

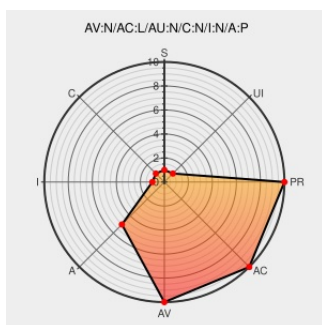


CVE-2010-2951

Published on: 10/12/2010 12:00:00 AM UTC

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CVE-2010-2951

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

Certain versions of [Squid](#) from [Squid-cache](#) contain the following vulnerability:

dns_internal.cc in Squid 3.1.6, when IPv6 DNS resolution is not enabled, accesses an invalid socket during an IPv4 TCP DNS query, which allows remote attackers to cause a denial of service (assertion failure and daemon exit) via vectors that trigger an IPv4 DNS response with the TC bit set.

CVE-2010-2951 has been assigned by [secalert@redhat.com](#) to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access
Vector

Access
Complexity

Authentication

NETWORK

LOW

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

NONE

NONE

PARTIAL

CVE References

Description

Tags

Link

oss-security - Re: CVE Request -- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present

[Patch](#)
[www.openwall.com](#)
[text/html](#)

[MLIST \[oss-security\] 20100825 Re: CVE Request -- Squid v3.1.6 -- DoS \(crash\) while processing large DNS replies with no IPv6 resolver present](#)

334263 -- (CVE-2010-3072)

[bugs.gentoo.org](#)
[text/html](#)

[CONFIRM bugs.gentoo.org/show_bug.cgi?id=334263](#)

Bug 3009 -- epoll fails

[bugs.squid-cache.org](#)
[text/html](#)

[CONFIRM bugs.squid-cache.org/show_bug.cgi?id=3009](#)

oss-security - CVE Request -- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present

[www.openwall.com](#)
[text/html](#)

[MLIST \[oss-security\] 20100824 CVE Request -- Squid v3.1.6 -- DoS \(crash\) while processing large DNS replies with no IPv6 resolver present](#)

oss-security - Re: CVE Request -- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present

[www.openwall.com](#)

[MLIST \[oss-security\] 20100825 Re: CVE Request -- Squid v3.1.6 -- DoS \(crash\) while processing large DNS replies with no IPv6 resolver present](#)

(crash) while processing large DNS replies with no IPv6 resolver present	text/html	-- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present
oss-security - Re: CVE Request -- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present	www.openwall.com text/html	MLIST [oss-security] 20100825 Re: CVE Request -- Squid v3.1.6 -- DoS (crash) while processing large DNS replies with no IPv6 resolver present
~squid/squid/3.1 : revision 10072	Patch bazaar.launchpad.net text/xml	CONFIRM bazaar.launchpad.net/~squid/squid/3.1/revision/10072
Bug 3021 – Large DNS reply causes crash when no ipv6 resolver present	bugs.squid-cache.org text/html	CONFIRM bugs.squid-cache.org/show_bug.cgi?id=3021
'[squid-users] Squid 3.1.7 is available' - MARC	Patch Vendor Advisory marc.info text/html	MLIST [squid-users] 20100824 Squid 3.1.7 is available
626927 – (CVE-2010-2951) CVE-2010-2951 squid: child assertion failure when processing large DNS replies with no IPv6 resolver present	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=626927
	Patch www.squid-cache.org text/x-diff	CONFIRM www.squid-cache.org/Versions/v3/3.1/changesets/squid-3.1-10072.patch

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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	Squid-cache	Squid	3.1.6	All	All	All
Application	Squid-cache	Squid	3.1.6	All	All	All
cpe:2.3:a:squid-cache:squid:3.1.6:****:****:						
cpe:2.3:a:squid-cache:squid:3.1.6:****:****:						

No vendor comments have been submitted for this CVE

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[Next ID →](#)

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