



# CVE-2022-3996

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## Summary

<b>CVE</b>	CVE-2022-3996
<b>State</b>	PUBLIC
<b>Assigner</b>	openssl-security@openssl.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-13 16:15:00 UTC
<b>Updated</b>	2023-11-07 03:52:00 UTC
<b>Description</b>	If an X.509 certificate contains a malformed policy constraint and policy processing is enabled, then a write lock will be take

## Risk And Classification

**Problem Types:** CWE-667

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openssl	Openssl	All	All	All	All

## References

Reference	Source	Link	Tags
x509: fix double locking problem · openssl/openssl@7725e7b · GitHub	MISC	<a href="https://github.com">github.com</a>	
<a href="https://www.openssl.org/news/secadv/20221213.txt">www.openssl.org/news/secadv/20221213.txt</a>	MISC	<a href="https://www.openssl.org">www.openssl.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

- [183367](#) Debian Security Update for Open Secure Sockets Layer (OpenSSL) (CVE-2022-3996)
- [199305](#) Ubuntu Security Notification for Open Secure Sockets Layer (OpenSSL) Vulnerabilities (USN-6039-1)
- [330133](#) IBM Advanced Interactive eXecutive (AIX) Open Secure Sockets Layer (OpenSSL) Multiple Vulnerabilities (openssl\_advisory38)
- [355211](#) Amazon Linux Security Advisory for Open Secure Sockets Layer (OpenSSL) : ALAS2023-2023-095

[502653](#) Alpine Linux Security Update for Open Secure Sockets Layer3 (OpenSSL3)

[502756](#) Alpine Linux Security Update for openssl

[753024](#) SUSE Enterprise Linux Security Update for openssl-3 (SUSE-SU-2022:4586-1)

[996216](#) Rust (Rust) Security Update for openssl-src (GHSA-vr8j-hgmm-jh9r)

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