



# s390/entry: Scrub r12 register on kernel entry

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-31482
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-22 14:16:45 UTC
<b>Updated</b>	2026-04-23 16:17:41 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: s390/entry: Scrub r12 register on kernel entry Before com

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected f33f2d4c7c80c641f6ca3dfe5e7dfe1f91543780 a58d298a83a3a9b7ca99ded9d60a1e77231159ef git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected f33f2d4c7c80c641f6ca3dfe5e7dfe1f91543780 95c899cd791803a5bf7b73e5994fbbe1cc1a9c36 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected f33f2d4c7c80c641f6ca3dfe5e7dfe1f91543780 7f4e3233faa8470dd0627bc49b2809f2bfebd909 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected f33f2d4c7c80c641f6ca3dfe5e7dfe1f91543780 99a8b420f3f0e162eb9c9c9253929d4d23f9bd30 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected f33f2d4c7c80c641f6ca3dfe5e7dfe1f91543780 0738d395aab8fae3b5a3ad3fc640630c91693c27 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 6.4
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.4 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.6.131 6.6.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.12.80 6.12.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.21 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.11 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/7f4e3233faa8470dd0627bc49b2809f2bfebd909	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/0738d395aab8fae3b5a3ad3fc640630c91693c27	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/99a8b420f3f0e162eb9c9c9253929d4d23f9bd30	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/a58d298a83a3a9b7ca99ded9d60a1e77231159ef	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/95c899cd791803a5bf7b73e5994fbbe1cc1a9c36	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

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

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