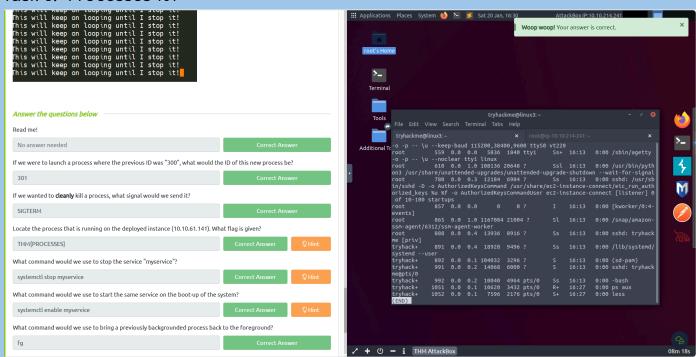
Task 3:- Terminal Text Editors



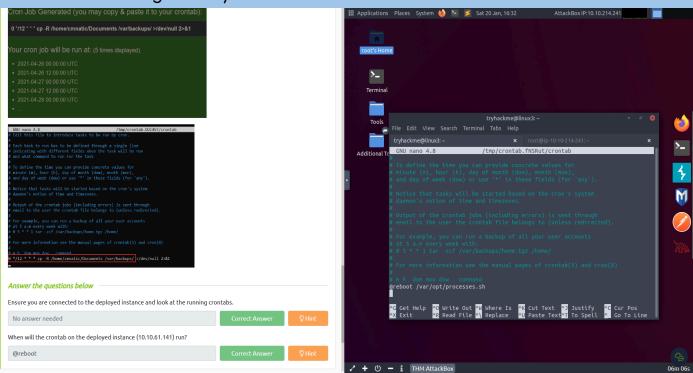
Task 4:- General/Useful Utilities



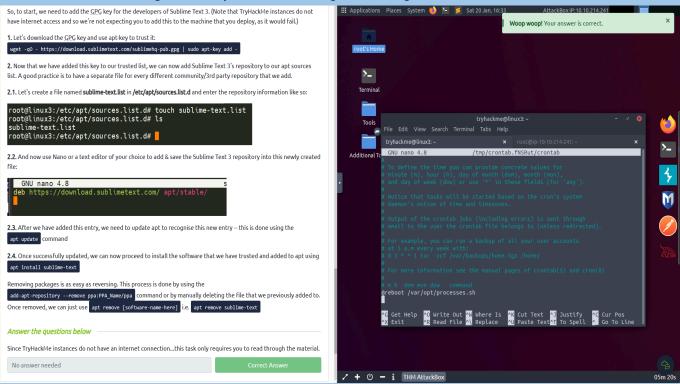
Task 5:- Processes 101



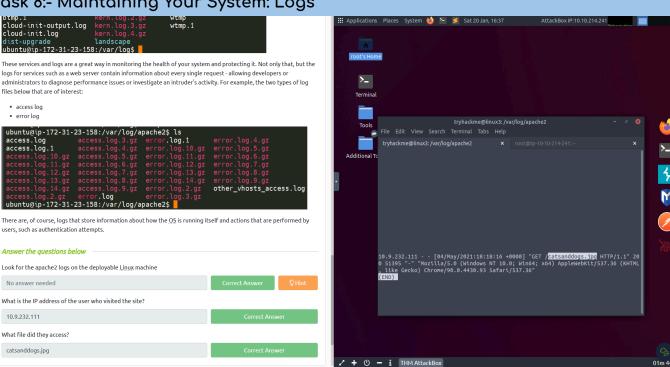
Task 6:- Maintaining Your System: Automation



Task 7:- Maintaining Your System: Package Management



Task 8:- Maintaining Your System: Logs



Task 9:- Conclusions & Summaries

