



CVE-2022-48570

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

Summary

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|------------------------|--|
| CVE | CVE-2022-48570 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-08-22 19:16:00 UTC |
| Updated | 2023-08-26 02:21:00 UTC |
| Description | Crypto++ through 8.4 contains a timing side channel in ECDSA signature generation. Function FixedSizeAllocatorWithClea |

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------------------------|------------------------|---------|--------|---------|----------|
| Application | Cryptopp | Crypto | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|------------------------------|---------------------|
| AppVeyor failures after fixing FixedSizeSecBlock · Issue #992 · weidai11/cryptopp · GitHub | MISC | github.com | |
| Release Crypto++ 8.4 release · weidai11/cryptopp · GitHub | MISC | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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