



CVE-2011-3581

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2011-3581
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-11-04 21:55:00 UTC
Updated	2016-12-08 03:02:00 UTC
Description	Heap-based buffer overflow in the ldns_rr_new_frm_str_internal function in ldns before 1.6.11 allows remote attackers to ca

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nlnetlabs	Ldns	0.50	All	All	All
Application	Nlnetlabs	Ldns	0.60	All	All	All
Application	Nlnetlabs	Ldns	0.65	All	All	All
Application	Nlnetlabs	Ldns	0.66	All	All	All
Application	Nlnetlabs	Ldns	0.70	All	All	All
Application	Nlnetlabs	Ldns	1.0.0	All	All	All
Application	Nlnetlabs	Ldns	1.1.0	All	All	All
Application	Nlnetlabs	Ldns	1.2.0	All	All	All
Application	Nlnetlabs	Ldns	1.2.1	All	All	All
Application	Nlnetlabs	Ldns	1.2.2	All	All	All
Application	Nlnetlabs	Ldns	1.3	All	All	All
Application	Nlnetlabs	Ldns	1.4.0	All	All	All
Application	Nlnetlabs	Ldns	1.4.1	All	All	All
Application	Nlnetlabs	Ldns	1.5.0	All	All	All
Application	Nlnetlabs	Ldns	1.5.1	All	All	All
Application	Nlnetlabs	Ldns	1.6.0	All	All	All
Application	Nlnetlabs	Ldns	1.6.1	All	All	All

Application	Nlnetlabs	Ldns	1.6.2	All	All	All
Application	Nlnetlabs	Ldns	1.6.3	All	All	All
Application	Nlnetlabs	Ldns	1.6.4	All	All	All
Application	Nlnetlabs	Ldns	1.6.5	All	All	All
Application	Nlnetlabs	Ldns	1.6.6	All	All	All
Application	Nlnetlabs	Ldns	1.6.7	All	All	All
Application	Nlnetlabs	Ldns	1.6.8	All	All	All
Application	Nlnetlabs	Ldns	1.6.9	All	All	All
Application	Nlnetlabs	Ldns	0.50	All	All	All
Application	Nlnetlabs	Ldns	0.60	All	All	All
Application	Nlnetlabs	Ldns	0.65	All	All	All
Application	Nlnetlabs	Ldns	0.66	All	All	All
Application	Nlnetlabs	Ldns	0.70	All	All	All
Application	Nlnetlabs	Ldns	1.0.0	All	All	All
Application	Nlnetlabs	Ldns	1.1.0	All	All	All
Application	Nlnetlabs	Ldns	1.2.0	All	All	All
Application	Nlnetlabs	Ldns	1.2.1	All	All	All
Application	Nlnetlabs	Ldns	1.2.2	All	All	All
Application	Nlnetlabs	Ldns	1.3	All	All	All
Application	Nlnetlabs	Ldns	1.4.0	All	All	All
Application	Nlnetlabs	Ldns	1.4.1	All	All	All
Application	Nlnetlabs	Ldns	1.5.0	All	All	All
Application	Nlnetlabs	Ldns	1.5.1	All	All	All
Application	Nlnetlabs	Ldns	1.6.0	All	All	All
Application	Nlnetlabs	Ldns	1.6.1	All	All	All
Application	Nlnetlabs	Ldns	1.6.2	All	All	All
Application	Nlnetlabs	Ldns	1.6.3	All	All	All
Application	Nlnetlabs	Ldns	1.6.4	All	All	All
Application	Nlnetlabs	Ldns	1.6.5	All	All	All
Application	Nlnetlabs	Ldns	1.6.6	All	All	All
Application	Nlnetlabs	Ldns	1.6.7	All	All	All
Application	Nlnetlabs	Ldns	1.6.8	All	All	All
Application	Nlnetlabs	Ldns	1.6.9	All	All	All
Application	Nlnetlabs	Ldns	All	All	All	All

References

Reference	Source	Link	Tags
ldns 'rr.c' Remote Heap Buffer Overflow Vulnerability	BID	www.securityfocus.com	
nlnetlabs.nl/svn/ldns/tags/release-1.6.11/Changelog	CONFIRM	nlnetlabs.nl	
Security Advisory SA46476 - Fedora update for ldns - Secunia	SECUNIA	secunia.com	Vendor Advisory
oss-sec: CVE request: heap-based buffer overflow in ldns	MLIST	seclists.org	
[security-announce] openSUSE-SU-2011:1161-1: important: ldns (CVE-2011-3	SUSE	lists.opensuse.org	
Bug 403 – heap overflow in ldns_rr_new_frm_str_internal	CONFIRM	www.nlnetlabs.nl	
[SECURITY] Fedora 16 Update: ldns-1.6.11-2.fc16	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 14 Update: ldns-1.6.11-2.fc14	FEDORA	lists.fedoraproject.org	
Security Advisory SA46470 - SUSE update for ldns - Secunia	SECUNIA	secunia.com	Vendor Advisory
oss-sec: Re: CVE request: heap-based buffer overflow in ldns	MLIST	seclists.org	
[SECURITY] Fedora 15 Update: ldns-1.6.11-2.fc15	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](http://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](http://www.mitre.org/cve). This site includes MITRE data granted under the following [license](http://www.mitre.org/cve).

CVE.report and Source URL Uptime Status status.cve.report