



# CVE-2020-11958

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## Summary

<b>CVE</b>	CVE-2020-11958
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-04-21 01:15:00 UTC
<b>Updated</b>	2023-01-27 18:38:00 UTC
<b>Description</b>	re2c 1.3 has a heap-based buffer overflow in Scanner::fill in parse/scanner.cc via a long lexeme.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Application	<a href="#">Re2c</a>	<a href="#">Re2c</a>	1.3	All	All	All
Application	<a href="#">Re2c</a>	<a href="#">Re2c</a>	1.3	All	All	All

## References

Reference	Source	Link	Tags
oss-security - Re: re2c: heap overflow in Scanner::fill (scanner.cc)	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>	Mailing List, T
re2c: heap overflow in Scanner::fill (scanner.cc)   agostino's blog	MISC	<a href="http://blogs.gentoo.org">blogs.gentoo.org</a>	Third Party Ac
USN-4338-1: re2c vulnerability   Ubuntu security notices	UBUNTU	<a href="http://usn.ubuntu.com">usn.ubuntu.com</a>	Third Party Ac
oss-security - re2c: heap overflow in Scanner::fill (scanner.cc)	MISC	<a href="http://www.openwall.com">www.openwall.com</a>	Mailing List, T
USN-4338-2: re2c vulnerability   Ubuntu security notices	UBUNTU	<a href="http://usn.ubuntu.com">usn.ubuntu.com</a>	
re2c: Buffer overflow (GLSA 202007-28) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Fix crash in lexer refill (reported by Agostino Sarubbo). · skvadrik/re2c@c4603ba · GitHub	MISC	<a href="http://github.com">github.com</a>	Patch, Third P
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, and

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

500598 Alpine Linux Security Update for re2c

504349 Alpine Linux Security Update for re2c

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