

**NAMA: MAHARANI SURYANING NASTITI**

**NIM: 2231740024**

## **QUIZ 1 – LINUX FUNDAMENTALS**

### **TASK 1**

**Task 1** Introduction



Welcome to the first part of the "Linux Fundamentals" room series. You're most likely using a Windows or Mac machine, both are different in visual design and how they operate. Just like Windows, iOS and MacOS, Linux is just another operating system and one of the most popular in the world powering smart cars, android devices, supercomputers, home appliances, enterprise servers, and more.

We'll be covering some of the history behind Linux and then eventually starting your journey of being a Linux-wizard! This room will have you:

- Running your very first commands in an interactive Linux machine in your browser
- Teaching you some essential commands used to interact with the file system
- Demonstrate how you can search for files and introduce shell operators

### **TASK 2**

Answer the questions below

Research: What year was the first release of a Linux operating system?

☐ 1980

☐ 1985

☐ 1989

☒ 1991

✓ Correct Answer

### TASK 3

6:34 / 30:57 • Task 4: Running Your First Fe... YouTube

Target Machine Information

Title	Target IP Address	Expires
linuxfundpart1v2	10.10.33.162	54min 28s

Add 1 hourTerminate

Task 1 Introduction

Task 2 A Bit of Background on Linux

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

```
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/pro

System information as of Fri Mar 21 08:18:16 UTC 2025

System load:  0.68      Processes:      113
Usage of /:   27.8% of 9.62GB   Users logged in:  0
Memory usage: 36%        IPv4 address for ens5: 10.10.33.162
Swap usage:   0%

* Ubuntu Pro delivers the most comprehensive open source security and compliance features.
https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

tryhackme@linux1:~$
```

### TASK 4

Answer the questions below

If we wanted to output the text "**TryHackMe**", what would our command be?

echo "TryHackMe"

✓ Correct Answer

What is the username of who you're logged in as on your deployed Linux machine?

tryhackme

✓ Correct Answer

💡 Hint

## TASK 5

```
tryhackme@linux1:~/folder4$ cd ..
tryhackme@linux1:~$ ls
access.log  folder1  folder2  folder3  folder4
tryhackme@linux1:~$ pwd
/home/tryhackme
tryhackme@linux1:~$ ls folder3
tryhackme@linux1:~$ ls folder4
note.txt
tryhackme@linux1:~$ cat folder4/note.txt
Hello World!
tryhackme@linux1:~$ cd folder4
tryhackme@linux1:~/folder4$ pwd
/home/tryhackme/folder4
tryhackme@linux1:~/folder4$
```

Answer the questions below

On the Linux machine that you deploy, how many folders are there?

4

✓ Correct Answer

Which directory contains a file?

folder4

✓ Correct Answer

💡 Hint

What is the contents of this file?

```
Hello World
```

✓ Correct Answer

Use the cd command to navigate to this file and find out the new current working directory. What is the path?

```
/home/tryhackme/folder4
```

✓ Correct Answer

## TASK 6

```
tryhackme@linux1:~$ cd folder4
tryhackme@linux1:~/folder4$ pwd
/home/tryhackme/folder4
tryhackme@linux1:~/folder4$ cd ..
tryhackme@linux1:~$ grep "THM" access.log
13.127.130.212 - - [04/May/2021:08:35:26 +0000] "GET THM{ACCESS}
lang=en HTTP/1.1" 404 360 "-" "Mozilla/5.0 (Windows NT 10.0; Wi
n64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.386
5.120 Safari/537.36"
tryhackme@linux1:~$
```

Answer the questions below

Use grep on "access.log" to find the flag that has a prefix of "THM". What is the flag?

**Note:** The "access.log" file is located in the "/home/tryhackme/" directory.

THM{ACCESS}

✓ Correct Answer

💡 Hint

And I still haven't found what I'm looking for!

No answer needed

✓ Correct Answer

## TASK 7

```
tryhackme@linux1:~$ echo password123 > passwords
tryhackme@linux1:~$ echo tryhackme >> passwords
tryhackme@linux1:~$ cat passwords
password123
tryhackme
```

Answer the questions below

If we wanted to run a command in the background, what operator would we want to use?

&

✓ Correct Answer

If I wanted to replace the contents of a file named "passwords" with the word "password123", what would my command be?

echo password123 > passwords

✓ Correct Answer

💡 Hint

Now if I wanted to add "tryhackme" to this file named "passwords" but also keep "passwords123", what would my command be

echo tryhackme >> passwords

✓ Correct Answer

💡 Hint

TASK 8 ✓

TASK 9 ✓

## COMPLETED

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	▼
Task 7	✔	An Introduction to Shell Operators	▼
Task 8	✔	Conclusions & Summaries	▼
Task 9	✔	Linux Fundamentals Part 2	▼