

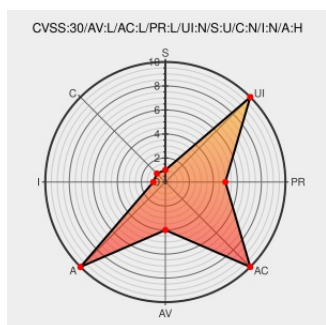


CVE-2017-15116

Published on: 11/30/2017 12:00:00 AM UTC

Last Modified on: 02/12/2023 11:28:00 PM UTC

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/cgiit/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

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](#).

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

© [CVE.report](#) 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)