



# CVE-2023-4504

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

## Summary

<b>CVE</b>	CVE-2023-4504
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@takeonme.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-21 23:15:00 UTC
<b>Updated</b>	2023-11-09 20:58:00 UTC
<b>Description</b>	Due to failure in validating the length provided by an attacker-crafted PPD PostScript document, CUPS and libppd are susc

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	39	All	All	All
Application	<a href="#">Openprinting</a>	<a href="#">Cups</a>	All	All	All	All
Application	<a href="#">Openprinting</a>	<a href="#">Libppd</a>	2.0	rc2	All	All

## References

Reference	Source	Link	Tag
[SECURITY] Fedora 39 Update: libppd-2.0~rc2-4.fc39 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
CUPS Heap-based buffer overflow · Advisory · OpenPrinting/cups · GitHub	MISC	<a href="#">github.com</a>	
[SECURITY] Fedora 37 Update: cups-2.4.7-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
[SECURITY] Fedora 39 Update: cups-2.4.7-1.fc39 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
CUPS Heap-based buffer overflow · Advisory · OpenPrinting/libppd · GitHub	MISC	<a href="#">github.com</a>	
[SECURITY] Fedora 38 Update: cups-2.4.7-1.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	
[SECURITY] [DLA 3594-1] cups security update	MISC	<a href="#">lists.debian.org</a>	
[SECURITY] Fedora 38 Update: libppd-2.0~rc2-4.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>	

Release v2.4.7 · OpenPrinting/cups · GitHub	MISC	<a href="https://github.com">github.com</a>	
cve-template · Austin Hackers Academy	MISC	<a href="https://takeonme.org">takeonme.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	can
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	can

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [199773](#) Ubuntu Security Notification for libppd Vulnerability (USN-6392-1)
- [199774](#) Ubuntu Security Notification for CUPS Vulnerability (USN-6391-1)
- [199776](#) Ubuntu Security Notification for CUPS Vulnerability (USN-6391-2)
- [284543](#) Fedora Security Update for cups (FEDORA-2023-96519dc6fd)
- [284544](#) Fedora Security Update for libppd (FEDORA-2023-00484b4120)
- [284591](#) Fedora Security Update for cups (FEDORA-2023-904f92af98)
- [285246](#) Fedora Security Update for cups (FEDORA-2023-351208aa08)
- [285249](#) Fedora Security Update for libppd (FEDORA-2023-52aa3d1a4f)
- [356383](#) Amazon Linux Security Advisory for cups : ALAS2023-2023-361
- [356433](#) Amazon Linux Security Advisory for cups : ALAS2-2023-2293
- [356451](#) Amazon Linux Security Advisory for cups : ALAS-2023-1857
- [356986](#) Amazon Linux Security Advisory for cups : AL2012-2023-470
- [503324](#) Alpine Linux Security Update for cups
- [505860](#) Alpine Linux Security Update for cups
- [6000163](#) Debian Security Update for cups (DLA 3594-1)
- [673342](#) EulerOS Security Update for cups (EulerOS-SA-2023-3238)
- [673361](#) EulerOS Security Update for cups (EulerOS-SA-2024-1135)
- [673427](#) EulerOS Security Update for cups (EulerOS-SA-2023-3325)
- [673439](#) EulerOS Security Update for cups (EulerOS-SA-2023-3293)
- [673641](#) EulerOS Security Update for cups (EulerOS-SA-2023-3266)
- [673679](#) EulerOS Security Update for cups (EulerOS-SA-2023-3168)
- [673878](#) EulerOS Security Update for cups (EulerOS-SA-2023-3203)

[674015](#) EulerOS Security Update for cups (EulerOS-SA-2024-1259)

[710864](#) Gentoo Linux CUPS Multiple Vulnerabilities (GLSA 202402-17)

[754891](#) SUSE Enterprise Linux Security Update for cups (SUSE-SU-2023:3707-1)

[754892](#) SUSE Enterprise Linux Security Update for cups (SUSE-SU-2023:3706-1)

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