



CVE-2019-5602

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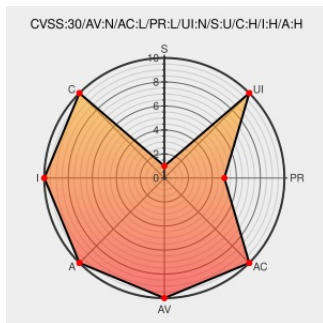
CVE-2019-5602

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

In FreeBSD 12.0-STABLE before r349628, 12.0-RELEASE before 12.0-RELEASE-p7, 11.3-PRERELEASE before r349629, 11.3-RC3 before 11.3-RC3-p1, and 11.2-RELEASE before 11.2-RELEASE-p11, a bug in the cdrom driver allows users with read access to the cdrom device to arbitrarily overwrite kernel memory when media is present thereby allowing a malicious user in the operator group to gain root privileges.

CVE-2019-5602 has been assigned by secteam@freebsd.org to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **FreeBSD - FreeBSD version FreeBSD 12.0 before 12.0-RELEASE-p7 and 11.2 before 11.2-RELEASE-p11**

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
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Description	Tags	Link
FreeBSD Security Advisory - FreeBSD-SA-19:11.cd_ioctl ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/153522/FreeBSD-Security-Advisory-FreeBSD-SA-19-11.cd_ioctl.html

	Vendor Advisory security.FreeBSD.org text/plain	 FREEBSD FreeBSD-SA-19:11
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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	11.2	-	All	All
Operating System	Freebsd	Freebsd	11.2	p10	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	p9	All	All
Operating System	Freebsd	Freebsd	11.2	rc3	All	All
Operating System	Freebsd	Freebsd	11.3	rc3	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	Freebsd	Freebsd	12.0	p3	All	All

System						
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	11.2	-	All	All
Operating System	Freebsd	Freebsd	11.2	p10	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	p9	All	All
Operating System	Freebsd	Freebsd	11.2	rc3	All	All
Operating System	Freebsd	Freebsd	11.3	rc3	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
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: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:p9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:rc3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.3:rc3:~::~~::~~::~~::~~::~~::
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:11.2:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:p10:~::~~::~~::~~::~~::~~::
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:p9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.2:rc3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:freebsd:freebsd:11.3:rc3:~::~~::~~::~~::~~::~~::
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:*****:

No vendor comments have been submitted for this CVE

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