



CVE-2019-5603

Published on: 07/25/2019 12:00:00 AM UTC

Last Modified on: 03/01/2023 04:21:00 PM UTC

CVE-2019-5603

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Freebsd](#) from [Freebsd](#) contain the following vulnerability:

In FreeBSD 12.0-STABLE before r350261, 12.0-RELEASE before 12.0-RELEASE-p8, 11.3-STABLE before r350263, 11.3-RELEASE before 11.3-RELEASE-p1, and 11.2-RELEASE before 11.2-RELEASE-p12, system calls operating on file descriptors as part of mqqueuefs did not properly release the reference allowing a malicious user to overflow

the counter allowing access to files, directories, and sockets opened by processes owned by other users.

CVE-2019-5603 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
Bugtraq: FreeBSD Security Advisory FreeBSD-SA-19:24.mqueueufs	seclists.org text/html	 BUGTRAQ 20190821 FreeBSD Security Advisory FreeBSD-SA-19:24.mqueueufs
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-19:15
	security.FreeBSD.org text/plain	 FREEBSD FreeBSD-SA-19:24
FreeBSD Security Advisory - FreeBSD-SA-19:24.mqueueufs ≈ Packet Storm	packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/154172/FreeBSD-Security-Advisory-FreeBSD-SA-19-24.mqueueufs.html
FreeBSD Security Advisory - FreeBSD-SA-19:15.mqueueufs ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/153752/FreeBSD-Security-Advisory-FreeBSD-SA-19-15.mqueueufs.html

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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	11.2	p10	All	All
Operating System	Freebsd	Freebsd	11.2	p11	All	All
Operating System	Freebsd	Freebsd	11.2	p2	All	All
Operating System	Freebsd	Freebsd	11.2	p3	All	All
Operating System	Freebsd	Freebsd	11.2	p4	All	All
Operating System	Freebsd	Freebsd	11.2	p5	All	All
Operating System	Freebsd	Freebsd	11.2	p6	All	All

Operating System	Freebsd	Freebsd	11.2	p7	All	All
Operating System	Freebsd	Freebsd	11.2	p8	All	All
Operating System	Freebsd	Freebsd	11.2	p9	All	All
Operating System	Freebsd	Freebsd	11.2	rc3	All	All
Operating System	Freebsd	Freebsd	11.3	-	All	All
Operating System	Freebsd	Freebsd	12.0	-	All	All
Operating System	Freebsd	Freebsd	12.0	p1	All	All
Operating System	Freebsd	Freebsd	12.0	p2	All	All
Operating System	Freebsd	Freebsd	12.0	p3	All	All
Operating System	Freebsd	Freebsd	12.0	p4	All	All
Operating System	Freebsd	Freebsd	12.0	p5	All	All
Operating System	Freebsd	Freebsd	12.0	p6	All	All
Operating System	Freebsd	Freebsd	12.0	p7	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:11.2:p10:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:11.2:p11:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:11.2:p2:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:11.2:p3:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:11.2:p4:*:*:*:*:						

cpe:2.3:o:freebsd:freebsd:11.2:p5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:p6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:p7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:p8:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:p9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:rc3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:12.0:p7:~::~~::~~::~~::~~::~~::
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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