



# CVE-2018-5379

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

## Summary

<b>CVE</b>	CVE-2018-5379
<b>State</b>	PUBLIC
<b>Assigner</b>	cert@cert.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-02-19 13:29:00 UTC
<b>Updated</b>	2019-10-09 23:41:00 UTC
<b>Description</b>	The Quagga BGP daemon (bgpd) prior to version 1.2.3 can double-free memory when processing certain forms of UPDATI

## Risk And Classification

**Problem Types:** CWE-415

## 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>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	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>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Quagga</a>	<a href="#">Quagga</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.6	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Hardware	Siemens	Ruggedcom Rox li	-	All	All	All
Hardware	Siemens	Ruggedcom Rox li	-	All	All	All
Operating System	Siemens	Ruggedcom Rox li Firmware	All	All	All	All
Operating System	Siemens	Ruggedcom Rox li Firmware	All	All	All	All

## References

Reference	Source	Link
CERT Vulnerability Notes Database	CERT-VN	<a href="http://www.kb.cert.org">www.kb.cert.org</a>
Quagga CVE-2018-5379 Remote Code Execution Vulnerability	BID	<a href="http://www.securityfocus.com/bid/104842">www.securityfocus.com/bid/104842</a>
<a href="http://cert-portal.siemens.com/productcert/pdf/ssa-451142.pdf">cert-portal.siemens.com/productcert/pdf/ssa-451142.pdf</a>	CONFIRM	<a href="http://cert-portal.siemens.com/productcert/pdf/ssa-451142.pdf">cert-portal.siemens.com/productcert/pdf/ssa-451142.pdf</a>
Debian -- Security Information -- DSA-4115-1 quagga	DEBIAN	<a href="http://www.debian.org/security/2018/dsa-4115-1">www.debian.org/security/2018/dsa-4115-1</a>
Red Hat Customer Portal	REDHAT	<a href="https://access.redhat.com/errata/RHSA-2018-0808">access.redhat.com/errata/RHSA-2018-0808</a>
[SECURITY] [DLA 1286-1] quagga security update	MLIST	<a href="http://lists.debian.org/debian-security-announce/2018/07/msg00001.html">lists.debian.org/debian-security-announce/2018/07/msg00001.html</a>
Quagga Routing Software - News: Quagga 1.2.3 Release, with significant BGP security fixes [Savannah]	CONFIRM	<a href="http://savannah.nongnu.org/news/view_news.php?id=104842">savannah.nongnu.org/news/view_news.php?id=104842</a>
Quagga/quagga: Primary Quagga git repository - Quagga	CONFIRM	<a href="https://gogs.quagga.net">gogs.quagga.net</a>
Quagga: Multiple vulnerabilities (GLSA 201804-17) — Gentoo Security	GENTOO	<a href="https://security.gentoo.org/glsa/201804-17">security.gentoo.org/glsa/201804-17</a>
USN-3573-1: Quagga vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://usn.ubuntu.com/3573-1">usn.ubuntu.com/3573-1</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov/vuln/detail/CVE-2018-5379">nvd.nist.gov/vuln/detail/CVE-2018-5379</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[690650](#) Free Berkeley Software Distribution (FreeBSD) Security Update for quagga (e15a22ce-f16f-446b-9ca7-6859350c2e75)

[710242](#) Gentoo Linux Quagga Multiple Vulnerabilities (GLSA 201804-17)

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