# CVE-2021-43781

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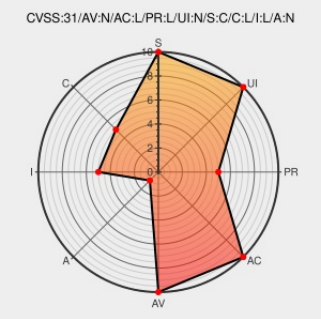
**CVE-2021-43781** - advisory for GHSA-xr38-w74q-r8jv

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Invenio-drafts-resources from Inveniosoftware contain the following vulnerability:

Invenio-Drafts-Resources is a submission/deposit module for Invenio, a software framework for research data management. Invenio-Drafts-Resources prior to versions 0.13.7 and 0.14.6 does not properly check permissions when a record is published. The vulnerability is exploitable in a default installation of InvenioRDM. An authenticated a user is able via REST API calls to publish draft records of other users if they know the record identifier and the draft validates (e.g. all require fields filled out). An attacker is not able to modify the data in the record, and thus e.g. *cannot* change a record from restricted to public. The problem is patched in Invenio-Drafts-Resources v0.13.7 and 0.14.6, which is part of InvenioRDM v6.0.1 and InvenioRDM v7.0 respectively.

CVE-2021-43781 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **inveniosoftware** - **invenio-drafts-resources** version **< 0.13.7**

Affected Vendor/Software: **inveniosoftware** - **invenio-drafts-resources** version **>= 0.14.0, < 0.14.6**

CVSS3 Score: 4.3 - MEDIUM

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | LOW | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | LOW | NONE | NONE |

CVSS2 Score: 4 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | LOW | SINGLE |

| Confidentiality Impact | Integrity Impact | Availability Impact |
|---|---|---|
| PARTIAL | NONE | NONE |

## CVE References

| Description | Tags | Link |
|---|---|---|
| security: fix missing permission check of publish · inveniosoftware/invenio-drafts-resources@039b0cf · GitHub | github.com text/html | MISC github.com/inveniosoftware/invenio-drafts-resources/commit/039b0cff1ad4b952000f4d8c3a93f347108b6626 |
| Permissions not properly checked when a record is published. · Advisory · inveniosoftware/invenio-drafts-resources · GitHub | github.com text/html | CONFIRM github.com/inveniosoftware/invenio-drafts-resources/security/advisories/GHSA-xr38-w74q-r8jv |



## Related QID Numbers

984152 Python (pip) Security Update for invenio-rdm-records (GHSA-xr38-w74q-r8jv)

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Inveniosoftware | Invenio-drafts-resources | All | All | All | All |

cpe:2.3:a:inveniosoftware:invenio-drafts-resources:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2021-43781 : Invenio-Drafts-Resources is a submission/deposit module for Invenio, a software framework for rese… twitter.com/i/web/status/1… | 2021-12-06 17:46:34 |

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