CVE-2020-7458

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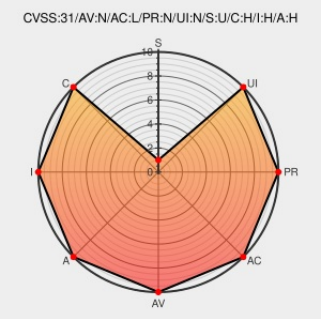

Certain versions of Freebsd from Freebsd contain the following vulnerability:

In FreeBSD 12.1-STABLE before r362281, 11.4-STABLE before r362281, and 11.4-RELEASE before p1, long values in the user-controlled PATH environment variable cause posix_spawnp to write beyond the end of the heap allocated stack possibly leading to arbitrary code execution.

CVE-2020-7458 has been assigned by secteam@freebsd.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
	Patch Vendor Advisory security.FreeBSD.org	MISC security.FreeBSD.org/advisories/FreeBSD-SA-20:18.posix_spawnp.asc

	text/plain	
July 2020 FreeBSD Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20200724-0002/

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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	11.4	-	All	All
Operating System	Freebsd	Freebsd	11.4	beta1	All	All
Operating System	Freebsd	Freebsd	12.1	-	All	All
Operating System	Freebsd	Freebsd	11.4	-	All	All
Operating System	Freebsd	Freebsd	11.4	beta1	All	All
Operating System	Freebsd	Freebsd	12.1	-	All	All

cpe:2.3:o:freebsd:freebsd:11.4:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.4:beta1:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:12.1:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.4:-:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:11.4:beta1:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:12.1:-:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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