



CVE-2015-8370

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

Summary

CVE	CVE-2015-8370
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-12-16 21:59:00 UTC
Updated	2024-01-16 01:15:00 UTC
Description	Multiple integer underflows in Grub2 1.98 through 2.02 allow physically proximate attackers to bypass authentication, obtain

Risk And Classification

Problem Types: CWE-264

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	23	All	All	All
Operating System	Fedoraproject	Fedora	23	All	All	All
Application	Gnu	Grub2	1.98	All	All	All
Application	Gnu	Grub2	1.99	All	All	All
Application	Gnu	Grub2	2.00	All	All	All
Application	Gnu	Grub2	2.01	All	All	All
Application	Gnu	Grub2	2.02	All	All	All
Application	Gnu	Grub2	1.98	All	All	All
Application	Gnu	Grub2	1.99	All	All	All
Application	Gnu	Grub2	2.00	All	All	All
Application	Gnu	Grub2	2.01	All	All	All
Application	Gnu	Grub2	2.02	All	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2015:2392-1: important: Security update	SUSE	lists
SecurityFocus	BUGTRAQ	www

Debian -- Security Information -- DSA-3421-1 grub2	DEBIAN	www
[security-announce] openSUSE-SU-2015:2375-1: important: Security update	SUSE	lists
oss-security - Back to 28: Grub2 Authentication Bypass 0-Day [CVE-2015-8370]	MLIST	www
Full Disclosure: Back to 28: Grub2 Authentication Bypass 0-Day [CVE-2015-8370]	FULLDISC	secl
[SECURITY] Fedora 23 Update: grub2-2.02-0.25.fc23	FEDORA	lists
[security-announce] SUSE-SU-2015:2386-1: important: Security update for	SUSE	lists
[security-announce] SUSE-SU-2015:2399-1: important: Security update for	SUSE	lists
[SECURITY] Fedora 22 Update: grub2-2.02-0.18.fc22	FEDORA	lists
[security-announce] SUSE-SU-2015:2385-1: important: Security update for	SUSE	lists
[security-announce] SUSE-SU-2015:2387-1: important: Security update for	SUSE	lists
Oracle Linux Bulletin - October 2015	CONFIRM	www
[security-announce] openSUSE-SU-2016:0036-1: important: Security update	SUSE	lists
GNU GRUB2 CVE-2015-8370 Multiple Local Authentication Bypass Vulnerabilities	BID	www
GNU GRUB Authentication Bug Lets Local Users Bypass Authentication and Gain Elevated Privileges - SecurityTracker	SECTRACK	www
GRUB: Authentication bypass (GLSA 201512-03) — Gentoo Security	GENTOO	secu
Grub2 Authentication Bypass ~ Packet Storm	MISC	pack
Back to 28: Grub2 Authentication Bypass 0-Day	MISC	hma
oss-security - CVE-2023-4001: a password bypass vulnerability in the downstream GRUB boot manager		www
Red Hat Customer Portal	REDHAT	rhn.i
USN-2836-1: GRUB vulnerability Ubuntu	UBUNTU	www
Oracle Critical Patch Update - January 2016	CONFIRM	www
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[900175](#) CBL-Mariner Linux Security Update for grub2 2.02

[903246](#) Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (1824)

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