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

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## 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  |
|---------------------|--|
|                     | <a href="https://launchpad.net/ubuntu/+source/curl">curl</a> < <a href="https://launchpad.net/ubuntu/+source/curl">https://launchpad.net/ubuntu/+source/curl</a> ><br>– <a href="#">7.61.0-1ubuntu2.2</a><br>< <a href="https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2">https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2</a> > |
|                     | <a href="#">libcurl3-gnutls</a><br>< <a href="https://launchpad.net/ubuntu/+source/curl">https://launchpad.net/ubuntu/+source/curl</a> > –<br><a href="#">7.61.0-1ubuntu2.2</a><br>< <a href="https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2">https://launchpad.net/ubuntu/+source/curl/7.61.0-1ubuntu2.2</a> >                           |
| <b>18.10 cosmic</b> | <a href="#">libcurl3-nss</a><br>< <a href="https://launchpad.net/ubuntu/+source/curl">https://launchpad.net/ubuntu/+source/curl</a> > –  |

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

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| Ubuntu Release   | Package Version   |
|------------------|---|
|                  | <a href="https://launchpad.net/ubuntu/+source/curl">curl &lt;https://launchpad.net/ubuntu/+source/curl&gt;</a><br>– <a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">7.35.0-1ubuntu2.19</a><br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">&lt;https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19&gt;</a>  |
|                  | <a href="https://launchpad.net/ubuntu/+source/libcurl3">libcurl3</a><br><a href="https://launchpad.net/ubuntu/+source/curl">&lt;https://launchpad.net/ubuntu/+source/curl&gt;</a> –<br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">7.35.0-1ubuntu2.19</a><br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">&lt;https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19&gt;</a>               |
| 14.04 LTS trusty | <a href="https://launchpad.net/ubuntu/+source/libcurl3-gnutls">libcurl3-gnutls</a><br><a href="https://launchpad.net/ubuntu/+source/curl">&lt;https://launchpad.net/ubuntu/+source/curl&gt;</a> –<br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">7.35.0-1ubuntu2.19</a><br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">&lt;https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19&gt;</a> |
|                  | <a href="https://launchpad.net/ubuntu/+source/libcurl3-nss">libcurl3-nss</a><br><a href="https://launchpad.net/ubuntu/+source/curl">&lt;https://launchpad.net/ubuntu/+source/curl&gt;</a> –<br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">7.35.0-1ubuntu2.19</a><br><a href="https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19">&lt;https://launchpad.net/ubuntu/+source/curl/7.35.0-1ubuntu2.19&gt;</a>       |

## 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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