CVE-2010-4523

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2010-4523
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-07 20:00:04 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Multiple stack-based buffer overflows in libopensc in OpenSC 0.11.13 and earlier allow physically proximate attackers to ex

Risk And Classification

Primary CVSS: v2.0 7.2 from nvd@nist.gov

AV:L/AC:L/Au:N/C:C/I:C/A:C

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Opensc-project	Opensc	0.10.0	All	All	All

Application	Opensc-project	Opensc	0.10.1	All	All	All
Application	Opensc-project	Opensc	0.11.0	All	All	All
Application	Opensc-project	Opensc	0.11.1	All	All	All
Application	Opensc-project	Opensc	0.11.10	All	All	All
Application	Opensc-project	Opensc	0.11.11	All	All	All
Application	Opensc-project	Opensc	0.11.12	All	All	All
Application	Opensc-project	Opensc	0.11.2	All	All	All
Application	Opensc-project	Opensc	0.11.3	All	All	All
Application	Opensc-project	Opensc	0.11.3	pre3	All	All
Application	Opensc-project	Opensc	0.11.4	All	All	All
Application	Opensc-project	Opensc	0.11.5	All	All	All
Application	Opensc-project	Opensc	0.11.6	All	All	All
Application	Opensc-project	Opensc	0.11.7	All	All	All
Application	Opensc-project	Opensc	0.11.8	All	All	All
Application	Opensc-project	Opensc	0.11.9	All	All	All
Application	Opensc-project	Opensc	0.3.2	All	All	All
Application	Opensc-project	Opensc	0.3.5	All	All	All
Application	Opensc-project	Opensc	0.4.0	All	All	All
Application	Opensc-project	Opensc	0.5.0	All	All	All
Application	Opensc-project	Opensc	0.6.0	All	All	All
Application	Opensc-project	Opensc	0.6.1	All	All	All
Application	Opensc-project	Opensc	0.7.0	All	All	All
Application	Opensc-project	Opensc	0.8	All	All	All
Application	Opensc-project	Opensc	0.8.0	All	All	All
Application	Opensc-project	Opensc	0.8.0.0	All	All	All
Application	Opensc-project	Opensc	0.8.1	All	All	All
Application	Opensc-project	Opensc	0.9	All	All	All
Application	Opensc-project	Opensc	0.9.2	All	All	All
Application	Opensc-project	Opensc	0.9.3	All	All	All
Application	Opensc-project	Opensc	0.9.4	All	All	All
Application	Opensc-project	Opensc	0.9.5	All	All	All
Application	Opensc-project	Opensc	0.9.6	All	All	All
Application	Opensc-project	Opensc	0.9.7	All	All	All
Application	Opensc-project	Opensc	0.9.7	b	All	All
Application	Opensc-project	Opensc	0.9.7	d	All	All
Application	Opensc-project	Opensc	0.9.8	All	All	All

Application	Opensc-project	Opensc	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Sou
SUSE update for Multiple Packages - Secunia.com	af85
OpenSC Serial Number Processing Buffer Overflow Vulnerabilities - Secunia.com	af85
[SECURITY] Fedora 14 Update: opensc-0.11.13-6.fc14	af85
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af85
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af85
labs.mwrinfosecurity.com/files/Advisories/mwri_opensc-get-serial-buffer-overflow_2010-...	af85
#607427 - libopensc: CVE-2010-4523: buffer overflow from rogue cards - Debian Bug report logs	af85
Bug 664831 – CVE-2010-4523 OpenSC: Three stack-based buffer overflows, when processing crafted serial numbers of certain cards	af85
Changeset 4913 – OpenSC	af85
[SECURITY] Fedora 13 Update: opensc-0.11.13-6.fc13	af85
oss-security - CVE request: opensc buffer overflow	af85
Bug #692483 “Buffer overflow” : Bugs : “opensc” package : Ubuntu	af85
[security-announce] SUSE Security Summary Report: SUSE-SR:2011:002	af85
When a smart card can root your computer - The H Open Source: News and Features	af85
Support / Security / Advisories / / MDVSA-2011:011 | Mandriva	af85
OpenSC Smart Card Serial Number Multiple Buffer Overflow Vulnerabilities	af85
oss-security - Re: CVE request: opensc buffer overflow	af85
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af85
Fedora update for opensc - Secunia.com	af85
CVE Program record	CVE
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report