

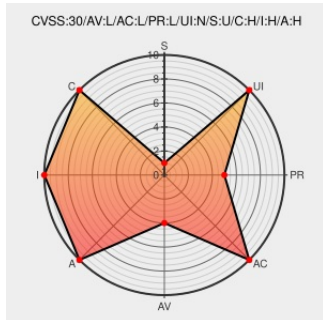


CVE-2019-10142

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CVE-2019-10142

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

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

A flaw was found in the Linux kernel's freescale hypervisor manager implementation, kernel versions 5.0.x up to, excluding 5.0.17. A parameter passed to an ioctl was incorrectly validated and used in size calculations for the page size calculation. An attacker can use this flaw to crash the system, corrupt memory, or create other adverse security

affects.

CVE-2019-10142 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **RedHat** - kernel version = 5.0.x up to, excluding 5.0.17

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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
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1711194 – (CVE-2019-10142) CVE-2019-10142 kernel: integer overflow in ioctl handling of fsl hypervisor

[Issue Tracking](#)

[Third Party Advisory](#)

[bugzilla.redhat.com](#)

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 **CONFIRM**

bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-10142

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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	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:*****:						
cpe:2.3:o:linux:linux_kernel:*****:						

No vendor comments have been submitted for this CVE

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