CVE-2010-3856

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Summary

CVE	CVE-2010-3856
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-07 19:00:00 UTC
Updated	2023-07-20 18:15:00 UTC
Description	ld.so in the GNU C Library (aka glibc or libc6) before 2.11.3, and 2.12.x before 2.12.2, does not properly restrict use of the l

Risk And Classification

Problem Types: CWE-264

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Glibc	1.00	All	All	All
Application	Gnu	Glibc	1.01	All	All	All
Application	Gnu	Glibc	1.02	All	All	All
Application	Gnu	Glibc	1.03	All	All	All
Application	Gnu	Glibc	1.04	All	All	All
Application	Gnu	Glibc	1.05	All	All	All
Application	Gnu	Glibc	1.06	All	All	All
Application	Gnu	Glibc	1.07	All	All	All
Application	Gnu	Glibc	1.08	All	All	All
Application	Gnu	Glibc	1.09	All	All	All
Application	Gnu	Glibc	1.09.1	All	All	All
Application	Gnu	Glibc	2.0	All	All	All
Application	Gnu	Glibc	2.0.1	All	All	All
Application	Gnu	Glibc	2.0.2	All	All	All
Application	Gnu	Glibc	2.0.3	All	All	All
Application	Gnu	Glibc	2.0.4	All	All	All
Application	Gnu	Glibc	2.0.5	All	All	All

Application	Gnu	Glibc	2.0.6	All	All	All
Application	Gnu	Glibc	2.1	All	All	All
Application	Gnu	Glibc	2.1.1	All	All	All
Application	Gnu	Glibc	2.1.1.6	All	All	All
Application	Gnu	Glibc	2.1.2	All	All	All
Application	Gnu	Glibc	2.1.3	All	All	All
Application	Gnu	Glibc	2.1.3.10	All	All	All
Application	Gnu	Glibc	2.1.9	All	All	All
Application	Gnu	Glibc	2.10	All	All	All
Application	Gnu	Glibc	2.10.1	All	All	All
Application	Gnu	Glibc	2.10.2	All	All	All
Application	Gnu	Glibc	2.11	All	All	All
Application	Gnu	Glibc	2.11.1	All	All	All
Application	Gnu	Glibc	2.12.0	All	All	All
Application	Gnu	Glibc	2.12.1	All	All	All
Application	Gnu	Glibc	2.2	All	All	All
Application	Gnu	Glibc	2.2.1	All	All	All
Application	Gnu	Glibc	2.2.2	All	All	All
Application	Gnu	Glibc	2.2.3	All	All	All
Application	Gnu	Glibc	2.2.4	All	All	All
Application	Gnu	Glibc	2.2.5	All	All	All
Application	Gnu	Glibc	2.3	All	All	All
Application	Gnu	Glibc	2.3.1	All	All	All
Application	Gnu	Glibc	2.3.10	All	All	All
Application	Gnu	Glibc	2.3.2	All	All	All
Application	Gnu	Glibc	2.3.3	All	All	All
Application	Gnu	Glibc	2.3.4	All	All	All
Application	Gnu	Glibc	2.3.5	All	All	All
Application	Gnu	Glibc	2.3.6	All	All	All
Application	Gnu	Glibc	2.4	All	All	All
Application	Gnu	Glibc	2.5	All	All	All
Application	Gnu	Glibc	2.5.1	All	All	All
Application	Gnu	Glibc	2.6	All	All	All
Application	Gnu	Glibc	2.6.1	All	All	All
Application	Gnu	Glibc	2.7	All	All	All

Application	Gnu	Glibc	2.8	All	All	All
Application	Gnu	Glibc	2.9	All	All	All
Application	Gnu	Glibc	1.00	All	All	All
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Application	Gnu	Glibc	2.0.2	All	All	All
Application	Gnu	Glibc	2.0.3	All	All	All
Application	Gnu	Glibc	2.0.4	All	All	All
Application	Gnu	Glibc	2.0.5	All	All	All
Application	Gnu	Glibc	2.0.6	All	All	All
Application	Gnu	Glibc	2.1	All	All	All
Application	Gnu	Glibc	2.1.1	All	All	All
Application	Gnu	Glibc	2.1.1.6	All	All	All
Application	Gnu	Glibc	2.1.2	All	All	All
Application	Gnu	Glibc	2.1.3	All	All	All
Application	Gnu	Glibc	2.1.3.10	All	All	All
Application	Gnu	Glibc	2.1.9	All	All	All
Application	Gnu	Glibc	2.10	All	All	All
Application	Gnu	Glibc	2.10.1	All	All	All
Application	Gnu	Glibc	2.10.2	All	All	All
Application	Gnu	Glibc	2.11	All	All	All
Application	Gnu	Glibc	2.11.1	All	All	All
Application	Gnu	Glibc	2.12.0	All	All	All
Application	Gnu	Glibc	2.12.1	All	All	All
Application	Gnu	Glibc	2.2	All	All	All

