

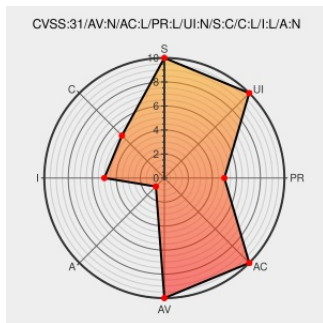


CVE-2021-43781

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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 required 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

PARTIAL

Integrity Impact

NONE

Availability Impact

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

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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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