



# CVE-2022-45198

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-45198
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-11-14 07:15:00 UTC
<b>Updated</b>	2023-01-10 20:11:00 UTC
<b>Description</b>	Pillow before 9.2.0 performs Improper Handling of Highly Compressed GIF Data (Data Amplification).

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Python</a>	<a href="#">Pillow</a>	All	All	All	All

## References

Reference	Source	Link
CWE - CWE-409: Improper Handling of Highly Compressed Data (Data Amplification) (4.8)	MISC	<a href="https://cwe.mitre.org">cwe.mitre.org</a>
Pillow: Multiple Vulnerabilities (GLSA 202211-10) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>
Release 9.2.0 · python-pillow/Pillow · GitHub	MISC	<a href="https://github.com">github.com</a>
Added GIF decompression bomb check by radarhere · Pull Request #6402 · python-pillow/Pillow · GitHub	MISC	<a href="https://github.com">github.com</a>
855683 – <dev-python/pillow-9.2.0: vulnerable to gif extent(?) decompression bombs	MISC	<a href="https://bugs.gentoo.org">bugs.gentoo.org</a>
Merge pull request #6403 from radarhere/gif_decompression_bomb · python-pillow/Pillow@11918ea · GitHub	MISC	<a href="https://github.com">github.com</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

[182199](#) Debian Security Update for pillow (CVE-2022-45198)

<a href="#">199075</a> Ubuntu Security Notification for Pillow Vulnerabilities (USN-5777-1)
<a href="#">355121</a> Amazon Linux Security Advisory for python-pillow : ALAS2023-2023-146
<a href="#">672556</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1134)
<a href="#">672563</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1110)
<a href="#">672628</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1397)
<a href="#">672641</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1369)
<a href="#">672678</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1415)
<a href="#">672690</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1435)
<a href="#">672869</a> EulerOS Security Update for python-pillow (EulerOS-SA-2023-1606)
<a href="#">710682</a> Gentoo Linux Pillow Multiple Vulnerabilities (GLSA 202211-10)

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