CVE-2021-45844

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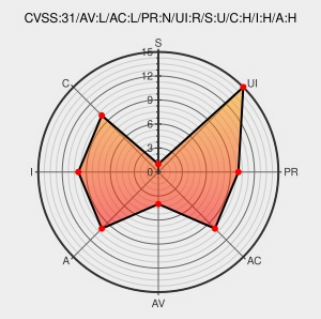
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

Improper sanitization in the invocation of ODA File Converter from FreeCAD 0.19 allows an attacker to inject OS commands via a crafted filename.

CVE-2021-45844 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.6 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	HIGH	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
[FIXED] Security Advisory: DWG import/export with ODA file converter - FreeCAD Forum	forum.freecadweb.org text/html	MISC forum.freecadweb.org/viewtopic.php?t=64733
Debian -- Security Information -- DSA-5229-1 freecad	www.debian.org Depreciated Link	DEBIAN DSA-5229

	text/html	
0004809: Security vulnerability in DWG import when using ODA file converter - FreeCAD Tracker	tracker.freecad.org text/html	MISC tracker.freecad.org/view.php?id=4809
[SECURITY] [DLA 3076-1] freecad security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20220818 [SECURITY] [DLA 3076-1] freecad security update
[SECURITY] [DLA 2934-1] freecad security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20220307 [SECURITY] [DLA 2934-1] freecad security update

Related QID Numbers

179109 Debian Security Update for freecad (DLA 2934-1)

179110 Debian Security Update for freecad (DLA 2934-1)

180947 Debian Security Update for freecad (DLA 3076-1)

181052 Debian Security Update for freecad (DSA 5229-1)

183780 Debian Security Update for freecad (CVE-2021-45844)

Exploit/POC from Github

Improper sanitization in the invocation of ODA File Converter from FreeCAD 0.19 allows an attacker to inject OS comma…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Freecadweb	Freecad	0.19	All	All	All

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:11.0:*:*:*:*:*:*:*:

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

cpe:2.3:a:freecadweb:freecad:0.19:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-45844 : Improper sanitization in the invocation of ODA File Converter from FreeCAD 0.19 allows an attacker… twitter.com/i/web/status/1…	2022-01-25 13:10:16
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-45844 Description: Improper sanitization in the invocation of ODA File… twitter.com/i/web/status/1…	2022-01-25 13:56:17
/r/netcve	CVE-2021-45844	2022-01-25 14:38:40

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