



CVE-2014-7284

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

CVE	CVE-2014-7284
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-10-13 10:55:08 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The net_get_random_once implementation in net/core/utlis.c in the Linux kernel 3.13.x and 3.14.x before 3.14.5 on certain

Risk And Classification

Primary CVSS: v2.0 6.4 from nvd@nist.gov

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

Problem Types: CWE-200 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.13.1	All	All	All

Operating System	Linux	Linux Kernel	3.13.10	All	All	All
Operating System	Linux	Linux Kernel	3.13.11	All	All	All
Operating System	Linux	Linux Kernel	3.13.2	All	All	All
Operating System	Linux	Linux Kernel	3.13.3	All	All	All
Operating System	Linux	Linux Kernel	3.13.4	All	All	All
Operating System	Linux	Linux Kernel	3.13.5	All	All	All
Operating System	Linux	Linux Kernel	3.13.6	All	All	All
Operating System	Linux	Linux Kernel	3.13.7	All	All	All
Operating System	Linux	Linux Kernel	3.13.8	All	All	All
Operating System	Linux	Linux Kernel	3.13.9	All	All	All
Operating System	Linux	Linux Kernel	3.14.1	All	All	All
Operating System	Linux	Linux Kernel	3.14.2	All	All	All
Operating System	Linux	Linux Kernel	3.14.3	All	All	All
Operating System	Linux	Linux Kernel	3.14.4	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Second Look® Linux Threat Detection & Response CVE-2014-7284 NGRO Linux Kernel Bug	af854a3a-2127-422b-91ae-364da2
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2
oss-security - CVE Request: linux kernel net_get_random_once bug	af854a3a-2127-422b-91ae-364da2
net: avoid dependency of net_get_random_once on nop patching · torvalds/linux@3d44052 · GitHub	af854a3a-2127-422b-91ae-364da2
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.14.5	af854a3a-2127-422b-91ae-364da2
Bug 1148788 – CVE-2014-7284 kernel: randomness degradation due to bug in net_get_random_once()	af854a3a-2127-422b-91ae-364da2
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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Free CVE JSON API cve.report/api

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