



CVE-2019-15945

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

Summary

CVE	CVE-2019-15945
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-05 17:15:00 UTC
Updated	2023-11-07 03:05:00 UTC
Description	OpenSC before 0.20.0-rc1 has an out-of-bounds access of an ASN.1 Bitstring in decode_bit_string in libopensc/asn1.c.

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Opensc Project	Opensc	All	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

References

Reference	Source	Link	Tag
[SECURITY] Fedora 31 Update: opensc-0.20.0-3.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
Comparing f1691fc...12218d4 · OpenSC/OpenSC · GitHub	MISC	github.com	Thir
oss-security - OpenSC 0.20.0 released	MLIST	www.openwall.com	Mai
[SECURITY] [DLA 2832-1] opensc security update	MLIST	lists.debian.org	
fixed out of bounds access of ASN.1 Bitstring · OpenSC/OpenSC@412a614 · GitHub	MISC	github.com	Pat
[SECURITY] [DLA 2832-1] opensc security update	MLIST	lists.debian.org	Thir

[SECURITY] [DLA 1910-1] opensc security update	MLIST	lists.debian.org	1111
[SECURITY] Fedora 31 Update: opensc-0.20.0-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

174870 SUSE Enterprise Linux Security Update for opensc (SUSE-SU-2021:0998-1)
174893 SUSE Enterprise Linux Security Update for opensc (SUSE-SU-2021:1168-1)
178918 Debian Security Update for opensc (DLA 2832-1)
356142 Amazon Linux Security Advisory for opensc : ALAS2-2023-2262
501106 Alpine Linux Security Update for opensc
750263 OpenSUSE Security Update for opensc (openSUSE-SU-2021:0565-1)
751951 SUSE Enterprise Linux Security Update for opensc (SUSE-SU-2022:1041-1)
940305 AlmaLinux Security Update for opensc (ALSA-2020:4483)

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