



Sentry kernel has incomplete ownership check for IRQ line manipulation

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

Summary

CVE	CVE-2026-40337
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-18 00:16:37 UTC
Updated	2026-04-18 00:16:37 UTC
Description	The Sentry kernel is a high security level micro-kernel implementation made for high security embedded systems. A given t

Risk And Classification

Primary CVSS: v3.1 5.1 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-283 | CWE-283 CWE-283: Unverified Ownership

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.1	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:L/I:N/A:H
3.1	CNA	DECLARED	5.1	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:L/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Camelot-os	Sentry-kernel	affected < 0.4.7	Not specified

References

Reference	Source	Link	Tags
github.com/camelot-os/sentry-kernel/security/advisories/GHSA-5hgv-rg2f-79pg	security-advisories@github.com	github.com	
github.com/camelot-os/sentry-kernel/pull/108	security-advisories@github.com	github.com	
github.com/camelot-os/sentry-kernel/commit/150b7edd2c5b0da0a8baeed3135dd...	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report