



CVE-2020-10378

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

Summary

CVE	CVE-2020-10378
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-25 19:15:00 UTC
Updated	2023-11-07 03:14:00 UTC
Description	In libImaging/PcxDecode.c in Pillow before 7.1.0, an out-of-bounds read can occur when reading PCX files where state->sh

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Python	Pillow	All	All	All	All
Application	Python	Pillow	7.0.0	All	All	All
Application	Python	Pillow	All	All	All	All
Application	Python	Pillow	7.0.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 31 Update: python-pillow-6.2.2-3.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: python-pillow-7.0.0-4.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
USN-4430-1: Pillow vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
7.1.0 — Pillow (PIL Fork) 7.1.2 documentation	MISC	pillow.readthedocs.io
[SECURITY] Fedora 31 Update: python-pillow-6.2.2-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org

USN-4430-2: Pillow vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Fix OOB Access on PcxDecode.c · python-pillow/Pillow@6a83e43 · GitHub	MISC	github.com
Update 7.1.0 release notes with CVEs by hugovk · Pull Request #4538 · python-pillow/Pillow · GitHub	MISC	github.com
History for src/libImaging - python-pillow/Pillow · GitHub	MISC	github.com
[SECURITY] Fedora 32 Update: python-pillow-7.0.0-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [296071](#) Oracle Solaris 11.4 Support Repository Update (SRU) 27.82.1 Missing (CPUOCT2020)
- [670236](#) EulerOS Security Update for python-pillow (EulerOS-SA-2021-1840)
- [980226](#) Python (pip) Security Update for Pillow (GHSA-3xv8-3j54-hgrp)

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