CVE-2020-14977

Published on: 06/23/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

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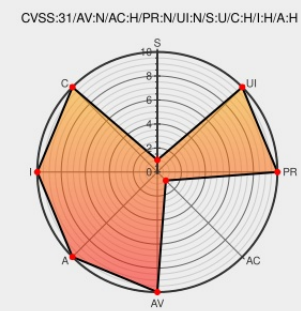
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Safe from F-secure contain the following vulnerability:

An issue was discovered in F-Secure SAFE 17.7 on macOS. The XPC services use the PID to identify the connecting client, which allows an attacker to perform a PID reuse attack and connect to a privileged XPC service, and execute privileged commands on the system. NOTE: the attacker needs to execute code on an already compromised machine.

CVE-2020-14977 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.1 - HIGH

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

CVSS2 Score: 9.3 - HIGH

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

CVE References

Description	Tags	Link
Hall of Fame | F-Secure	Vendor Advisory www.f-secure.com text/html	MISC www.f-secure.com/en/business/programs/vulnerability-reward-program/hall-of-fame

Posts · theevilbit blog	Exploit Third Party Advisory theevilbit.github.io text/html	MISC theevilbit.github.io/posts/
F-Secure SAFE — Internet security for all devices | F-Secure	Vendor Advisory www.f-secure.com text/html	MISC www.f-secure.com/en/home/products/safe

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F-secure	Safe	17.7	All	All	All
Application	F-secure	Safe	17.7	All	All	All

cpe:2.3:a:f-secure:safe:17.7:*:*:*:*:macos:*:*:

cpe:2.3:a:f-secure:safe:17.7:*:*:*:*:macos:*:*:

No vendor comments have been submitted for this CVE

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