



CVE-2021-45844

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CVE-2021-45844

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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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 [M](#) 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 Deprecated 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](#)

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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
← Previous ID		Next ID→

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