



# CVE-2023-4156

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

## Summary

<b>CVE</b>	CVE-2023-4156
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-25 18:15:00 UTC
<b>Updated</b>	2023-11-07 04:22:00 UTC
<b>Description</b>	A heap out-of-bounds read flaw was found in builtin.c in the gawk package. This issue may lead to a crash and could be us

## 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="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gawk</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	6.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All

## References

Reference	Source	Link	Tags
cve-details	MISC	<a href="#">access.redhat.com</a>	
2215930 – (CVE-2023-4156) CVE-2023-4156 gawk: heap out of bound read in builtin.c	MISC	<a href="#">bugzilla.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analy

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199755](#) Ubuntu Security Notification for gawk Vulnerability (USN-6373-1)

[296105](#) Oracle Solaris 11.4 Support Repository Update (SRU) 63.157.1 Missing (CPUOCT2023)

<a href="#">355875</a> Amazon Linux Security Advisory for gawk : ALAS2023-2023-292
<a href="#">356769</a> Amazon Linux Security Advisory for gawk : ALAS2-2023-2357
<a href="#">673351</a> EulerOS Security Update for gawk (EulerOS-SA-2023-2875)
<a href="#">673352</a> EulerOS Security Update for gawk (EulerOS-SA-2023-2894)
<a href="#">673466</a> EulerOS Security Update for gawk (EulerOS-SA-2023-3173)
<a href="#">673579</a> EulerOS Security Update for gawk (EulerOS-SA-2023-3005)
<a href="#">673606</a> EulerOS Security Update for gawk (EulerOS-SA-2023-3208)
<a href="#">673851</a> EulerOS Security Update for gawk (EulerOS-SA-2023-3028)
<a href="#">907461</a> Common Base Linux Mariner (CBL-Mariner) Security Update for gawk (30045)
<a href="#">907485</a> Common Base Linux Mariner (CBL-Mariner) Security Update for gawk (30045-1)

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