CVE-2019-5595

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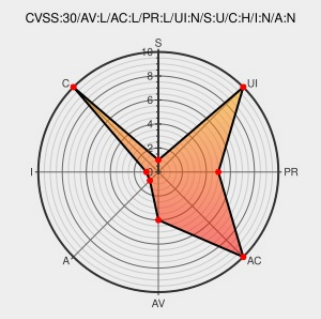

Certain versions of Freebsd from Freebsd contain the following vulnerability:

In FreeBSD before 11.2-STABLE(r343782), 11.2-RELEASE-p9, 12.0-STABLE(r343781), and 12.0-RELEASE-p3, kernel callee-save registers are not properly sanitized before return from system calls, potentially allowing some kernel data used in the system call to be exposed.

CVE-2019-5595 has been assigned by secteam@freebsd.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **FreeBSD** - **FreeBSD** version **FreeBSD 11.2 before 11.2-RELEASE-p9 and 12.0 before 12.0-RELEASE-p3**

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link

IBM X-Force Exchange	Third Party Advisory exchange.xforce.ibmcloud.com text/html	MISC exchange.xforce.ibmcloud.com/vulnerabilities/156624
	Patch Vendor Advisory security.FreeBSD.org text/plain	FREEBSD FreeBSD-SA-19:01

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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	Freebsd	Freebsd	11.2	All	All	All
Application	Freebsd	Freebsd	12.0	All	All	All
Application	Freebsd	Freebsd	11.2	All	All	All
Application	Freebsd	Freebsd	12.0	All	All	All

cpe:2.3:a:freebsd:freebsd:11.2:*:*:*:*:*:*:*:

cpe:2.3:a:freebsd:freebsd:12.0:*:*:*:*:*:*:*:

cpe:2.3:a:freebsd:freebsd:11.2:*:*:*:*:*:*:*:

cpe:2.3:a:freebsd:freebsd:12.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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