



# RELATE: Predictable Token Generation in auth.py and exam.py

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-41505
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-07 15:16:07 UTC
<b>Updated</b>	2026-05-07 15:53:49 UTC
<b>Description</b>	RELATE is a web-based courseware package. Prior to commit 2f68e16, RELATE is vulnerable to predictable token genera

## Risk And Classification

**Primary CVSS:** v3.1 8.7 HIGH from security-advisories@github.com

**CVSS:** 3.1/AV:N/AC:H/PR:N/UI:N/S:C/C:N/I:H/A:H

**EPSS:** 0.000400000 probability, percentile 0.120540000 (date 2026-05-10)

**Problem Types:** CWE-330 | CWE-338 | CWE-338 CWE-338: Use of Cryptographically Weak Pseudo-Random Number Generator (PRNG) | CWE-330 CWE-330: Use of Insufficiently Random Values

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.7	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:C/C:N/I:H/A:H
3.1	CNA	DECLARED	8.7	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:C/C:N/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

None

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:C/C:N/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Inducer</a>	<a href="#">Relate</a>	affected < 2f68e16cd3b96d25c188c1aa3f7e13cdb15cdaeb	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/inducer/relate/security/advisories/GHSA-rvx5-95mm-p77v">github.com/inducer/relate/security/advisories/GHSA-rvx5-95mm-p77v</a>	security-advisories@github.com	<a href="https://github.com">github.com</a>	
<a href="https://github.com/inducer/relate/commit/2f68e16cd3b96d25c188c1aa3f7e13cdb15cdaeb">github.com/inducer/relate/commit/2f68e16cd3b96d25c188c1aa3f7e13cdb15cdaeb</a>	security-advisories@github.com	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canoni
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canoni

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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