CVE-2019-14898

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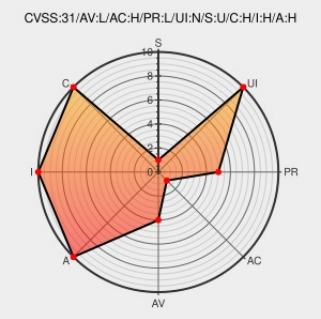
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

The fix for CVE-2019-11599, affecting the Linux kernel before 5.0.10 was not complete. A local user could use this flaw to obtain sensitive information, cause a denial of service, or possibly have other unspecified impacts by triggering a race condition with mmget_not_zero or get_task_mm calls.

CVE-2019-14898 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Linux kernel** - **kernel** version **= < 5.0.10**

CVSS3 Score: 7 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Red Hat Customer Portal	access.redhat.com	MISC access.redhat.com/errata/RHSA-

	text/html	2020:0339
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2020:0374
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2020:0375
	Mailing List Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.0.10
1774671 – (CVE-2019-14898) CVE-2019-14898 kernel: incomplete fix for race condition between mmget_not_zero()/get_task_mm() and core dumping in CVE-2019-11599	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-14898
	Mailing List Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.14.114
1790 - project-zero - Project Zero - Monorail	Exploit Mailing List Patch Third Party Advisory bugs.chromium.org text/html	MISC bugs.chromium.org/p/project-zero/issues/detail?id=1790
May 2020 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20200608-0001/
	Mailing List Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.19.37
1774671 – (CVE-2019-14898) CVE-2019-14898 kernel: incomplete fix for race condition between mmget_not_zero()/get_task_mm() and core dumping in CVE-2019-11599	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1774671
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2019-14898
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2020:0328
Oracle Critical Patch Update Advisory - April 2021	www.oracle.com text/html	MISC www.oracle.com/security-alerts/cpuApr2021.html

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	5.0.10	All	All	All
Operating System	Linux	Linux Kernel	5.0.10	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All
Operating System	Redhat	Enterprise Mrg	2.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All

cpe:2.3:o:linux:linux_kernel:5.0.10:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.0.10:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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