



# CVE-2019-18281

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

## Summary

<b>CVE</b>	CVE-2019-18281
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-10-23 15:15:00 UTC
<b>Updated</b>	2020-02-18 20:15:00 UTC
<b>Description</b>	An out-of-bounds memory access in the generateDirectionalRuns() function in qtextengine.cpp in Qt qtbase 5.11.x and 5.12.x

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Qt</a>	<a href="#">Qtbase</a>	All	All	All	All
Application	<a href="#">Qt</a>	<a href="#">Qtbase</a>	All	All	All	All
Application	<a href="#">Qt</a>	<a href="#">Qtbase</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Debian -- Security Information -- DSA-4556-1 qtbase-opensource-src	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	Third Party
Bug #1848784 "Crash in Qt 5.12.2" : Bugs : qtbase-opensource-src package : Ubuntu	MISC	<a href="http://bugs.launchpad.net">bugs.launchpad.net</a>	Issue Track
<a href="http://codereview.qt-project.org/c/qt/qtbase/+271889">codereview.qt-project.org/c/qt/qtbase/+271889</a>	MISC	<a href="http://codereview.qt-project.org">codereview.qt-project.org</a>	Patch, Ven
QtCore: Multiple vulnerabilities (GLSA 202003-60) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Bugtraq: [SECURITY] [DSA 4556-1] qtbase-opensource-src security update	BUGTRAQ	<a href="http://seclists.org">seclists.org</a>	Mailing List
Qt Account Login	MISC	<a href="http://bugreports.qt.io">bugreports.qt.io</a>	Permission
USN-4275-1: Qt vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="http://usn.ubuntu.com">usn.ubuntu.com</a>	

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, c

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No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">671552</a> EulerOS Security Update for qt5-qtbase (EulerOS-SA-2022-1584)
<a href="#">960739</a> Rocky Linux Security Update for qt5 (RLSA-2020:1665)

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