



CVE-2013-4242

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

Summary

CVE	CVE-2013-4242
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-08-19 23:55:00 UTC
Updated	2018-10-30 16:27:00 UTC
Description	GnuPG before 1.4.14, and Libgcrypt before 1.5.3 as used in GnuPG 2.0.x and possibly other products, allows local users to

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	10.04	-	Its	All
Operating System	Canonical	Ubuntu Linux	12.04	-	Its	All
Operating System	Canonical	Ubuntu Linux	12.10	All	All	All
Operating System	Canonical	Ubuntu Linux	13.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.04	-	Its	All
Operating System	Canonical	Ubuntu Linux	12.04	-	Its	All
Operating System	Canonical	Ubuntu Linux	12.10	All	All	All
Operating System	Canonical	Ubuntu Linux	13.04	All	All	All
Operating System	Debian	Debian Linux	6.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	6.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Application	Gnupg	Gnupg	0.0.0	-	All	All
Application	Gnupg	Gnupg	0.2.15	All	All	All
Application	Gnupg	Gnupg	0.2.16	All	All	All
Application	Gnupg	Gnupg	0.2.17	All	All	All
Application	Gnupg	Gnupg	0.2.18	All	All	All

Application	Gnupg	Gnupg	0.2.19	All	All	All
Application	Gnupg	Gnupg	0.3.0	All	All	All
Application	Gnupg	Gnupg	0.3.1	All	All	All
Application	Gnupg	Gnupg	0.3.2	All	All	All
Application	Gnupg	Gnupg	0.3.3	All	All	All
Application	Gnupg	Gnupg	0.3.4	All	All	All
Application	Gnupg	Gnupg	0.3.5	All	All	All
Application	Gnupg	Gnupg	0.4.0	All	All	All
Application	Gnupg	Gnupg	0.4.1	All	All	All
Application	Gnupg	Gnupg	0.4.3	All	All	All
Application	Gnupg	Gnupg	0.4.4	All	All	All
Application	Gnupg	Gnupg	0.4.5	All	All	All
Application	Gnupg	Gnupg	0.9.0	All	All	All
Application	Gnupg	Gnupg	0.9.1	All	All	All
Application	Gnupg	Gnupg	0.9.10	All	All	All
Application	Gnupg	Gnupg	0.9.11	All	All	All
Application	Gnupg	Gnupg	0.9.2	All	All	All
Application	Gnupg	Gnupg	0.9.3	All	All	All
Application	Gnupg	Gnupg	0.9.4	All	All	All
Application	Gnupg	Gnupg	0.9.5	All	All	All
Application	Gnupg	Gnupg	0.9.6	All	All	All
Application	Gnupg	Gnupg	0.9.7	All	All	All
Application	Gnupg	Gnupg	0.9.8	All	All	All
Application	Gnupg	Gnupg	0.9.9	All	All	All
Application	Gnupg	Gnupg	1.0.0	All	All	All
Application	Gnupg	Gnupg	1.0.1	All	All	All
Application	Gnupg	Gnupg	1.0.2	All	All	All
Application	Gnupg	Gnupg	1.0.3	All	All	All
Application	Gnupg	Gnupg	1.0.4	All	All	All
Application	Gnupg	Gnupg	1.0.4	-	win32	All
Application	Gnupg	Gnupg	1.0.5	All	All	All
Application	Gnupg	Gnupg	1.0.5	-	win32	All
Application	Gnupg	Gnupg	1.0.6	All	All	All
Application	Gnupg	Gnupg	1.0.7	All	All	All
Application	Gnupg	Gnupg	1.2.0	All	All	All

Application	Gnupg	Gnupg	1.2.1	All	All	All
Application	Gnupg	Gnupg	1.2.1	windows	All	All
Application	Gnupg	Gnupg	1.2.2	All	All	All
Application	Gnupg	Gnupg	1.2.3	All	All	All
Application	Gnupg	Gnupg	1.2.4	All	All	All
Application	Gnupg	Gnupg	1.2.5	All	All	All
Application	Gnupg	Gnupg	1.2.6	All	All	All
Application	Gnupg	Gnupg	1.2.7	All	All	All
Application	Gnupg	Gnupg	1.3.0	All	All	All
Application	Gnupg	Gnupg	1.3.1	All	All	All
Application	Gnupg	Gnupg	1.3.2	All	All	All
Application	Gnupg	Gnupg	1.3.3	All	All	All
Application	Gnupg	Gnupg	1.3.4	All	All	All
Application	Gnupg	Gnupg	1.3.6	All	All	All
Application	Gnupg	Gnupg	1.3.90	All	All	All
Application	Gnupg	Gnupg	1.3.91	All	All	All
Application	Gnupg	Gnupg	1.3.92	All	All	All
Application	Gnupg	Gnupg	1.3.93	All	All	All
Application	Gnupg	Gnupg	1.4.0	All	All	All
Application	Gnupg	Gnupg	1.4.10	All	All	All
Application	Gnupg	Gnupg	1.4.11	All	All	All
Application	Gnupg	Gnupg	1.4.12	All	All	All
Application	Gnupg	Gnupg	2.0.1	All	All	All
Application	Gnupg	Gnupg	2.0.10	All	All	All
Application	Gnupg	Gnupg	2.0.11	All	All	All
Application	Gnupg	Gnupg	2.0.12	All	All	All
Application	Gnupg	Gnupg	2.0.13	All	All	All
Application	Gnupg	Gnupg	2.0.14	All	All	All
Application	Gnupg	Gnupg	2.0.15	All	All	All
Application	Gnupg	Gnupg	2.0.16	All	All	All
Application	Gnupg	Gnupg	2.0.17	All	All	All
Application	Gnupg	Gnupg	2.0.18	All	All	All
Application	Gnupg	Gnupg	2.0.19	All	All	All
Application	Gnupg	Gnupg	2.0.3	All	All	All
Application	Gnupg	Gnupg	2.0.4	All	All	All
Application	Gnupg	Gnupg	2.0.5	All	All	All

