

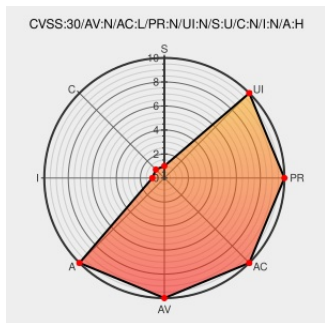


# CVE-2015-7825

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## CVE-2015-7825

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

Certain versions of [Botan](#) from [Botan Project](#) contain the following vulnerability:

botan before 1.11.22 improperly validates certificate paths, which allows remote attackers to cause a denial of service (infinite loop and memory consumption) via a certificate with a loop in the certificate chain.

CVE-2015-7825 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.8 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>COMPLETE</b>     |

## CVE References

| Description                                                         | Tags                                                                                                | Link                                                                             |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Security — Botan                                                    | <a href="#">Vendor Advisory</a><br><a href="#">botan.randombit.net</a><br><a href="#">text/html</a> | <a href="#">CONFIRM</a><br><a href="#">botan.randombit.net/security.html#id3</a> |
| 1311618 – (CVE-2015-7825) CVE-2015-7825 botan: infinite loop during | <a href="#">Issue Tracking</a>                                                                      | <a href="#">CONFIRM</a>                                                          |

certificate path validation

Third Party Advisory

VDB Entry

bugzilla.redhat.com

text/html

bugzilla.redhat.com/show\_bug.cgi?id=1311618

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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 |
|------------------------------------------|-------------------------------|-----------------------|---------|--------|---------|----------|
| Application                              | <a href="#">Botan Project</a> | <a href="#">Botan</a> | All     | All    | All     | All      |
| cpe:2.3:a:botan_project:botan:*:*:*:*:*: |                               |                       |         |        |         |          |

No vendor comments have been submitted for this CVE

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