



CVE-2013-0310

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2013-0310
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-02-22 00:55:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The cipso_v4_validate function in net/ipv4/cipso_ipv4.c in the Linux kernel before 3.4.8 allows local users to cause a denial

Risk And Classification

Primary CVSS: v2.0 6.6 from nvd@nist.gov

AV:L/AC:M/Au:S/C:C/I:C/A:C

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

Single

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:M/Au:S/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0	rc1	All	All

Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	All	All
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All
Operating System	Linux	Linux Kernel	3.0.19	All	All	All
Operating System	Linux	Linux Kernel	3.0.2	All	All	All
Operating System	Linux	Linux Kernel	3.0.20	All	All	All
Operating System	Linux	Linux Kernel	3.0.21	All	All	All
Operating System	Linux	Linux Kernel	3.0.22	All	All	All
Operating System	Linux	Linux Kernel	3.0.23	All	All	All
Operating System	Linux	Linux Kernel	3.0.24	All	All	All
Operating System	Linux	Linux Kernel	3.0.25	All	All	All
Operating System	Linux	Linux Kernel	3.0.26	All	All	All
Operating System	Linux	Linux Kernel	3.0.27	All	All	All
Operating System	Linux	Linux Kernel	3.0.28	All	All	All
Operating System	Linux	Linux Kernel	3.0.29	All	All	All
Operating System	Linux	Linux Kernel	3.0.3	All	All	All
Operating System	Linux	Linux Kernel	3.0.30	All	All	All
Operating System	Linux	Linux Kernel	3.0.31	All	All	All
Operating System	Linux	Linux Kernel	3.0.32	All	All	All
Operating System	Linux	Linux Kernel	3.0.33	All	All	All
Operating System	Linux	Linux Kernel	3.0.34	All	All	All
Operating System	Linux	Linux Kernel	3.0.35	All	All	All
Operating System	Linux	Linux Kernel	3.0.36	All	All	All

Operating System	Linux	Linux Kernel	3.0.37	All	All	All
Operating System	Linux	Linux Kernel	3.0.38	All	All	All
Operating System	Linux	Linux Kernel	3.0.39	All	All	All
Operating System	Linux	Linux Kernel	3.0.4	All	All	All
Operating System	Linux	Linux Kernel	3.0.40	All	All	All
Operating System	Linux	Linux Kernel	3.0.41	All	All	All
Operating System	Linux	Linux Kernel	3.0.42	All	All	All
Operating System	Linux	Linux Kernel	3.0.43	All	All	All
Operating System	Linux	Linux Kernel	3.0.44	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	All	All	All
Operating System	Linux	Linux Kernel	3.1	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
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Operating System	Linux	Linux Kernel	3.1	rc3	All	All
Operating System	Linux	Linux Kernel	3.1	rc4	All	All
Operating System	Linux	Linux Kernel	3.1.1	All	All	All
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Operating System	Linux	Linux Kernel	3.1.3	All	All	All
Operating System	Linux	Linux Kernel	3.1.4	All	All	All
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Operating System	Linux	Linux Kernel	3.1.8	All	All	All
Operating System	Linux	Linux Kernel	3.1.9	All	All	All
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Operating System	Linux	Linux Kernel	3.2	rc3	All	All
Operating System	Linux	Linux Kernel	3.2	rc4	All	All
Operating System	Linux	Linux Kernel	3.2	rc5	All	All
Operating System	Linux	Linux Kernel	3.2	rc6	All	All

Operating System	Linux	Linux Kernel	3.2	rc7	All	All
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Operating System	Linux	Linux Kernel	3.2.10	All	All	All
Operating System	Linux	Linux Kernel	3.2.11	All	All	All
Operating System	Linux	Linux Kernel	3.2.12	All	All	All
Operating System	Linux	Linux Kernel	3.2.13	All	All	All
Operating System	Linux	Linux Kernel	3.2.14	All	All	All
Operating System	Linux	Linux Kernel	3.2.15	All	All	All
Operating System	Linux	Linux Kernel	3.2.16	All	All	All
Operating System	Linux	Linux Kernel	3.2.17	All	All	All
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Operating System	Linux	Linux Kernel	3.2.21	All	All	All
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Operating System	Linux	Linux Kernel	3.2.23	All	All	All
Operating System	Linux	Linux Kernel	3.2.24	All	All	All
Operating System	Linux	Linux Kernel	3.2.25	All	All	All
Operating System	Linux	Linux Kernel	3.2.26	All	All	All
Operating System	Linux	Linux Kernel	3.2.27	All	All	All
Operating System	Linux	Linux Kernel	3.2.28	All	All	All
Operating System	Linux	Linux Kernel	3.2.29	All	All	All
Operating System	Linux	Linux Kernel	3.2.3	All	All	All
Operating System	Linux	Linux Kernel	3.2.30	All	All	All
Operating System	Linux	Linux Kernel	3.2.4	All	All	All
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Operating System	Linux	Linux Kernel	3.2.6	All	All	All
Operating System	Linux	Linux Kernel	3.2.7	All	All	All
Operating System	Linux	Linux Kernel	3.2.8	All	All	All
Operating System	Linux	Linux Kernel	3.2.9	All	All	All
Operating System	Linux	Linux Kernel	3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3	rc1	All	All
Operating System	Linux	Linux Kernel	3.3	rc2	All	All
Operating System	Linux	Linux Kernel	3.3	rc3	All	All
Operating System	Linux	Linux Kernel	3.3	rc4	All	All

Operating System	Linux	Linux Kernel	3.3	rc4	All	All
Operating System	Linux	Linux Kernel	3.3	rc5	All	All
Operating System	Linux	Linux Kernel	3.3	rc6	All	All
Operating System	Linux	Linux Kernel	3.3	rc7	All	All
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Operating System	Linux	Linux Kernel	3.3.7	All	All	All
Operating System	Linux	Linux Kernel	3.3.8	All	All	All
Operating System	Linux	Linux Kernel	3.4	All	All	All
Operating System	Linux	Linux Kernel	3.4.1	All	All	All
Operating System	Linux	Linux Kernel	3.4.2	All	All	All
Operating System	Linux	Linux Kernel	3.4.3	All	All	All
Operating System	Linux	Linux Kernel	3.4.4	All	All	All
Operating System	Linux	Linux Kernel	3.4.5	All	All	All
Operating System	Linux	Linux Kernel	3.4.6	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All

Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		

References						
Reference				Source		
Bug 912900 – CVE-2013-0310 kernel: net: CIPSO_V4_TAG_LOCAL tag NULL pointer dereference				af854a3a-2127-422b-91ae-364		
Red Hat Customer Portal				af854a3a-2127-422b-91ae-364		
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.4.8				af854a3a-2127-422b-91ae-364		
oss-security - Re: CVE request -- Linux kernel: net: CIPSO_V4_TAG_LOCAL tag NULL pointer dereference				af854a3a-2127-422b-91ae-364		
cipso: don't follow a NULL pointer when setsockopt() is called · torvalds/linux@89d7ae3 · GitHub				af854a3a-2127-422b-91ae-364		
kernel/git/torvalds/linux.git - Linux kernel source tree				af854a3a-2127-422b-91ae-364		
kernel/git/torvalds/linux.git - Linux kernel source tree				MITRE		
Red Hat Customer Portal				MITRE		
access.redhat.com CVE-2013-0310				MITRE		

access.redhat.com CVE-2018-0810	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
No vendor comments have been submitted for this CVE.	
There are currently no legacy QID mappings associated with this CVE.	

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