



# CVE-2013-4076

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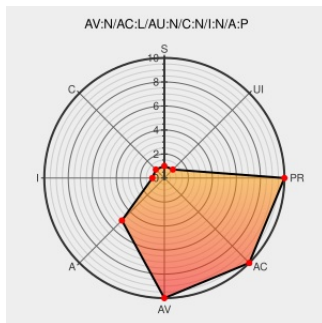
## CVE-2013-4076

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

Buffer overflow in the dissect\_iphc\_crtp\_fh function in epan/dissectors/packet-ppp.c in the PPP dissector in Wireshark 1.8.x before 1.8.8 allows remote attackers to cause a denial of service (application crash) via a crafted packet.

CVE-2013-4076 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access  
Vector

Access  
Complexity

Authentication

**NETWORK**

**LOW**

**NONE**

Confidentiality  
Impact

Integrity  
Impact

Availability  
Impact

**NONE**

**NONE**

**PARTIAL**

## CVE References

Description

Tags

Link

Security Advisory SA53762 - Wireshark  
Multiple Vulnerabilities - Secunia

[web.archive.org](#)  
[text/html](#)

[SECUNIA 53762](#)

Wireshark · wnpa-sec-2013-34 · PPP  
dissector crash

[Vendor Advisory](#)  
[www.wireshark.org](#)  
[text/html](#)

[CONFIRM www.wireshark.org/security/wnpa-sec-2013-34.html](#)

code.wireshark Code Review -  
wireshark.git/tree

[anonsvn.wireshark.org](#)  
[text/xml](#)

[CONFIRM](#)  
[anonsvn.wireshark.org/viewvc/trunk/epan/dissectors/packet-ppp.c?r1=46128&r2=46127&pathrev=46128](#)

openSUSE-SU-2013:1086-1: moderate:  
wireshark

[lists.opensuse.org](#)  
[text/html](#)

[SUSE openSUSE-SU-2013:1086](#)

Security Advisory SA54425 - Gentoo update  
for wireshark - Secunia

[web.archive.org](#)  
[text/html](#)

[SECUNIA 54425](#)

|                                                                      |                                                                                                                             |                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| openSUSE-SU-2013:1084-1: moderate:<br>update for wireshark           | <a href="https://lists.opensuse.org">lists.opensuse.org</a><br><a href="#">text/html</a>                                    |  SUSE openSUSE-SU-2013:1084                                                                                                                                 |
| Repository / Oval Repository                                         | <a href="https://oval.cisecurity.org">oval.cisecurity.org</a><br><a href="#">text/html</a>                                  |  OVAL oval.org.mitre.oval:def:16676                                                                                                                        |
| code.wireshark Code Review -<br>wireshark.git/tree                   | <a href="https://anonsvn.wireshark.org">anonsvn.wireshark.org</a><br><a href="#">text/xml</a>                               |  CONFIRM <a href="https://anonsvn.wireshark.org/viewvc?view=revision&amp;revision=46128">anonsvn.wireshark.org/viewvc?view=revision&amp;revision=46128</a> |
| Gentoo Linux Documentation -- Wireshark:<br>Multiple vulnerabilities | <a href="https://www.gentoo.org">www.gentoo.org</a><br><a href="#">text/html</a>                                            |  GENTOO GLSA-201308-05                                                                                                                                     |
| 7880 – Buildbot crash output: fuzz-2012-10-19-28735.pcap             | <a href="#">Vendor Advisory</a><br><a href="https://bugs.wireshark.org">bugs.wireshark.org</a><br><a href="#">text/html</a> |  CONFIRM <a href="https://bugs.wireshark.org/bugzilla/show_bug.cgi?id=7880">bugs.wireshark.org/bugzilla/show_bug.cgi?id=7880</a>                           |
| Wireshark · Wireshark 1.8.8 Release Notes                            | <a href="#">Vendor Advisory</a><br><a href="https://www.wireshark.org">www.wireshark.org</a><br><a href="#">text/html</a>   |  CONFIRM <a href="https://www.wireshark.org/docs/relnotes/wireshark-1.8.8.html">www.wireshark.org/docs/relnotes/wireshark-1.8.8.html</a>                   |
| 8727 – tvbuff.c crash                                                | <a href="#">Vendor Advisory</a><br><a href="https://bugs.wireshark.org">bugs.wireshark.org</a><br><a href="#">text/html</a> |  CONFIRM <a href="https://bugs.wireshark.org/bugzilla/show_bug.cgi?id=8727">bugs.wireshark.org/bugzilla/show_bug.cgi?id=8727</a>                           |
| Debian -- Security Information -- DSA-2709-1<br>wireshark            | <a href="https://www.debian.org">www.debian.org</a><br><a href="#">Deprecated Link</a><br><a href="#">text/html</a>         |  DEBIAN DSA-2709                                                                                                                                           |

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](mailto: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 | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 11.4    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 12.2    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 12.3    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 11.4    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 12.2    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>  | <a href="#">Opensuse</a>     | 12.3    | All    | All     | All      |
| Application      | <a href="#">Wireshark</a> | <a href="#">Wireshark</a>    | 1.8.0   | All    | All     | All      |

|                                                |           |           |       |     |     |     |
|------------------------------------------------|-----------|-----------|-------|-----|-----|-----|
| Application                                    | Wireshark | Wireshark | 1.8.1 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.2 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.3 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.4 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.5 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.6 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.7 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.0 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.1 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.2 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.3 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.4 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.5 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.6 | All | All | All |
| Application                                    | Wireshark | Wireshark | 1.8.7 | All | All | All |
| cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:   |           |           |       |     |     |     |
| cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:   |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:11.4:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:12.2:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:12.3:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:11.4:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:12.2:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:o:opensuse:opensuse:12.3:*:*:*:*:*:    |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.0:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.1:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.2:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.3:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.4:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.5:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.6:*:*:*:*:*: |           |           |       |     |     |     |
| cpe:2.3:a:wireshark:wireshark:1.8.7:*:*:*:*:*: |           |           |       |     |     |     |

|                                                     |                           |
|-----------------------------------------------------|---------------------------|
| cpe:2.3:a:wireshark:wireshark:1.8.0:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.1:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.2:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.3:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.4:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.5:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.6:*****:          |                           |
| cpe:2.3:a:wireshark:wireshark:1.8.7:*****:          |                           |
| No vendor comments have been submitted for this CVE |                           |
| <a href="#">← Previous ID</a>                       | <a href="#">Next ID →</a> |