



CVE-2009-4016

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2009-4016
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-02-04 20:15:23 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Integer underflow in the clean_string function in irc_string.c in (1) IRCd-hybrid 7.2.2 and 7.2.3, (2) ircd-ratbox before 2.2.9,

Risk And Classification

Primary CVSS: v2.0 6.8 from nvd@nist.gov

AV:N/AC:M/Au:N/C:P/I:P/A:P

Problem Types: CWE-189 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ircd-hybrid	ircd-hybrid	7.2.2	All	All	All

Application	lrcd-hybrid	lrcd-hybrid	7.2.3	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.0	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.1.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.1.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.2.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.2.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.2.3	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.3	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.3.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.3.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.4	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.4	rc1	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.4	rc2	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.4.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.4.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.5	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.5.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.5.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	1.5.3	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.0	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.1	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.10	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.11	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.2	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.3	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.4	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.5	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.6	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.7	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.8	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.0.9	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.1.0	All	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.1.0	beta1	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.1.0	beta2	All	All
Application	lrcd-ratbox	lrcd-ratbox	2.1.1	All	All	All

Application	lrccd-ratbox	lrccd-ratbox	2.1.2	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.3	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.4	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.5	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.6	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.7	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.1.8	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.0	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.0	rc1	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.0	rc2	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.0	rc3	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.1	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.2	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.3	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.4	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.5	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.6	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	2.2.7	All	All	All
Application	lrccd-ratbox	lrccd-ratbox	All	All	All	All
Application	Ofrc	Ofrc-hybrid	1.4.0	All	All	All
Application	Ofrc	Ofrc-hybrid	1.4.1	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.0	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.1	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.2	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.3	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.4	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.5	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.6	All	All	All
Application	Ofrc	Ofrc-hybrid	1.5.7	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.0	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.1	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.2	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.3	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.4	All	All	All
Application	Ofrc	Ofrc-hybrid	1.6.5	All	All	All

Application	Oftc	Oftc-hybrid	1.6.6	All	All	All
Application	Oftc	Oftc-hybrid	All	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference				Source		
IRCD-Hybrid and ircd-ratbox 'LINKS' Command Remote Integer Underflow Vulnerability				af854a3a-2127-422b-91ae-364da266		
[ircd-ratbox] ircd-ratbox-2.2.9 released				af854a3a-2127-422b-91ae-364da266		
404 Not Found				af854a3a-2127-422b-91ae-364da266		
IRCD-hybrid "LINKS" Command Integer Underflow Vulnerability - Advisories - Community				af854a3a-2127-422b-91ae-364da266		
Debian -- Security Information -- DSA-1980-1 ircd-hybrid/ircd-ratbox				af854a3a-2127-422b-91ae-364da266		
[svn] Revision 1044				af854a3a-2127-422b-91ae-364da266		
trac.oftc.net/projects/oftc-hybrid/browser/tags/oftc-hybrid-1.6.8/RELNOTES				af854a3a-2127-422b-91ae-364da266		
oftc-hybrid "LINKS" Command Integer Underflow Vulnerability - Secunia.com				af854a3a-2127-422b-91ae-364da266		
ircd-ratbox Integer Underflow and NULL Pointer Dereference Vulnerabilities - Advisories - Community				af854a3a-2127-422b-91ae-364da266		
Debian update for ircd-hybrid and ircd-ratbox - Advisories - Community				af854a3a-2127-422b-91ae-364da266		
CVE Program record				CVE.ORG		
NVD vulnerability detail				NVD		
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						