CVE-2017-18359

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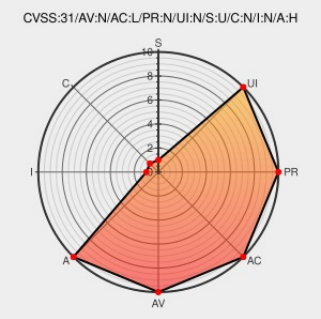
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

PostGIS 2.x before 2.3.3, as used with PostgreSQL, allows remote attackers to cause a denial of service via crafted ST_AsX3D function input, as demonstrated by an abnormal server termination for "SELECT ST_AsX3D('LINESTRING EMPTY');" because empty geometries are mishandled.

CVE-2017-18359 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
[SECURITY] [DLA 1653-1] postgis security update	Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20190131 [SECURITY] [DLA 1653-1] postgis security update

Changeset 15444 – PostGIS	Patch Third Party Advisory trac.osgeo.org text/html	MISC trac.osgeo.org/postgis/changeset/15444
[SECURITY] [DLA 2857-1] postgis security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20211227 [SECURITY] [DLA 2857-1] postgis security update
#3704 (ST_AsX3D returns random data / crashes client) – PostGIS	Third Party Advisory trac.osgeo.org text/html	MISC trac.osgeo.org/postgis/ticket/3704
Changeset 15445 – PostGIS	Patch Third Party Advisory trac.osgeo.org text/html	MISC trac.osgeo.org/postgis/changeset/15445

Related QID Numbers

178963 Debian Security Update for postgis (DLA 2857-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	8.0	All	All	All
Application	Postgis	Postgis	All	All	All	All
Application	Postgis	Postgis	All	All	All	All

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:8.0:*:*:*:*:*:*:*

cpe:2.3:a:postgis:postgis:*:*:*:*:*:postgresql:*:*

cpe:2.3:a:postgis:postgis:*:*:*:*:*:postgresql:*:*

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report