Application	Gnu	Glibc	2.2.1	All	All	All
Application	Gnu	Glibc	2.2.2	All	All	All
Application	Gnu	Glibc	2.2.3	All	All	All
Application	Gnu	Glibc	2.2.4	All	All	All
Application	Gnu	Glibc	2.2.5	All	All	All
Application	Gnu	Glibc	2.3	All	All	All
Application	Gnu	Glibc	2.3.1	All	All	All
Application	Gnu	Glibc	2.3.10	All	All	All
Application	Gnu	Glibc	2.3.2	All	All	All
Application	Gnu	Glibc	2.3.3	All	All	All
Application	Gnu	Glibc	2.3.4	All	All	All
Application	Gnu	Glibc	2.3.5	All	All	All
Application	Gnu	Glibc	2.3.6	All	All	All
Application	Gnu	Glibc	2.4	All	All	All
Application	Gnu	Glibc	2.5	All	All	All
Application	Gnu	Glibc	2.5.1	All	All	All
Application	Gnu	Glibc	2.6	All	All	All
Application	Gnu	Glibc	2.6.1	All	All	All
Application	Gnu	Glibc	2.7	All	All	All
Application	Gnu	Glibc	2.8	All	All	All
Application	Gnu	Glibc	2.9	All	All	All
Application	Gnu	Glibc	All	All	All	All

References

Reference	Source	Lin
USN-1009-1: GNU C Library vulnerabilities | Ubuntu	UBUNTU	ww
Full Disclosure: SEC Consult SA-20190612-0 :: Multiple vulnerabilities in WAGO 852 Industrial Managed Switch Series	FULLDISC	sec
Red Hat Customer Portal	MISC	acc
Full Disclosure: The GNU C library dynamic linker will dlopen arbitrary DSOs during setuid loads.	FULLDISC	sec
Bugtraq: SEC Consult SA-20190612-0 :: Multiple vulnerabilities in WAGO 852 Industrial Managed Switch Series	BUGTRAQ	sec
Gentoo Linux Documentation -- GNU C library: Multiple vulnerabilities	GENTOO	sec
Full Disclosure: CVE-2023-38408: Remote Code Execution in OpenSSH's forwarded ssh-agent	MISC	sec
Red Hat Customer Portal	MISC	acc
Andreas Schwab - [PATCH] Require suid bit on audit objects in privileged programs	MLIST	sou
ASA-2010-333 (RHSA-2010-0793)	CONFIRM	sup
oss-security - Re: CVE-2023-38408: Remote Code Execution in OpenSSH's forwarded ssh-agent	MISC	ww

rhn.redhat.com | Red Hat Support	REDHAT	ww
access.redhat.com | CVE-2010-3856	MISC	acc
rhn.redhat.com | Red Hat Support	REDHAT	rhn
Debian -- Security Information -- DSA-2122-1 glibc	DEBIAN	ww
SecurityFocus	BUGTRAQ	ww
OpenSSH Forwarded SSH-Agent Remote Code Execution ≈ Packet Storm	MISC	pac
Support / Security / Advisories / / MDVSA-2010:212 | Mandriva	MANDRIVA	ww
645672 – (CVE-2010-3856) CVE-2010-3856 glibc: ld.so arbitrary DSO loading via LD_AUDIT in setuid/setgid programs	CONFIRM	bug
VMware ESX Console OS (COS) Multiple Vulnerabilities - Advisories - Community	SECUNIA	sec
GNU glibc Dynamic Linker 'LD_AUDIT' Local Privilege Escalation Vulnerability	BID	ww
oss-security - CVE-2023-38408: Remote Code Execution in OpenSSH's forwarded ssh-agent	MISC	ww
[security-announce] SUSE Security Announcement: glibc (SUSE-SA:2010:052)	SUSE	lists
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	ww
glibc - 'LD_AUDIT' Arbitrary DSO Load Privilege Escalation (Metasploit) - Linux local Exploit	EXPLOIT-DB	ww
VMSA-2011-0001	CONFIRM	ww
WAGO 852 Industrial Managed Switch Series Code Execution / Hardcoded Credentials ≈ Packet Storm	MISC	pac
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvd

No vendor comments have been submitted for this CVE.

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