



# CVE-2011-4112

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

## Summary

<b>CVE</b>	CVE-2011-4112
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2012-05-17 11:00:32 UTC
<b>Updated</b>	2026-04-29 01:13:23 UTC
<b>Description</b>	The net subsystem in the Linux kernel before 3.1 does not properly restrict use of the IFF_TX_SKB_SHARING flag, which c

## 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:N/I:N/A:H

**Problem Types:** NVD-CWE-noinfo | n/a

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:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:N/I:N/A:C

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Avaya	9608	-	All	All	All
Hardware	Avaya	9608g	-	All	All	All
Operating System	Avaya	9608g Firmware	All	All	All	All
Operating System	Avaya	9608 Firmware	All	All	All	All
Hardware	Avaya	9611g	-	All	All	All
Operating System	Avaya	9611g Firmware	All	All	All	All
Hardware	Avaya	9621g	-	All	All	All
Operating System	Avaya	9621g Firmware	All	All	All	All
Hardware	Avaya	9641g	-	All	All	All
Hardware	Avaya	9641gs	-	All	All	All
Operating System	Avaya	9641gs Firmware	All	All	All	All
Operating System	Avaya	9641g Firmware	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

### Vendor Declared Affected Products

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

## References

Reference	Source
ASA-2012-044 (WIND00319165 WIND00319166)	af854a3a-2127-422b-91ae-3
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-3
Bug 751006 – CVE-2011-4112 kernel: null ptr deref at dev_queue_xmit+0x35/0x4d0	af854a3a-2127-422b-91ae-3
net: Audit drivers to identify those needing IFF_TX_SKB_SHARING cleared · torvalds/linux@550fd08 · GitHub	af854a3a-2127-422b-91ae-3
oss-security - CVE-2011-4112 kernel: null ptr deref at dev_queue_xmit+0x35/0x4d0	af854a3a-2127-422b-91ae-3
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1	af854a3a-2127-422b-91ae-3
kernel/git/torvalds/linux.git - Linux kernel source tree	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.

© [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](#)