



CVE-2018-19131

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[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Squid](#) from [Squid-cache](#) contain the following vulnerability:

Squid before 4.4 has XSS via a crafted X.509 certificate during HTTP(S) error page generation for certificate errors.

CVE-2018-19131 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.1 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	LOW	LOW	NONE

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Certificate fields injection via %D in ERR_SECURE_CONNECT_FAIL by chtsanti · Pull Request #306 · squid-cache/squid · GitHub	Third Party Advisory github.com text/html	MISC github.com/squid-cache/squid/pull/306
	Patch	MISC www.squid-

[Vendor Advisory](#)[www.squid-cache.org](#)[text/x-diff](#)[cache.org/Versions/v5/changesets/squid-5-6feeb15ff312f3e145763adf8d234ed6a0b3f11d.patch](#)[Mitigation](#)[Vendor Advisory](#)[www.squid-cache.org](#)[text/plain](#)[MISC](#) [www.squid-cache.org/Advisories/SQUID-2018_4.txt](#)

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Related QID Numbers

356435 Amazon Linux Security Advisory for squid : ALAS2-2023-2310

Exploit/POC from Github

Proof-of-Concept exploit of CVE-2018-19131: Squid Proxy XSS via X.509 Certificate

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Squid-cache	Squid	All	All	All	All
Application	Squid-cache	Squid	All	All	All	All
cpe:2.3:a:squid-cache:squid:*****:.*						
cpe:2.3:a:squid-cache:squid:*****:.*						

No vendor comments have been submitted for this CVE

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