CVE-2017-7652

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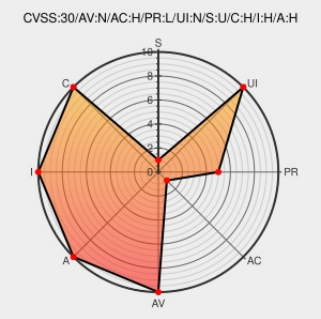
CVE-2017-7652

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



Certain versions of Debian Linux from Debian contain the following vulnerability:

In Eclipse Mosquitto 1.4.14, if a Mosquitto instance is set running with a configuration file, then sending a HUP signal to server triggers the configuration to be reloaded from disk. If there are lots of clients connected so that there are no more file descriptors/sockets available (default limit typically 1024 file descriptors on Linux), then opening the configuration file will fail.

CVE-2017-7652 has been assigned by security@eclipse.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **The Eclipse Foundation** - **Eclipse Mosquitto** version **1.4.14**

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

Debian -- Security Information -- DSA-4325-1 mosquitto	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-4325
530102 – (CVE-2017-7652) Reloading Mosquitto configuration may fail if no file descriptors are available	Issue Tracking Third Party Advisory bugs.eclipse.org text/html	CONFIRM bugs.eclipse.org/bugs/show_bug.cgi?id=530102
[SECURITY] [DLA 1334-1] mosquitto security update	Mailing List Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20180331 [SECURITY] [DLA 1334-1] mosquitto security update
Security advisory: CVE-2017-7651, CVE-2017-7652 | Eclipse Mosquitto	Patch Vendor Advisory mosquitto.org text/html	CONFIRM mosquitto.org/blog/2018/02/security-advisory-cve-2017-7651-cve-2017-7652/
[SECURITY] [DLA 1409-1] mosquitto security update	Mailing List Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20180629 [SECURITY] [DLA 1409-1] mosquitto security update

Related QID Numbers

500407 Alpine Linux Security Update for mosquitto

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Eclipse	Mosquitto	All	All	All	All

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*

cpe:2.3:a:eclipse:mosquitto:*:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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