CVE-2021-32563

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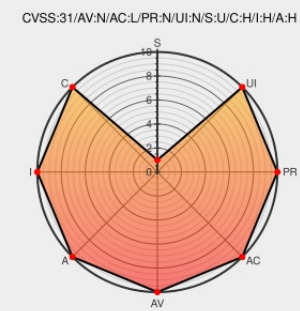
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 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/1b85b96ebf7cb9bf6a3ddf1acee7643643fdf92d
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

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

← Previous ID

Next ID→

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