

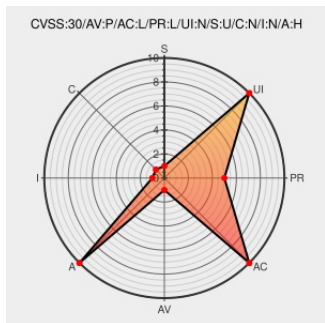


CVE-2018-16427

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CVE-2018-16427

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [OpenSC](#) from [OpenSC Project](#) contain the following vulnerability:

Various out of bounds reads when handling responses in OpenSC before 0.19.0-rc1 could be used by attackers able to supply crafted smartcards to potentially crash the opensc library using programs.

CVE-2018-16427 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Advisory X41-2018-002: Multiple Vulnerabilities in OpenSC X41 D-SEC GmbH	Third Party Advisory www.x41-dsec.de text/html	X MISC www.x41-dsec.de/lab/advisories/x41-2018-002-OpenSC/

Security issues identified by fuzzing by Jakuje · Pull Request #1447 · OpenSC/OpenSC · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/OpenSC/OpenSC/pull/1447/commits/8fe377e93b4b56060e5bbfb6f3142ceaeca744fa

[SECURITY] [DLA 1916-1] openc security update

lists.debian.org

text/html

MLIST [debian-lts-announce] 20190911 [SECURITY] [DLA 1916-1] openc security update

Red Hat Customer Portal

access.redhat.com

text/html

REDHAT RHSA-2019:2154

Release OpenSC-0.19.0-rc1 · OpenSC/OpenSC · GitHub

Patch

Release Notes

Third Party Advisory

github.com

text/html

MISC

github.com/OpenSC/OpenSC/releases/tag/0.19.0-rc1

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Related QID Numbers

377236

Alibaba Cloud Linux Security Update for openc (ALINUX2-SA-2019:0105)

501105

Alpine Linux Security Update for openc

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openc Project	Openc	All	All	All	All
cpe:2.3:a:openc_project:openc:*****:*						

No vendor comments have been submitted for this CVE

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