CVE-2017-2800

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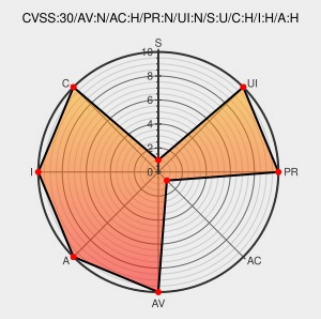
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Wolfssl from Wolfssl contain the following vulnerability:

A specially crafted x509 certificate can cause a single out of bounds byte overwrite in wolfSSL through 3.10.2 resulting in potential certificate validation vulnerabilities, denial of service and possible remote code execution. In order to trigger this vulnerability, the attacker needs to supply a malicious x509 certificate to either a server or a client application using this library.

CVE-2017-2800 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **wolfSSL** - **wolfSSL** version **3.10.2**

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

wolfSSL 3.10.2 - x509 Certificate Text Parsing Off-by-One - Multiple dos Exploit	www.exploit-db.com Proof of Concept text/html	EXPLOIT-DB 41984
TALOS-2017-0293 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2017-0293

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wolfssl	Wolfssl	All	All	All	All

cpe:2.3:a:wolfssl:wolfssl:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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