



CVE-2019-15874

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2019-15874
State	PUBLIC
Assigner	secteam@freebsd.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-04-29 00:15:00 UTC
Updated	2022-04-26 17:29:00 UTC
Description	In FreeBSD 12.1-STABLE before r356035, 12.1-RELEASE before 12.1-RELEASE-p4, 11.3-STABLE before r356036, and 11.3-RELEASE before 11.3-RELEASE-p4, the <code>sysctl</code> command does not properly validate the <code>sysctl</code> argument, allowing an attacker to execute arbitrary code with root privileges.

Risk And Classification

Problem Types: CWE-20 | CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Freebsd	Freebsd	11.3	-	All	All
Operating System	Freebsd	Freebsd	11.3	p1	All	All
Operating System	Freebsd	Freebsd	11.3	p2	All	All
Operating System	Freebsd	Freebsd	11.3	p3	All	All
Operating System	Freebsd	Freebsd	11.3	p4	All	All
Operating System	Freebsd	Freebsd	11.3	p5	All	All
Operating System	Freebsd	Freebsd	11.3	p6	All	All
Operating System	Freebsd	Freebsd	11.3	p7	All	All
Operating System	Freebsd	Freebsd	12.1	-	All	All
Operating System	Freebsd	Freebsd	12.1	p1	All	All
Operating System	Freebsd	Freebsd	12.1	p2	All	All
Operating System	Freebsd	Freebsd	12.1	p3	All	All
Operating System	Freebsd	Freebsd	11.3	-	All	All
Operating System	Freebsd	Freebsd	11.3	p1	All	All
Operating System	Freebsd	Freebsd	11.3	p2	All	All
Operating System	Freebsd	Freebsd	11.3	p3	All	All
Operating System	Freebsd	Freebsd	11.3	p4	All	All

Operating System	Freebsd	Freebsd	11.3	p5	All	All
Operating System	Freebsd	Freebsd	11.3	p6	All	All
Operating System	Freebsd	Freebsd	11.3	p7	All	All
Operating System	Freebsd	Freebsd	12.1	-	All	All
Operating System	Freebsd	Freebsd	12.1	p1	All	All
Operating System	Freebsd	Freebsd	12.1	p2	All	All
Operating System	Freebsd	Freebsd	12.1	p3	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All

References			
Reference	Source	Link	Tags
May 2020 FreeBSD Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
security.FreeBSD.org/advisories/FreeBSD-SA-20:10.ipfw.asc	CONFIRM	security.FreeBSD.org	Patch, Vendor Advis
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.