



iio: gyro: mpu3050: Move iio_device_register() to correct location

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

Summary

CVE	CVE-2026-31761
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:39 UTC
Updated	2026-05-03 07:16:19 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: iio: gyro: mpu3050: Move iio_device_register() to correct l

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000240000 probability, percentile 0.068220000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 22487ef85f6dd9499ddf49b85a08afc50a3f1992 git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 caec338f91469f0a70b68165185afa3abc994545 git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 051ca43b0e0e4b66bfd349cd53ccf231ad1d69b7 git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 2a4537653d200fda2a8516083459f8ff6194f8fc git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 92f18aa86302fe83e0726a1191015f427d4ff056 git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 cc3de12a5612ee25df7fb549cb7b3e4cc8bfaf9c git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 59a317f8215674c8330817770497301bfb2c1b99 git
CNA	Linux	Linux	affected 3904b28efb2c780c23dcddfb87e07fe0230661e5 4c05799449108fb0e0a6bd30e65ffc71e60db4d git
CNA	Linux	Linux	affected 4.10
CNA	Linux	Linux	unaffected 4.10 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/051ca43b0e0e4b66bfd349cd53ccf231ad1d69b7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/59a317f8215674c8330817770497301bfb2c1b99	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/cc3de12a5612ee25df7fb549cb7b3e4cc8bfaf9c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/92f18aa86302fe83e0726a1191015f427d4ff056	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/caec338f91469f0a70b68165185afa3abc994545	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2a4537653d200fda2a8516083459f8ff6194f8fc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/22487ef85f6dd9499ddf49b85a08afc50a3f1992	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/4c05799449108fb0e0a6bd30e65ffc71e60db4d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	

CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

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