

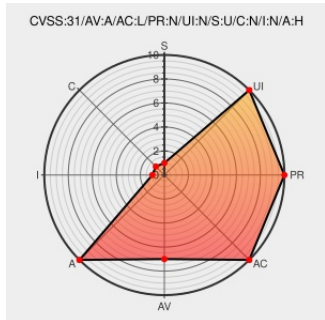


CVE-2015-2923

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CVE-2015-2923

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Freebsd](#) from [Freebsd](#) contain the following vulnerability:

The Neighbor Discovery (ND) protocol implementation in the IPv6 stack in FreeBSD through 10.1 allows remote attackers to reconfigure a hop-limit setting via a small hop_limit value in a Router Advertisement (RA) message.

CVE-2015-2923 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **3.3 - LOW**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
	Mitigation Vendor Advisory www.freebsd.org text/plain	MISC www.freebsd.org/security/advisories/FreeBSD-SA-15:09.ipv6.asc

oss-security - Re: CVE Request : IPv6 Hop limit lowering via RA messages	Mailing List Third Party Advisory openwall.com text/html	 MISC openwall.com/lists/oss-security/2015/04/04/2
[oss-security] CVE Request : IPv6 Hop limit lowering via RA messages	Mailing List Vendor Advisory lists.freebsd.org text/html	 MISC lists.freebsd.org/pipermail/freebsd-net/2015-April/041934.html
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Third Party Advisory git.kernel.org text/html	 MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=6fd99094de2b83d1d4c8457f2c83483b2828e75a

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Freebsd	Freebsd	All	All	All	All
Operating System	Freebsd	Freebsd	All	All	All	All
cpe:2.3:o:freebsd:freebsd:*:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:*:*:*:*:*:						

No vendor comments have been submitted for this CVE