CVE-2014-3180

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CVE-2014-3180

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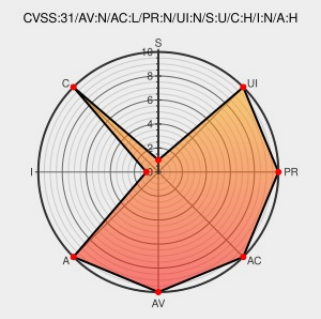

Certain versions of Chrome Os from Google contain the following vulnerability:

** DISPUTED ** In kernel/compat.c in the Linux kernel before 3.17, as used in Google Chrome OS and other products, there is a possible out-of-bounds read. restart_syscall uses uninitialized data when restarting compat_sys_nanosleep. NOTE: this is disputed because the code path is unreachable.

CVE-2014-3180 has been assigned by security@google.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Linux** - **kernel** version **before 3.17**

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	PARTIAL

CVE References

Description	Tags	Link
LKML: Thomas Gleixner: [GIT pull] timer updates for 3.17	Patch	MISC lkml.org/lkml/2014/9/7/29

	Third Party Advisory lkml.org text/xml	
Issue 408827 - chromium - restart_syscall uses uninitialized data when restarting compat_sys_nanosleep - Monorail	Third Party Advisory bugs.chromium.org text/html	MISC bugs.chromium.org/p/chromium/issues/detail?id=408827

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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	Google	Chrome Os	-	All	All	All
Operating System	Google	Chrome Os	-	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:google:chrome_os:-:*:*:*:*:*:*:*:

cpe:2.3:o:google:chrome_os:-:*:*:*:*:*:*:*:

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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