CVE-2019-5606

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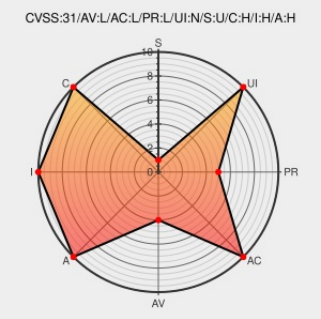

Certain versions of Freebsd from Freebsd contain the following vulnerability:

In FreeBSD 12.0-STABLE before r349805, 12.0-RELEASE before 12.0-RELEASE-p8, 11.3-STABLE before r349806, 11.3-RELEASE before 11.3-RELEASE-p1, and 11.2-RELEASE before 11.2-RELEASE-p12, code which handles close of a descriptor created by posix_openpt fails to undo a signal configuration. This causes an incorrect signal to be raised leading to a write after free of kernel memory allowing a malicious user to gain root privileges or escape a jail.

CVE-2019-5606 has been assigned by secteam@freebsd.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **FreeBSD** - **FreeBSD** version **FreeBSD before 12.0-RELEASE-p8**

Affected Vendor/Software: **FreeBSD** - **FreeBSD** version **before 11.3-RELEASE-p1**

Affected Vendor/Software: **FreeBSD** - **FreeBSD** version **and before 11.2-RELEASE-p12**

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.2 - HIGH

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

COMPLETE | COMPLETE | COMPLETE

CVE References

Description	Tags	Link
FreeBSD Security Advisory - FreeBSD-SA-19:13.pts ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/153748/FreeBSD-Security-Advisory-FreeBSD-SA-19-13.pts.html
August 2019 FreeBSD Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20190814-0003/
	Vendor Advisory security.FreeBSD.org text/plain	FREEBSD FreeBSD-SA-19:13

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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
Operating System	Freebsd	Freebsd	11.0	-	All	All
Operating System	Freebsd	Freebsd	11.2	-	All	All
Operating System	Freebsd	Freebsd	11.3	-	All	All
Operating System	Freebsd	Freebsd	12.0	-	All	All
Operating System	Freebsd	Freebsd	11.0	-	All	All
Operating System	Freebsd	Freebsd	11.2	-	All	All
Operating System	Freebsd	Freebsd	11.3	-	All	All
Operating System	Freebsd	Freebsd	12.0	-	All	All

cpe:2.3:o:freebsd:freebsd:11.0:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.2:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.3:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:12.0:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.0:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.2:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.3:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:12.0:-:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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