



# CVE-2013-1634

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## CVE-2013-1634

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [82574L Controller](#) from [Intel](#) contain the following vulnerability:

A denial of service vulnerability exists in some motherboard implementations of Intel e1000e/82574L network controller devices through 2013-02-06 where the device can be brought into a non-processing state when parsing 32 hex, 33 hex, or 34 hex byte values at the 0x47f offset. NOTE: A followup statement from Intel suggests that the root cause of this issue was an incorrectly configured EEPROM image.

CVE-2013-1634 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.8 - HIGH**

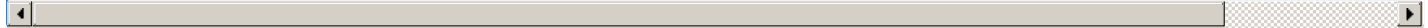
| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>COMPLETE</b>     |

## CVE References

| Description                      | Tags                                                                 | Link                                                                             |
|----------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------|
| oss-security - Re: e1000e/82574L | <a href="#">Mailing List</a><br><a href="#">Third Party Advisory</a> | <a href="#">MLIST [oss-security] 20130212 Re: e1000e/82574L hardware erratum</a> |

|                                                                                                          |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hardware erratum                                                                                         | <a href="http://www.openwall.com/text/html">www.openwall.com</a><br><a href="#">text/html</a>                                                                                              |                                                                                                                                                                                                                                                                                     |
| oss-security - Re: Re: e1000e/82574L hardware erratum                                                    | <a href="#">Mailing List</a><br><a href="#">Third Party Advisory</a><br><a href="http://www.openwall.com/text/html">www.openwall.com</a><br><a href="#">text/html</a>                      | <a href="#">MLIST [oss-security] 20130212 Re: Re: e1000e/82574L hardware erratum</a>                                                                                                                                                                                                |
| IBM X-Force Exchange                                                                                     | <a href="#">Third Party Advisory</a><br><a href="#">VDB Entry</a><br><a href="http://exchange.xforce.ibmcloud.com/text/html">exchange.xforce.ibmcloud.com</a><br><a href="#">text/html</a> | <a href="#">XF 85069</a>                                                                                                                                                                                                                                                            |
| Not Just AstLinux Stuff: Packets of Death                                                                | <a href="#">Technical Description</a><br><a href="#">Third Party Advisory</a><br><a href="http://blog.krisk.org/text/html">blog.krisk.org</a><br><a href="#">text/html</a>                 | <a href="http://misc.blog.krisk.org/2013/02/packets-of-death.html">MISC blog.krisk.org/2013/02/packets-of-death.html</a>                                                                                                                                                            |
| Intel 82574L Ethernet Controller Packet Processing Flaw Lets Remote Users Deny Service - SecurityTracker | <a href="#">Third Party Advisory</a><br><a href="#">VDB Entry</a><br><a href="http://www.securitytracker.com/text/html">www.securitytracker.com</a><br><a href="#">text/html</a>           | <a href="#">SECTrack 1028089</a>                                                                                                                                                                                                                                                    |
| <b>No Description Provided</b>                                                                           | <a href="#">Vendor Advisory</a><br><a href="http://web.archive.org/text/html">web.archive.org</a><br><a href="#">text/html</a>                                                             | <a href="http://web.archive.org/web/20131205055429/communities.intel.com/community/wired/blog/82574l-gigabit-ethernet-controller-statement">MISC<br/>web.archive.org/web/20131205055429/communities.intel.com/community/wired/blog/82574l-gigabit-ethernet-controller-statement</a> |

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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 |
| Hardware                                              | Intel  | <a href="#">82574L Controller</a>          | -       | All    | All     | All      |
| Hardware                                              | Intel  | <a href="#">82574L Controller</a>          | -       | All    | All     | All      |
| Operating System                                      | Intel  | <a href="#">82574L Controller Firmware</a> | All     | All    | All     | All      |
| cpe:2.3:h:intel:82574l_controller:-:*:*:*:*:*:        |        |                                            |         |        |         |          |
| cpe:2.3:h:intel:82574l_controller:-:*:*:*:*:*:        |        |                                            |         |        |         |          |
| cpe:2.3:o:intel:82574l_controller_firmware:*:*:*:*:*: |        |                                            |         |        |         |          |

No vendor comments have been submitted for this CVE

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