



CVE-2013-1578

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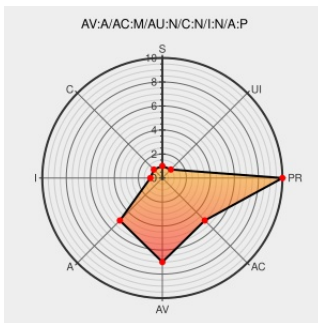
CVE-2013-1578

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)



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

The `dissect_pw_eth_heuristic` function in `epan/dissectors/packet-pw-eth.c` in Wireshark 1.6.x before 1.6.13 and 1.8.x before 1.8.5 does not properly handle apparent Ethernet address values at the beginning of MPLS data, which allows remote attackers to cause a denial of service (loop) via a malformed packet.

CVE-2013-1578 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **2.9 - LOW**

Access
Vector

Access
Complexity

Authentication

ADJACENT_NETWORK

MEDIUM

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

NONE

NONE

PARTIAL

CVE References

Description

Tags

Link

8043 – Ethernet/VLAN/MPLS/IPv4/ICMP:
very very large loop

bugs.wireshark.org
[text/html](#)

CONFIRM bugs.wireshark.org/bugzilla/show_bug.cgi?id=8043

code.wireshark Code Review -
wireshark.git/tree

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

CONFIRM [anonsvn.wireshark.org/viewvc?
view=revision&revision=46420](https://anonsvn.wireshark.org/viewvc?view=revision&revision=46420)

openSUSE-SU-2013:0276-1: moderate:
wireshark: update to 1.8.5

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

SUSE openSUSE-SU-2013:0276

Wireshark · wnpa-sec-2013-01

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

CONFIRM www.wireshark.org/security/wnpa-sec-2013-01.html

openSUSE-SU-2013:0285-1: moderate:
wireshark: update to 1.8.5

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

SUSE openSUSE-SU-2013:0285

code.wireshark Code Review -
wireshark.git/tree

[anonsvn.wireshark.org](https://anonsvn.wireshark.org/text/xml)
text/xml

 CONFIRM
anonsvn.wireshark.org/viewvc/trunk/epan/dissectors/packet-pw-eth.c?r1=46420&r2=46419&pathrev=46420

Repository / Oval Repository

[oval.cisecurity.org](https://oval.cisecurity.org/text/html)
text/html

 OVAL oval.org/mitre.oval:def:16205

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wireshark	Wireshark	1.6.0	All	All	All
Application	Wireshark	Wireshark	1.6.1	All	All	All
Application	Wireshark	Wireshark	1.6.10	All	All	All
Application	Wireshark	Wireshark	1.6.11	All	All	All
Application	Wireshark	Wireshark	1.6.12	All	All	All
Application	Wireshark	Wireshark	1.6.2	All	All	All
Application	Wireshark	Wireshark	1.6.3	All	All	All
Application	Wireshark	Wireshark	1.6.4	All	All	All
Application	Wireshark	Wireshark	1.6.5	All	All	All
Application	Wireshark	Wireshark	1.6.6	All	All	All
Application	Wireshark	Wireshark	1.6.7	All	All	All
Application	Wireshark	Wireshark	1.6.8	All	All	All
Application	Wireshark	Wireshark	1.6.9	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	1.6.0	All	All	All
Application	Wireshark	Wireshark	1.6.1	All	All	All
Application	Wireshark	Wireshark	1.6.10	All	All	All
Application	Wireshark	Wireshark	1.6.11	All	All	All
Application	Wireshark	Wireshark	1.6.12	All	All	All
Application	Wireshark	Wireshark	1.6.2	All	All	All

Application	Wireshark	Wireshark	1.6.3	All	All	All
Application	Wireshark	Wireshark	1.6.4	All	All	All
Application	Wireshark	Wireshark	1.6.5	All	All	All
Application	Wireshark	Wireshark	1.6.6	All	All	All
Application	Wireshark	Wireshark	1.6.7	All	All	All
Application	Wireshark	Wireshark	1.6.8	All	All	All
Application	Wireshark	Wireshark	1.6.9	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
cpe:2.3:a:wireshark:wireshark:1.6.0:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.1:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.10:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.11:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.12:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.2:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.3:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.4:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.5:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.6:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.7:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.8:*****:						
cpe:2.3:a:wireshark:wireshark:1.6.9:*****:						
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:1.6.0:*****:						

cpe:2.3:a:wireshark:wireshark:1.6.1:*****:
cpe:2.3:a:wireshark:wireshark:1.6.10:*****:
cpe:2.3:a:wireshark:wireshark:1.6.11:*****:
cpe:2.3:a:wireshark:wireshark:1.6.12:*****:
cpe:2.3:a:wireshark:wireshark:1.6.2:*****:
cpe:2.3:a:wireshark:wireshark:1.6.3:*****:
cpe:2.3:a:wireshark:wireshark:1.6.4:*****:
cpe:2.3:a:wireshark:wireshark:1.6.5:*****:
cpe:2.3:a:wireshark:wireshark:1.6.6:*****:
cpe:2.3:a:wireshark:wireshark:1.6.7:*****:
cpe:2.3:a:wireshark:wireshark:1.6.8:*****:
cpe:2.3:a:wireshark:wireshark:1.6.9:*****:
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:*****:

No vendor comments have been submitted for this CVE

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