CVE-2016-2533

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

Summary

CVE	CVE-2016-2533
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-13 16:59:14 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Buffer overflow in the ImagingPcdDecode function in PcdDecode.c in Pillow before 3.1.1 and Python Imaging Library (PIL)

Risk And Classification

Primary CVSS: v3.0 6.5 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.5	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Python	Pillow	All	All	All	All
Application	Python Imaging Project	Python Imaging	All	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
oss-security - Re: CVE Request -- Buffer overflow in Python-Pillow and PIL	af854a3a-2127-422b
PCD decoder overruns the shuffle buffer, Fixes #568 · python-pillow/Pillow@ae453aa · GitHub	af854a3a-2127-422b
oss-security - CVE Request -- Buffer overflow in Python-Pillow and PIL	af854a3a-2127-422b
PCD decoder overruns the shuffle buffer, Fixes #568 by wiredfool · Pull Request #1706 · python-pillow/Pillow · GitHub	af854a3a-2127-422b
Debian -- Security Information -- DSA-3499-1 pillow	af854a3a-2127-422b
Oracle Solaris Bulletin - January 2016	af854a3a-2127-422b
Pillow/CHANGES.rst at c3cb690fed5d4bf0c45576759de55d054916c165 · python-pillow/Pillow · GitHub	af854a3a-2127-422b

PCD decoder overruns the shuffle buffer, Fixes #568 · python-pillow/Pillow@5bdf54b · GitHub	af854a3a-2127-422b
Pillow: Multiple vulnerabilities (GLSA 201612-52) — Gentoo security	af854a3a-2127-422b
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

981387 Python (pip) Security Update for Pillow (GHSA-3c5c-7235-994j)