



CVE-2019-16910

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

Summary

CVE	CVE-2019-16910
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-26 13:15:00 UTC
Updated	2023-03-03 15:24:00 UTC
Description	Arm Mbed TLS before 2.19.0 and Arm Mbed Crypto before 2.0.0, when deterministic ECDSA is enabled, use an RNG with

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Arm	Mbed Crypto	All	All	All	All
Application	Arm	Mbed Crypto	All	All	All	All
Application	Arm	Mbed Tls	All	All	All	All
Application	Arm	Mbed Tls	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 29 Update: mbedtls-2.16.3-1.fc29 - package-announce - Fedora Mailing-Lists	MISC	lists.fedorap
Side channel attack on deterministic ECDSA - Tech Updates - Mbed TLS (Previously PolarSSL)	MISC	tls.mbed.org
Merge remote-tracking branch 'upstream-restricted/pr/556' into mbedtl... · ARMmbed/mbedtls@33f66ba · GitHub	MISC	github.com
[SECURITY] Fedora 30 Update: mbedtls-2.16.3-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedorap
[SECURITY] Fedora 29 Update: mbedtls-2.16.3-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedorap

Merge remote-tracking branch 'upstream-restricted/pr/549' into mbedtl... · ARMmbed/mbedtls@298a43a · GitHub	MISC	github.com
[SECURITY] [DLA 3249-1] mbedtls security update	MLIST	lists.debian.org
[SECURITY] Fedora 31 Update: mbedtls-2.16.3-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 30 Update: mbedtls-2.16.3-1.fc30 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
[SECURITY] Fedora 31 Update: mbedtls-2.16.3-1.fc31 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[181446](#) Debian Security Update for mbedtls (DLA 3249-1)

[500395](#) Alpine Linux Security Update for mbedtls

[504153](#) Alpine Linux Security Update for mbedtls

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