



Step CA: Unauthenticated Certificate Issuance via SCEP UpdateReq (MessageType=18)

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

Summary

CVE	CVE-2026-30836
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-19 21:17:09 UTC
Updated	2026-04-27 13:41:54 UTC
Description	Step CA is an online certificate authority for secure, automated certificate management for DevOps. Versions 0.30.0-rc6 an

Risk And Classification

Primary CVSS: v3.1 10 CRITICAL from security-advisories@github.com

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:N

EPSS: 0.000100000 probability, percentile 0.011000000 (date 2026-04-27)

Problem Types: CWE-287 | CWE-295 | CWE-287 CWE-287: Improper Authentication | CWE-295 CWE-295: Improper Certificate Validation

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	10	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:N
3.1	CNA	DECLARED	10	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Smallstep	Step-ca	All	All	All	All
Application	Smallstep	Step-ca	0.30.0	rc1	All	All
Application	Smallstep	Step-ca	0.30.0	rc2	All	All
Application	Smallstep	Step-ca	0.30.0	rc3	All	All
Application	Smallstep	Step-ca	0.30.0	rc4	All	All
Application	Smallstep	Step-ca	0.30.0	rc5	All	All
Application	Smallstep	Step-ca	0.30.0	rc6	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Smallstep	Certificates	affected < 0.30.0	Not specified

References

Reference	Source	Link	Tags
github.com/smallstep/certificates/commit/e6da031d5125cfd99fe9a26f74bb41e...	security-advisories@github.com	github.com	Patch
github.com/smallstep/certificates/security/advisories/GHSA-q4r8-xm5f-56gw	security-advisories@github.com	github.com	Vendor /
github.com/smallstep/certificates/releases/tag/v0.30.0-rc7	security-advisories@github.com	github.com	Release
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

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

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