Application	Gnupg	Gnupg	2.0.5	All	All	All
Application	Gnupg	Gnupg	2.0.6	All	All	All
Application	Gnupg	Gnupg	2.0.7	All	All	All
Application	Gnupg	Gnupg	2.0.8	All	All	All
Application	Gnupg	Gnupg	0.0.0	-	All	All
Application	Gnupg	Gnupg	0.2.15	All	All	All
Application	Gnupg	Gnupg	0.2.16	All	All	All
Application	Gnupg	Gnupg	0.2.17	All	All	All
Application	Gnupg	Gnupg	0.2.18	All	All	All
Application	Gnupg	Gnupg	0.2.19	All	All	All
Application	Gnupg	Gnupg	0.3.0	All	All	All
Application	Gnupg	Gnupg	0.3.1	All	All	All
Application	Gnupg	Gnupg	0.3.2	All	All	All
Application	Gnupg	Gnupg	0.3.3	All	All	All
Application	Gnupg	Gnupg	0.3.4	All	All	All
Application	Gnupg	Gnupg	0.3.5	All	All	All
Application	Gnupg	Gnupg	0.4.0	All	All	All
Application	Gnupg	Gnupg	0.4.1	All	All	All
Application	Gnupg	Gnupg	0.4.3	All	All	All
Application	Gnupg	Gnupg	0.4.4	All	All	All
Application	Gnupg	Gnupg	0.4.5	All	All	All
Application	Gnupg	Gnupg	0.9.0	All	All	All
Application	Gnupg	Gnupg	0.9.1	All	All	All
Application	Gnupg	Gnupg	0.9.10	All	All	All
Application	Gnupg	Gnupg	0.9.11	All	All	All
Application	Gnupg	Gnupg	0.9.2	All	All	All
Application	Gnupg	Gnupg	0.9.3	All	All	All
Application	Gnupg	Gnupg	0.9.4	All	All	All
Application	Gnupg	Gnupg	0.9.5	All	All	All
Application	Gnupg	Gnupg	0.9.6	All	All	All
Application	Gnupg	Gnupg	0.9.7	All	All	All
Application	Gnupg	Gnupg	0.9.8	All	All	All
Application	Gnupg	Gnupg	0.9.9	All	All	All
Application	Gnupg	Gnupg	1.0.0	All	All	All
Application	Gnupg	Gnupg	1.0.1	All	All	All
Application	Gnupg	Gnupg	1.0.2	All	All	All

Application	Gnupg	Gnupg	1.0.3	All	All	All
Application	Gnupg	Gnupg	1.0.4	All	All	All
Application	Gnupg	Gnupg	1.0.4	-	win32	All
Application	Gnupg	Gnupg	1.0.5	All	All	All
Application	Gnupg	Gnupg	1.0.5	-	win32	All
Application	Gnupg	Gnupg	1.0.6	All	All	All
Application	Gnupg	Gnupg	1.0.7	All	All	All
Application	Gnupg	Gnupg	1.2.0	All	All	All
Application	Gnupg	Gnupg	1.2.1	All	All	All
Application	Gnupg	Gnupg	1.2.1	windows	All	All
Application	Gnupg	Gnupg	1.2.2	All	All	All
Application	Gnupg	Gnupg	1.2.3	All	All	All
Application	Gnupg	Gnupg	1.2.4	All	All	All
Application	Gnupg	Gnupg	1.2.5	All	All	All
Application	Gnupg	Gnupg	1.2.6	All	All	All
Application	Gnupg	Gnupg	1.2.7	All	All	All
Application	Gnupg	Gnupg	1.3.0	All	All	All
Application	Gnupg	Gnupg	1.3.1	All	All	All
Application	Gnupg	Gnupg	1.3.2	All	All	All
Application	Gnupg	Gnupg	1.3.3	All	All	All
Application	Gnupg	Gnupg	1.3.4	All	All	All
Application	Gnupg	Gnupg	1.3.6	All	All	All
Application	Gnupg	Gnupg	1.3.90	All	All	All
Application	Gnupg	Gnupg	1.3.91	All	All	All
Application	Gnupg	Gnupg	1.3.92	All	All	All
Application	Gnupg	Gnupg	1.3.93	All	All	All
Application	Gnupg	Gnupg	1.4.0	All	All	All
Application	Gnupg	Gnupg	1.4.10	All	All	All
Application	Gnupg	Gnupg	1.4.11	All	All	All
Application	Gnupg	Gnupg	1.4.12	All	All	All
Application	Gnupg	Gnupg	2.0.1	All	All	All
Application	Gnupg	Gnupg	2.0.10	All	All	All
Application	Gnupg	Gnupg	2.0.11	All	All	All
Application	Gnupg	Gnupg	2.0.12	All	All	All
Application	Gnupg	Gnupg	2.0.13	All	All	All

