



CVE-2012-0207

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

CVE	CVE-2012-0207
State	PUBLISHED
Assigner	debian
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-05-17 11:00:36 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The igmp_heard_query function in net/ipv4/igmp.c in the Linux kernel before 3.2.1 allows remote attackers to cause a denial of service (CPU usage) via a crafted packet.

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from nvd@nist.gov

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

Problem Types: CWE-369 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	7.8		AV:N/AC:L/Au:N/C:N/I:N/A:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
igmp: Avoid zero delay when receiving odd mixture of IGMP queries · torvalds/linux@25c413a · GitHub	af854a3a-2127-42
oss-security - CVE-2012-0207 kernel: igmp: Avoid zero delay when receiving odd mixture of IGMP queries	af854a3a-2127-42
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.2.1	af854a3a-2127-42
772867 – (CVE-2012-0207) CVE-2012-0207 kernel: igmp: Avoid zero delay when receiving odd mixture of IGMP queries	af854a3a-2127-42
igmp: Avoid zero delay when receiving odd mixture of IGMP queries · torvalds/linux@a8c1f65 · GitHub	af854a3a-2127-42
#654876 - CVE-2012-0207: divide error and panic when receiving mixed IGMP queries - Debian Bug report logs	af854a3a-2127-42
git.kernel.org	af854a3a-2127-42
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.

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