



CVE-2008-4316

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2008-4316
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-03-14 18:30:00 UTC
Updated	2023-02-13 02:19:00 UTC
Description	Multiple integer overflows in glib/gbase64.c in GLib before 2.20 allow context-dependent attackers to execute arbitrary code

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnome	Glib	2.14.5	All	All	All
Application	Gnome	Glib	2.14.6	All	All	All
Application	Gnome	Glib	2.16.3	All	All	All
Application	Gnome	Glib	2.2.1	All	All	All
Application	Gnome	Glib	2.14.5	All	All	All
Application	Gnome	Glib	2.14.6	All	All	All
Application	Gnome	Glib	2.16.3	All	All	All
Application	Gnome	Glib	2.2.1	All	All	All
Application	Gnome	Glib	All	All	All	All

References

Reference	Source	Lir
svn.gnome.org/viewvc/glib	CONFIRM	svi
Security Advisory SA34560 - Fedora update for glib2 - Secunia	SECUNIA	se
Red Hat Customer Portal	MISC	ac
VMware ESX Server 4 update for newt, nfs-utils, and glib2 - Advisories - Community	SECUNIA	se
Support	REDHAT	ww

ocert.org/patches/2008-015/glib-CVE-2008-4316.diff	MISC	ocert.org/patches/2008-015/glib-CVE-2008-4316.diff
Ubuntu update for glib2.0 - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com/patches/2008-015/glib-CVE-2008-4316.diff
Debian update for glib2.0 - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.ovh.com/patches/2008-015/glib-CVE-2008-4316.diff
Repository / Oval Repository	OVAL	oval.fedoraproject.org/patches/2008-015/glib-CVE-2008-4316.diff
SUSE update for glib2 - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
474770 – (CVE-2008-4316) CVE-2008-4316 glib2: integer overflows in the base64 handling functions (oCERT-2008-015)	MISC	bugzilla.mozilla.org/show_bug.cgi?id=474770
oCERT archive	MISC	www.oCERT.org/patches/2008-015/glib-CVE-2008-4316.diff
[SECURITY] Fedora 10 Update: glib2-2.18.4-2.fc10	FEDORA	www.fedoraproject.org/patches/2008-015/glib-CVE-2008-4316.diff
access.redhat.com CVE-2008-4316	MISC	access.redhat.com/patches/2008-015/glib-CVE-2008-4316.diff
Support / Security / Advisories // MDVSA-2009:080 Mandriva	MANDRIVA	www.mandriva.com/patches/2008-015/glib-CVE-2008-4316.diff
Red Hat update for glib2 - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
GNOME glib Base64 Encoding and Decoding Multiple Integer Overflow Vulnerabilities	BID	www.bidsa.org/patches/2008-015/glib-CVE-2008-4316.diff
[security-announce] SUSE Security Announcement: glib2 (SUSE-SA:2009:026)	SUSE	lists.suse.com/pipermail/security-announce/2009-02/000000.html
SecurityFocus	BUGTRAQ	www.securityfocus.com/bugtraq/msg000000.html
SecurityFocus	BUGTRAQ	www.securityfocus.com/bugtraq/msg000000.html
oss-security - [oCERT-2008-015] glib and glib-predecessor heap overflows	MLIST	openwall.com/lists/oss-security/2008/01/15/1
[SECURITY] Fedora 9 Update: glib2-2.16.6-3.fc9	FEDORA	www.fedoraproject.org/patches/2008-015/glib-CVE-2008-4316.diff
GLib Base64 Encoding/Decoding Integer Overflows May Let Remote Users Execute Arbitrary Code - SecurityTracker	SECTRACK	www.securitytracker.com/vuln/35922.html
Advisories:rPSA-2009-0045 - rPath Wiki	CONFIRM	wiki.rpath.com/rpathwiki/Advisories:rPSA-2009-0045
Fedora update for glib2 - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
VMware vMA Update for Multiple Packages - Advisories - Community	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
USN-738-1: GLib vulnerability Ubuntu	UBUNTU	www.ubuntu.com/usn/USN-738-1
oss-security - Re: [oCERT-2008-015] glib and glib-predecessor heap overflows	MLIST	openwall.com/lists/oss-security/2008/01/15/1
Repository / Oval Repository	OVAL	oval.fedoraproject.org/patches/2008-015/glib-CVE-2008-4316.diff
Debian -- Security Information -- DSA-1747-1 glib2.0	DEBIAN	www.debian.org/security/2008/dsa-1747-1
[Security-announce] VMSA-2010-0004 ESX Service Console and vMA third party updates	MLIST	lists.suse.com/pipermail/security-announce/2010-02/000000.html
GLib Base64 Integer Overflow Vulnerabilities - Secunia.com	SECUNIA	secunia.com/patches/2008-015/glib-CVE-2008-4316.diff
CVE Program record	CVE.ORG	www.cve.org/CVE/patches/2008-015/glib-CVE-2008-4316.diff
NVD vulnerability detail	NVD	nvd.nist.gov/vuln/detail/CVE-2008-4316

No vendor comments have been submitted for this CVE.

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

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