CVE-2017-15116

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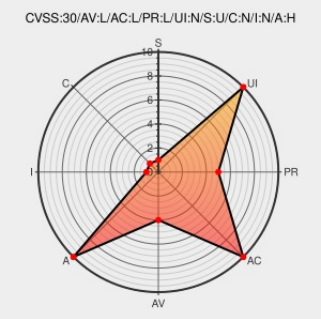
CVE-2017-15116

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



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

The rngapi_reset function in crypto/rng.c in the Linux kernel before 4.2 allows attackers to cause a denial of service (NULL pointer dereference).

CVE-2017-15116 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 4.9 - MEDIUM

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

CVE References

Description	Tags	Link
crypto: rng - Remove old low-level rng interface · torvalds/linux@94f1bb1 · GitHub	Patch, Vendor Advisory, github.com, text/html	MISC github.com/torvalds/linux/commit/94f1bb15bed84ad6c893916b7e7b9db6f1d7eec6

Bug Access Denied	Issue Tracking Permissions Required bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1485815
CVE-2017-15116 - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2017-15116
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2018:0676
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	MISC git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=94f1bb15bed84ad6c893916b7e7b9db6f1d7eec6
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2018:1062
1514609 – (CVE-2017-15116) CVE-2017-15116 kernel: Null pointer dereference in rngapi_reset function	Issue Tracking bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1514609

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
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All

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

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

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report