

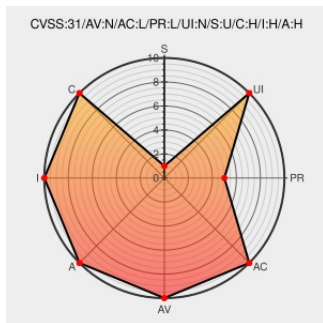


# CVE-2020-10239

Published on: 03/16/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

## CVE-2020-10239

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Joomla!](#) from [Joomla](#) contain the following vulnerability:

An issue was discovered in Joomla! before 3.9.16. Incorrect Access Control in the SQL fieldtype of com\_fields allows access for non-superadmin users.

CVE-2020-10239 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                          | Tags                                                                                                 | Link                                                                                                                         |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| [20200305] - Core - Incorrect Access Control in com_fields SQL field | <a href="#">Vendor Advisory</a><br><a href="#">developer.joomla.org</a><br><a href="#">text/html</a> | <a href="#">MISC developer.joomla.org/security-centre/806-20200305-core-incorrect-access-control-in-com-fields-sql-field</a> |

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

## CVE-2020-10239: Incorrect Access Control in com\_fields SQL field-RCE- PoC

### Known Affected Configurations (CPE V2.3)

| Type                                 | Vendor                 | Product                 | Version | Update | Edition | Language |
|--------------------------------------|------------------------|-------------------------|---------|--------|---------|----------|
| Application                          | <a href="#">Joomla</a> | <a href="#">Joomla!</a> | All     | All    | All     | All      |
| Application                          | <a href="#">Joomla</a> | <a href="#">Joomla!</a> | All     | All    | All     | All      |
| cpe:2.3:a:joomla:joomla\!:*:*:*:*:*: |                        |                         |         |        |         |          |
| cpe:2.3:a:joomla:joomla\!:*:*:*:*:*: |                        |                         |         |        |         |          |

No vendor comments have been submitted for this CVE

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