



Bug 1408385 (CVE-2016-9594) - CVE-2016-9594 curl: Uninitialized random

Keywords: Security

Status: CLOSED NOTABUG

Alias: CVE-2016-9594

Product: Security Response

Component: vulnerability

Version: unspecified

Hardware: All

OS: Linux

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Red Hat Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On:

Blocks:

TreeView+ [depends on](#) / [blocked](#)

Reported: 2016-12-23 08:33 UTC by Andrej Nemeec

Modified: 2021-02-17 02:50 UTC ([History](#))

CC List: 30 users ([show](#))

Fixed In Version: curl 7.52.1

Clone Of:

Environment:

Last Closed: 2016-12-23 08:34:22 UTC

Embargoed:

Attachments ([Terms of Use](#))

Andrej Nemeec 2016-12-23 08:33:06 UTC

[Description](#)

libcurl's (new) internal function that returns a good 32bit random value was implemented poorly and overwrote the pointer instead of writing the value into the buffer the pointer pointed to.

This random value is used to generate nonces for Digest and NTLM authentication, for generating boundary strings in HTTP formposts and more. Having a weak or virtually non-existent random there makes these operations vulnerable.

This function is brand new in 7.52.0

External References:

https://curl.haxx.se/docs/adv_20161223.html

Upstream patch:

<https://curl.haxx.se/CVE-2016-9594.patch>

Andrej Nemeec 2016-12-23 08:33:34 UTC

[Comment 1](#)

Acknowledgments:

Name: Kamil Dudka (Red Hat)

Andrej Nemeec 2016-12-23 08:34:22 UTC

[Comment 2](#)

Vulnerable version is not shipped anywhere across our products.

Note

You need to [log in](#) before you can comment on or make changes to this bug.

