



# Botan: Case-Insensitive CN Values Bypass DNS excludedSubtrees Name Constraints (RFC 5280 Violation)

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2026-32884  |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | GitHub_M  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2026-03-30 21:17:10 UTC   |
| <b>Updated</b>         | 2026-04-01 14:24:02 UTC   |
| <b>Description</b>     | Botan is a C++ cryptography library. Prior to version 3.11.0, during processing of an X.509 certificate path using name constraints |

## Risk And Classification

**Primary CVSS:** v3.1 5.9 MEDIUM from security-advisories@github.com

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

**EPSS:** 0.000160000 probability, percentile 0.035680000 (date 2026-04-01)

**Problem Types:** CWE-295 | CWE-295 CWE-295: Improper Certificate Validation

| Version | Source                         | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1     | security-advisories@github.com | Secondary | 5.9   | MEDIUM   | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N |
| 3.1     | CNA                            | DECLARED  | 5.9   | MEDIUM   | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N |

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

None

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

#### Vendor Declared Affected Products

| Source | Vendor                 | Product               | Version           | Platforms     |
|--------|------------------------|-----------------------|-------------------|---------------|
| CNA    | <a href="#">Rambit</a> | <a href="#">Botan</a> | affected < 3.11.0 | Not specified |

#### References

| Reference   | Source   | Link  | Tags                |
|---|--|---|---------------------|
| <a href="https://github.com/randombit/botan/security/advisories/GHSA-7c3g-7763-ggj5">github.com/randombit/botan/security/advisories/GHSA-7c3g-7763-ggj5</a> | <a href="mailto:security-advisories@github.com">security-advisories@github.com</a> | <a href="https://github.com">github.com</a>     |                     |
| CVE Program record  | CVE.ORG  | <a href="https://www.cve.org">www.cve.org</a>   | canonical           |
| NVD vulnerability detail  | NVD  | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | 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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