



# CVE-2004-0596

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## CVE-2004-0596

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The Equalizer Load-balancer for serial network interfaces (eql.c) in Linux kernel 2.6.x up to 2.6.7 allows local users to cause a denial of service via a non-existent device name that triggers a null dereference.

CVE-2004-0596 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **2.1 - LOW**

**Access Vector**

**LOCAL**

**Access Complexity**

**LOW**

**Authentication**

**NONE**

**Confidentiality Impact**

**NONE**

**Integrity Impact**

**NONE**

**Availability Impact**

**PARTIAL**

## CVE References

**Description**

**Tags**

**Link**

Linux Kernel Equalizer Load Balancer Device Driver Local Denial Of Service Vulnerability

[Patch](#)  
[Vendor Advisory](#)  
[cve.report \(archive\)](#)  
[text/html](#)

[🌐 BID 10730](#)

IBM X-Force Exchange

[exchange.xforce.ibmcloud.com](#)  
[text/html](#)

[🔗 XF linux-eql-dos\(16694\)](#)

**No Description Provided**

[linux.bkbits.net](#)

[🌐 CONFIRM linux.bkbits.net:8080/linux-2.6/cset@40d4aa72hPLWy-jMLr0eJAXMxHcNZg](#)

**Inactive Link** **Not Archived**

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|                                                      |        |              |         |        |         |          |
|------------------------------------------------------|--------|--------------|---------|--------|---------|----------|
| 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                                     | Linux  | Linux Kernel | 2.6.0   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test1  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test10 | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test11 | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test2  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test3  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test4  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test5  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test6  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test7  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test8  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.0   | test9  | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.1   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.1   | rc1    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.1   | rc2    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.2   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.3   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.4   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.5   | All    | All     | All      |
| Operating System                                     | Linux  | Linux Kernel | 2.6.6   | All    | All     | All      |

| System           |       |              |               |        |     |     |
|------------------|-------|--------------|---------------|--------|-----|-----|
| Operating System | Linux | Linux Kernel | 2.6.6         | rc1    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.7         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6_test9_cvs | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test1  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test10 | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test11 | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test2  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test3  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test4  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test5  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test6  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test7  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test8  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.0         | test9  | All | All |
| Operating System | Linux | Linux Kernel | 2.6.1         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.1         | rc1    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.1         | rc2    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.2         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.3         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.4         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.5         | All    | All | All |
| Operating System | Linux | Linux Kernel | 2.6.6         | All    | All | All |

|                  |                                                        |              |               |     |     |     |
|------------------|--------------------------------------------------------|--------------|---------------|-----|-----|-----|
| System           |                                                        |              |               |     |     |     |
| Operating System | Linux                                                  | Linux Kernel | 2.6.6         | rc1 | All | All |
| Operating System | Linux                                                  | Linux Kernel | 2.6.7         | All | All | All |
| Operating System | Linux                                                  | Linux Kernel | 2.6_test9_cvs | All | All | All |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test1:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test10:****.*.*.*:  |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test11:****.*.*.*:  |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test2:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test3:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test4:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test5:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test6:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test7:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test8:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:test9:****.*.*.*:   |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.1:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.1:rc1:****.*.*.*:     |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.1:rc2:****.*.*.*:     |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.2:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.3:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.4:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.5:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.6:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.6:rc1:****.*.*.*:     |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.7:****.*.*.*:         |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6_test9_cvs:****.*.*.*: |              |               |     |     |     |
|                  | cpe:2.3:o:linux:linux_kernel:2.6.0:****.*.*.*:         |              |               |     |     |     |

```
cpe:2.3:o:linux:linux_kernel:2.6.0:test1:::*.*.*.*.*.*
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test10:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test11:::.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test2:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test3:::*:*:*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.0:test4:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test5:::~::~:
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test6:::~::~
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test7:::*:*:*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.0:test8:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.0:test9:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.1:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.1:rc1:::*.*.*.*.*.*.*.*.*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.1:rc2:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.2:*:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.3:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.4:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.5:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.6:*:*:*:*:*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.6:rc1:::*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.7:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6 test9 cvs:.*:.*:.*:.*:.*:.*
```

No vendor comments have been submitted for this CVE

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