

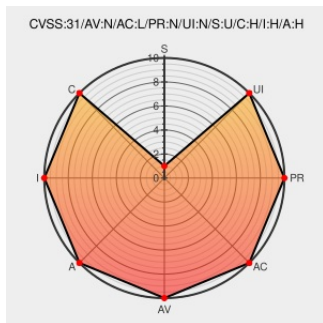


CVE-2019-20791

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CVE-2019-20791

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [OpenThread](#) from [Google](#) contain the following vulnerability:

OpenThread before 2019-12-13 has a stack-based buffer overflow in MeshCoP::Commissioner::GeneratePskc.

CVE-2019-20791 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
[commissioner] add network name length check in GeneratePskc() (#4404) · openthread/openthread@b8c3161 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/openthread/openthread/commit/b8c3161281f8e15873f8decabd8eac46

[commissioner] use strlen instead of strlen (#4404) · openthread/openthread@c3a3a0c · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/openthread/openthread/commit/c3a3a0c424322009fec3ab735fb20ce8f

19386 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail

Exploit

Mailing List

Third Party Advisory

bugs.chromium.org

text/html

MISC

bugs.chromium.org/p/oss-fuzz/issues/detail?id=19386

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Openthread	All	All	All	All
Operating System	Google	Openthread	All	All	All	All

cpe:2.3:o:google:openthread:*.***.***.***:

cpe:2.3:o:google:openthread:*.***.***.***:

No vendor comments have been submitted for this CVE

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