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1. [Ubuntu Security Notices](#)
2. USN-3805-1

USN-3805-1: curl vulnerabilities

Publication date

31 October 2018

Overview

Several security issues were fixed in curl.

Releases

[18.10](#) [18.04 LTS](#) [16.04 LTS](#) [14.04 LTS](#)

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crash, resulting in a denial of service, or possibly execute arbitrary code. ([CVE-2018-16839](#))

Brian Carpenter discovered that curl incorrectly handled memory when closing certain handles. A remote attacker could use this issue to cause curl to crash, resulting in a denial of service, or possibly execute arbitrary code. ([CVE-2018-16840](#))

Brian Carpenter discovered that the curl command-line tool incorrectly handled error messages. A remote attacker could possibly use this issue to obtain sensitive information. ([CVE-2018-16842](#))

Update instructions

In general, a standard system update will make all the necessary changes.

[Learn more about how to get the fixes.](#)

The problem can be corrected by updating your system to the following package versions:

| Ubuntu Release | Package Version |
|---------------------|--|
| | curl < https://launchpad.net/ubuntu/+source/curl > – 7.61.0-1ubuntu2.2 < https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2 > |
| | libcurl3-gnutls < https://launchpad.net/ubuntu/+source/curl > – 7.61.0-1ubuntu2.2 < https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2 > |
| 18.10 cosmic | libcurl3-nss < https://launchpad.net/ubuntu/+source/curl > – |

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| Ubuntu Release | Package Version |
|------------------|---|
| | curl <https://launchpad.net/ubuntu/+source/curl> – 7.58.0-2ubuntu3.5 <https://launchpad.net/ubuntu/+source/curl/7.58.0-2ubuntu3.5> |
| | libcurl3-gnutls -<https://launchpad.net/ubuntu/+source/curl> – 7.58.0-2ubuntu3.5 <https://launchpad.net/ubuntu/+source/curl/7.58.0-2ubuntu3.5> |
| 18.04 LTS bionic | libcurl3-nss -<https://launchpad.net/ubuntu/+source/curl> – 7.58.0-2ubuntu3.5 <https://launchpad.net/ubuntu/+source/curl/7.58.0-2ubuntu3.5> |
| | libcurl4 -<https://launchpad.net/ubuntu/+source/curl> – 7.58.0-2ubuntu3.5 <https://launchpad.net/ubuntu/+source/curl/7.58.0-2ubuntu3.5> |
| | curl <https://launchpad.net/ubuntu/+source/curl> – 7.47.0-1ubuntu2.11 <https://launchpad.net/ubuntu/+source/curl/7.47.0-1ubuntu2.11> |
| | libcurl3 -<https://launchpad.net/ubuntu/+source/curl> – 7.47.0-1ubuntu2.11 <https://launchpad.net/ubuntu/+source/curl/7.47.0-1ubuntu2.11> |
| 16.04 LTS xenial | libcurl3-gnutls |

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| Ubuntu Release | Package Version |
|------------------|---|
| | curl <https://launchpad.net/ubuntu/+source/curl> – 7.35.0-1ubuntu2.19 <https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19> |
| | libcurl3 <https://launchpad.net/ubuntu/+source/curl> – 7.35.0-1ubuntu2.19 <https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19> |
| 14.04 LTS trusty | libcurl3-gnutls <https://launchpad.net/ubuntu/+source/curl> – 7.35.0-1ubuntu2.19 <https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19> |
| | libcurl3-nss <https://launchpad.net/ubuntu/+source/curl> – 7.35.0-1ubuntu2.19 <https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19> |

Reduce your security exposure

Ubuntu Pro provides ten-year security coverage to 25,000+ packages in Main and Universe repositories, and it is free for up to five machines.

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References

- [CVE-2018-16842](#)

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