

ROTP 6.2.2 and 6.2.1 has 0666 permissions for the .rb files.

MITRE

NVD

CVE.ORG

JSON API

Print: PDF

Summary	
CVE	CVE-2024-28862
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-03-16 00:15:07 UTC
Updated	2026-04-03 13:57:33 UTC
Description	The Ruby One Time Password library (ROTP) is an open source library for generating and validating one time passwords.

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

EPSS: 0.000470000 probability, percentile 0.145950000 (date 2026-04-07)

Problem Types: CWE-276 | CWE-276 CWE-276: Incorrect Default Permissions

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:N
3.1	security-advisories@github.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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



NVD Known Affected Configurations (CPE 2.3)

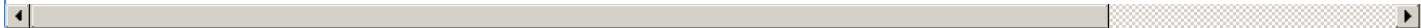
Type	Vendor	Product	Version	Update	Edition	Language
Application	Rotp Project	Rotp	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mdp	Rotp	affected = 6.2.2	Not specified
CNA	Mdp	Rotp	affected = 6.2.1	Not specified

References

Reference	Source	Link
ROTP 6.2.2 and 6.2.1 has 0666 permissions for the .rb files. · Advisory · mdp/rotp · GitHub	af854a3a-2127-422b-91ae-364da2661108	github
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[997774](#) Rubygems (Rubygems) Security Update for rotp (GHSA-x2h8-qmj4-g62f)