



CVE-2015-8725

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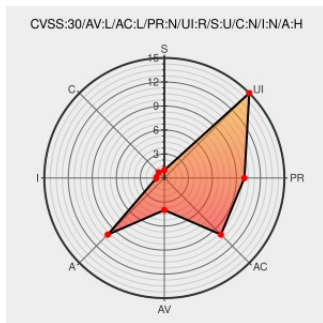
CVE-2015-8725

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

The dissect_diameter_base_framed_ipv6_prefix function in epan/dissectors/packet-diameter.c in the DIAMETER dissector in Wireshark 1.12.x before 1.12.9 and 2.0.x before 2.0.1 does not validate the IPv6 prefix length, which allows remote attackers to cause a denial of service (stack-based buffer overflow and application crash) via a crafted packet.

CVE-2015-8725 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-3505-1 wireshark	www.debian.org Deprecated Link	@ DEBIAN DSA-3505

[text/html](#)

Wireshark · wnpa-sec-2015-43 ·
DIAMETER dissector crash

[Vendor Advisory](#)[www.wireshark.org](#)[text/html](#) [CONFIRM www.wireshark.org/security/wnpa-sec-2015-43.html](#)

Wireshark: Multiple vulnerabilities (GLSA
201604-05) — Gentoo security

[security.gentoo.org](#)[text/html](#) [GENTOO GLSA-201604-05](#)

Wireshark Multiple Security Vulnerabilities

[cve.report \(archive\)](#)[text/html](#) [BID 79382](#)

code.wireshark Code Review -
wireshark.git/commit

[code.wireshark.org](#)[text/xml](#) [CONFIRM code.wireshark.org/review/gitweb?p=wireshark.git;a=commit;h=aaa28a9d39158ca1033bbd3372cf423at](#)

Bug 11792 – Wireshark stack-based buffer
overflow in
dissect_diameter_base_framed_ipv6_prefix

[bugs.wireshark.org](#)[text/html](#) [CONFIRM bugs.wireshark.org/bugzilla/show_bug.cgi?id=11792](#)

Wireshark Multiple Dissector/Parser Bugs
Let Remote Users Deny Service -
SecurityTracker

[www.securitytracker.com](#)[text/html](#) [SECTrack 1034551](#)

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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
Application	Wireshark	Wireshark	1.12.0	All	All	All
Application	Wireshark	Wireshark	1.12.1	All	All	All
Application	Wireshark	Wireshark	1.12.2	All	All	All
Application	Wireshark	Wireshark	1.12.3	All	All	All
Application	Wireshark	Wireshark	1.12.4	All	All	All
Application	Wireshark	Wireshark	1.12.5	All	All	All
Application	Wireshark	Wireshark	1.12.6	All	All	All
Application	Wireshark	Wireshark	1.12.7	All	All	All
Application	Wireshark	Wireshark	1.12.8	All	All	All
Application	Wireshark	Wireshark	2.0.0	All	All	All
Application	Wireshark	Wireshark	1.12.0	All	All	All
Application	Wireshark	Wireshark	1.12.1	All	All	All
Application	Wireshark	Wireshark	1.12.2	All	All	All
Application	Wireshark	Wireshark	1.12.3	All	All	All
Application	Wireshark	Wireshark	1.12.4	All	All	All
Application	Wireshark	Wireshark	1.12.5	All	All	All

Application	wireshark	wireshark	1.12.5	All	All	All
Application	Wireshark	Wireshark	1.12.6	All	All	All
Application	Wireshark	Wireshark	1.12.7	All	All	All
Application	Wireshark	Wireshark	1.12.8	All	All	All
Application	Wireshark	Wireshark	2.0.0	All	All	All
cpe:2.3:a:wireshark:wireshark:1.12.0:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.1:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.2:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.3:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.4:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.5:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.6:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.7:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.8:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:2.0.0:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.0:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.1:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.2:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.3:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.4:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.5:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.6:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.7:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:1.12.8:*:*:*:*:*:						
cpe:2.3:a:wireshark:wireshark:2.0.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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