



# CVE-2020-10994

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

## Summary

<b>CVE</b>	CVE-2020-10994
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-25 19:15:00 UTC
<b>Updated</b>	2023-11-07 03:14:00 UTC
<b>Description</b>	In libImaging/Jpeg2KDecode.c in Pillow before 7.1.0, there are multiple out-of-bounds reads via a crafted JP2 file.

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Application	<a href="#">Python</a>	<a href="#">Pillow</a>	All	All	All	All
Application	<a href="#">Python</a>	<a href="#">Pillow</a>	All	All	All	All

## References

Reference	Source	Link
Release Notes — Pillow (PIL Fork) 6.0.0 documentation	MISC	<a href="#">pillow.readthedoc:</a>
[SECURITY] Fedora 31 Update: python-pillow-6.2.2-3.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject</a>
[SECURITY] Fedora 32 Update: python-pillow-7.0.0-4.fc32 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject</a>
Fix bounds overflow in JPEG 2000 decoding by hugovk · Pull Request #4505 · python-pillow/Pillow · GitHub	MISC	<a href="#">github.com</a>
USN-4430-1: Pillow vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="#">usn.ubuntu.com</a>
7.1.0 — Pillow (PIL Fork) 7.1.2 documentation	MISC	<a href="#">pillow.readthedoc:</a>
[SECURITY] Fedora 31 Update: python-pillow-6.2.2-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject</a>
USN-4430-2: Pillow vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="#">usn.ubuntu.com</a>
Update 7.1.0 release notes with CVEs by hugovk · Pull Request #4528 · python-pillow/Pillow · GitHub	MISC	<a href="#">github.com</a>

Update 7.1.0 release notes with CVEs by hugovk · Pull Request #4336 · python-pillow/Pillow · GitHub	MISC	<a href="https://github.com">github.com</a>
History for src/libImaging - python-pillow/Pillow · GitHub	MISC	<a href="https://github.com">github.com</a>
[SECURITY] Fedora 32 Update: python-pillow-7.0.0-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject">lists.fedoraproject</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

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)

[980742](#) Python (pip) Security Update for Pillow (GHSA-vj42-xq3r-hr3r)

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