CVE-2015-2923

Published on: 02/19/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:20 PM UTC

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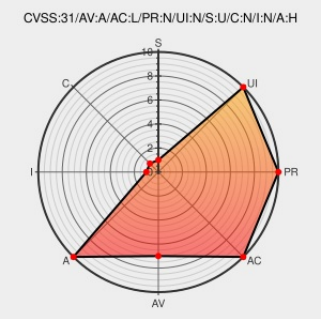
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 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

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

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