



CVE-2020-8944

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

Summary

CVE	CVE-2020-8944
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-15 15:15:00 UTC
Updated	2020-12-17 18:20:00 UTC
Description	An arbitrary memory write vulnerability in Asylo versions up to 0.6.0 allows an untrusted attacker to make a call to ecall_res

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Asylo	All	All	All	All

References

Reference	Source	Link	Tags
Check output of ecall_restore is outside enclave · google/asylo@382da2b · GitHub	CONFIRM	github.com	Exploit, Third Party Advisor
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Qinkun Bao (Baidu Security)

LEGACY: Zhaofeng Chen (Baidu Security)

LEGACY: Mingshen Sun (Baidu Security)

LEGACY: Kang Li (Baidu Security)

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

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