

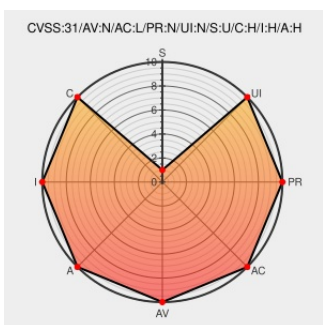


CVE-2021-32563

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CVE-2021-32563

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Thunar](#) from [Xfce](#) contain the following vulnerability:

An issue was discovered in Thunar before 4.16.7 and 4.17.x before 4.17.2. When called with a regular file as a command-line argument, it delegates to a different program (based on the file type) without user confirmation. This could be used to achieve code execution.

CVE-2021-32563 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Dont execute files, passed via command line due to security risks (9165a61f) · Commits · Xfce / thunar · GitLab	gitlab.xfce.org text/html	MISC gitlab.xfce.org/xfce/thunar/-/commit/9165a61f95e43cc0b5abf9b98eee2818a0191e0b
Regression: Activating Desktop Icon does not Use Default Application (3b54d9d7) · Commits · Xfce / thunar · GitLab	gitlab.xfce.org text/html	MISC gitlab.xfce.org/xfce/thunar/-/commit/3b54d9d7dbd7fd16235e2141c43a7f18718f5664

oss-security - Code execution through Thunar	www.openwall.com text/html	 MISC www.openwall.com/lists/oss-security/2021/05/09/2
oss-security - Re: Code execution through MIME-type association of Mono interpreter and security expectations of MIME type associations	www.openwall.com text/html	 MLIST [oss-security] 20230105 Re: Code execution through MIME-type association of Mono interpreter and security expectations of MIME type associations
oss-security - Re: Code execution through Thunar	www.openwall.com text/html	 MLIST [oss-security] 20210511 Re: Code execution through Thunar
Dont execute files, passed via command line due to security risks (1b85b96e) · Commits · Xfce / thunar · GitLab	gitlab.xfce.org text/html	 MISC gitlab.xfce.org/xfce/thunar/-/commit/1b85b96ebf7cb9bf6a3dddf1acee7643643fdf92d
oss-security - Code execution through MIME-type association of Mono interpreter and security expectations of MIME type associations	www.openwall.com text/html	 MLIST [oss-security] 20230104 Code execution through MIME-type association of Mono interpreter and security expectations of MIME type associations
Tags · Xfce / thunar · GitLab	gitlab.xfce.org text/html	 MISC gitlab.xfce.org/xfce/thunar/-/tags

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Related QID Numbers

179480 Debian Security Update for thunar (CVE-2021-32563)

Exploit/POC from Github

An issue was discovered in Thunar before 4.16.7 and 4.17.x before 4.17.2. When called with a regular file as a comman...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Xfce	Thunar	All	All	All	All
cpe:2.3:a:xfce:thunar:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-32563 : An issue was discovered in Thunar before 4.16.7 and 4.17.x before 4.17.2. When called with a regul... twitter.com/i/web/status/1...	2021-05-11 05:03:38
 /r/netcve	CVE-2021-32563	2021-05-11 05:41:31

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