



CVE-2020-14310

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

Summary

CVE	CVE-2020-14310
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-07-31 22:15:00 UTC
Updated	2023-11-07 03:17:00 UTC
Description	There is an issue on grub2 before version 2.06 at function read_section_as_string(). It expects a font name to be at max UI

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Application	Gnu	Grub2	All	All	All	All
Application	Gnu	Grub2	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All

References

Reference	Score
1852030 – (CVE-2020-14310) CVE-2020-14310 grub2: Integer overflow read_section_as_string may lead to heap-based buffer overflow	CV
[security-announce] openSUSE-SU-2020:1168-1: important: Security update	SU
[security-announce] openSUSE-SU-2020:1169-1: important: Security update	SU
GRUB: Multiple vulnerabilities (GLSA 202104-05) — Gentoo security	GI
USN-4432-1: GRUB 2 vulnerabilities Ubuntu security notices Ubuntu	UF
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

377345 Alibaba Cloud Linux Security Update for grub2 (ALINUX3-SA-2022:0064)
377367 Alibaba Cloud Linux Security Update for grub2 (ALINUX3-SA-2021:0026)
377533 Alibaba Cloud Linux Security Update for grub2 (ALINUX2-SA-2020:0108)
502730 Alpine Linux Security Update for grub
710015 Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202104-05)
900056 CBL-Mariner Linux Security Update for grub2 2.06~rc1
901919 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6458-1)
903277 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (2558)
906063 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (2558-1)
906505 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6458-2)

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