



# CVE-2023-31439

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

## Summary

<b>CVE</b>	CVE-2023-31439
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-13 17:15:00 UTC
<b>Updated</b>	2023-12-21 15:15:00 UTC
<b>Description</b>	** DISPUTED ** An issue was discovered in systemd 253. An attacker can modify the contents of past events in a sealed log

## Risk And Classification

**Problem Types:** CWE-354

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Systemd Project	Systemd	253	-	All	All

## References

Reference	Source
GitHub - kastel-security/Journald: Three Vulnerabilities in Journald Forward Secure Log Sealing	MISC
Journald/journald-publication.pdf at main · kastel-security/Journald · GitHub	MISC
Releases · systemd/systemd · GitHub	MISC
journalctl: verify that old entries are not sealed with too recent key by felixdoerre · Pull Request #28885 · systemd/systemd · GitHub	
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

6140437 AWS Bottlerocket Security Update for systemd (GHSA-c8rh-5r8v-5w68)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)