



# CVE-2011-0530

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

## Summary

<b>CVE</b>	CVE-2011-0530
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2011-02-22 19:00:00 UTC
<b>Updated</b>	2026-04-29 01:13:23 UTC
<b>Description</b>	Buffer overflow in the mainloop function in nbd-server.c in the server in Network Block Device (nbd) before 2.9.20 might allow

## Risk And Classification

**Primary CVSS:** v2.0 7.5 from nvd@nist.gov

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

**Problem Types:** CWE-119 | n/a

## CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wouter Verhelst	Nbd	2.9.0	All	All	All

Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.1	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.10	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.11	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.12	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.13	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.14	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.15	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.16	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.17	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.18	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.2	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.3	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.4	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.5	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.6	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.7	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.8	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	2.9.9	All	All	All
Application	<a href="#">Wouter Verhelst</a>	<a href="#">Nbd</a>	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
#611187 - nbd-server dies due to EFAULT from read - Debian Bug report logs	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Network Block Device Server (CVE-2011-0530) Remote Buffer Overflow Vulnerability	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Debian update for nbd - Secunia.com	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
oss-security - Re: CVE Request -- NDB: CVE-2005-3534 reintroduced in upstream nbd-v2.9.0 version	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
IBM X-Force Exchange	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Fix buffer size checking · NetworkBlockDevice/nbd@3ef5204 · GitHub	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
oss-security - CVE Request -- NDB: CVE-2005-3534 reintroduced in upstream nbd-v2.9.0 version	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Debian -- Security Information -- DSA-2183-1 nbd	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Fedora update for nbd - Advisories - Community	<a href="#">af854a3a-2127-422b-91ae-364da266</a>
Security announced SUSE Security Summary Report: SUSE-SP-2014-005	<a href="#">af854a3a-2127-422b-91ae-364da266</a>

[security-announce] SUSE Security Summary Report: SUSE-SA:2011:005	af854a3a-2127-422b-91ae-364da266
[SECURITY] Fedora 14 Update: nbd-2.9.20-1.fc14	af854a3a-2127-422b-91ae-364da266
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364da266
hermes.opensuse.org/messages/8086846	af854a3a-2127-422b-91ae-364da266
Gentoo Linux Documentation -- nbd: Multiple vulnerabilities	af854a3a-2127-422b-91ae-364da266
[SECURITY] Fedora 13 Update: nbd-2.9.20-1.fc13	af854a3a-2127-422b-91ae-364da266
Bug 673562 – CVE-2011-0530 NBD: CVE-2005-3534 reintroduced in upstream nbd-v2.9.0 version	af854a3a-2127-422b-91ae-364da266
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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