Application	Gnupg	Gnupg	2.0.14	All	All	All
Application	Gnupg	Gnupg	2.0.15	All	All	All
Application	Gnupg	Gnupg	2.0.16	All	All	All
Application	Gnupg	Gnupg	2.0.17	All	All	All
Application	Gnupg	Gnupg	2.0.18	All	All	All
Application	Gnupg	Gnupg	2.0.19	All	All	All
Application	Gnupg	Gnupg	2.0.3	All	All	All
Application	Gnupg	Gnupg	2.0.4	All	All	All
Application	Gnupg	Gnupg	2.0.5	All	All	All
Application	Gnupg	Gnupg	2.0.6	All	All	All
Application	Gnupg	Gnupg	2.0.7	All	All	All
Application	Gnupg	Gnupg	2.0.8	All	All	All
Application	Gnupg	Gnupg	All	All	All	All
Application	Gnupg	Libgcrypt	1.4.0	All	All	All
Application	Gnupg	Libgcrypt	1.4.3	All	All	All
Application	Gnupg	Libgcrypt	1.4.4	All	All	All
Application	Gnupg	Libgcrypt	1.4.5	All	All	All
Application	Gnupg	Libgcrypt	1.4.6	All	All	All
Application	Gnupg	Libgcrypt	1.5.0	All	All	All
Application	Gnupg	Libgcrypt	1.5.1	All	All	All
Application	Gnupg	Libgcrypt	1.4.0	All	All	All
Application	Gnupg	Libgcrypt	1.4.3	All	All	All
Application	Gnupg	Libgcrypt	1.4.4	All	All	All
Application	Gnupg	Libgcrypt	1.4.5	All	All	All
Application	Gnupg	Libgcrypt	1.4.6	All	All	All
Application	Gnupg	Libgcrypt	1.5.0	All	All	All
Application	Gnupg	Libgcrypt	1.5.1	All	All	All
Application	Gnupg	Libgcrypt	All	All	All	All
Operating System	Opensuse	Opensuse	12.2	All	All	All
Operating System	Opensuse	Opensuse	12.3	All	All	All
Operating System	Opensuse	Opensuse	12.2	All	All	All
Operating System	Opensuse	Opensuse	12.3	All	All	All

References						
Reference						Source
Debian -- Security Information -- DSA-2731-1 libgcrypt11						DEBIAN

[Announce] [security fix] GnuPG 1.4.14 released	MLIST
Vulnerability Note VU#976534 - L3 CPU shared cache architecture is susceptible to a Flush+Reload side-channel attack	CERT-VN
Security Advisory SA54332 - Debian update for libgcrypt11 - Secunia	SECUNIA
Security Advisory SA54321 - Debian update for gnupg - Secunia	SECUNIA
#717880 - gnupg: CVE-2013-4242: Yarom/Falkner flush+reload side-channel attack on RSA secret keys - Debian Bug report logs	MISC
Security Advisory SA54375 - SUSE update for libgcrypt - Secunia	SECUNIA
libgcrypt RSA Secret Keys Information Disclosure Vulnerability	BID
Security Advisory SA54318 - Ubuntu update for gnupg and libgcrypt11 - Secunia	SECUNIA
Cryptology ePrint Archive: Report 2013/448	MISC
Red Hat Customer Portal	REDHAT
Oracle VM Server for x86 Bulletin - July 2016	CONFIRM
USN-1923-1: GnuPG, Libgcrypt vulnerability Ubuntu	UBUNTU
Debian -- Security Information -- DSA-2730-1 gnupg	DEBIAN
openSUSE-SU-2013:1294-1: moderate: libgcrypt: update to 1.5.3	SUSE
Juniper Networks - 2015-10 Security Bulletin: CTPView: Multiple Vulnerabilities in CTPView	CONFIRM
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.

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