



# CVE-2004-1379

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## CVE-2004-1379

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

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

Heap-based buffer overflow in the DVD subpicture decoder in xine xine-lib 1-rc5 and earlier allows remote attackers to execute arbitrary code via a (1) DVD or (2) MPEG subpicture header where the second field reuses RLE data from the end of the first field.

CVE-2004-1379 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.5 - HIGH**

Access  
Vector

**NETWORK**

Access  
Complexity

**LOW**

Authentication

**NONE**

Confidentiality  
Impact

**PARTIAL**

Integrity  
Impact

**PARTIAL**

Availability  
Impact

**PARTIAL**

## CVE References

Description

Tags

Link

SecurityFocus

[www.securityfocus.com](http://www.securityfocus.com)  
[text/html](#)

[BUGTRAQ 20040906 XSA-2004-5: heap overflow in DVD subpicture decoder](#)

Debian -- Security Information -- DSA-657-1  
xine-lib

[Patch](#)  
[Vendor Advisory](#)  
[www.debian.org](http://www.debian.org)  
[Deprecated Link](#)  
[text/html](#)

[DEBIAN DSA-657](#)

Gentoo Linux Documentation -- xine-lib:  
Multiple vulnerabilities

[Patch](#)  
[www.gentoo.org](http://www.gentoo.org)  
[text/html](#)

[GENTOO GLSA-200409-30](#)

IBM X-Force Exchange

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

[XF xine-dvd-subpicture-bo\(17423\)](#)

VuXML: libxine -- DVD subpicture decoder

[www.vuxml.org](http://www.vuxml.org)

[CONFIRM www.vuxml.org/freebsd/131bd7c4-64a3-](http://CONFIRM www.vuxml.org/freebsd/131bd7c4-64a3-)

|                                                             |                                                                                                                   |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| heap overflow                                               | <a href="#">text/html</a>                                                                                         | <a href="#">11d9-829a-000a95bc6fae.html</a>                     |
| xine - A Free Video Player - Home                           | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">xinehq.de</a><br><a href="#">text/xml</a> | <a href="#">CONFIRM xinehq.de/index.php/security/XSA-2004-5</a> |
| The Slackware Linux Project: Slackware Security Advisories  | <a href="#">Patch</a><br><a href="#">slackware.com</a><br><a href="#">text/html</a>                               | <a href="#">SLACKWARE SSA:2004-266</a>                          |
| Xine-lib DVD Subpicture Decoder Heap Overflow Vulnerability | <a href="#">Patch</a><br><a href="#">cve.report (archive)</a><br><a href="#">text/html</a>                        | <a href="#">BID 11205</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 |
|-------------|----------------------|----------------------|----------|--------|---------|----------|
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_alpha  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta1  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta10 | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta11 | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta12 | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta2  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta3  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta4  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta5  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta6  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta7  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta8  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_beta9  | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc0    | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc0a   | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc1    | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc2    | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc3    | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc3a   | All    | All     | All      |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a> | 1_rc3b   | All    | All     | All      |

|             |                      |                          |          |     |     |     |
|-------------|----------------------|--------------------------|----------|-----|-----|-----|
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc4    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc5    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_alpha  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta1  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta10 | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta11 | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta12 | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta2  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta3  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta4  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta5  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta6  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta7  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta8  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_beta9  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc0    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc0a   | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc1    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc2    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc3    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc3a   | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc3b   | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc4    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine</a>     | 1_rc5    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 0.9.8    | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta12 | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta2  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta3  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta4  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta5  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta6  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta7  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta8  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_beta9  | All | All | All |
| Application | <a href="#">Xine</a> | <a href="#">Xine-lib</a> | 1_rc0    | All | All | All |

|                                     |      |          |          |     |     |     |
|-------------------------------------|------|----------|----------|-----|-----|-----|
| Application                         | Xine | Xine-lib | 1_rc1    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc2    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3a   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3b   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3c   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc4    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc5    | All | All | All |
| Application                         | Xine | Xine-lib | 0.9.8    | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta12 | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta2  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta3  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta4  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta5  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta6  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta7  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta8  | All | All | All |
| Application                         | Xine | Xine-lib | 1_beta9  | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc0    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc1    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc2    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3a   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3b   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc3c   | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc4    | All | All | All |
| Application                         | Xine | Xine-lib | 1_rc5    | All | All | All |
| cpe:2.3:a:xine:xine:1_alpha:*****:  |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta1:*****:  |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta10:*****: |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta11:*****: |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta12:*****: |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta2:*****:  |      |          |          |     |     |     |
| cpe:2.3:a:xine:xine:1_beta3:*****:  |      |          |          |     |     |     |

```
cpe:2.3:a:xine:xine:1_beta4:*.:.:.:.:.:
```

```
cpe:2.3:a:xine:xine:1_beta5:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta6:*.:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta7:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta8:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta9:*.:.:.:.:.:
```

```
cpe:2.3:a:xine:xine:1_rc0:*:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc0a:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc1:*:*:*:*:*:*
```

```
cpe:2.3:a:xine:xine:1_rc2:*:*:*:*:*:*
```

```
cpe:2.3:a:xine:xine:1_rc3:*:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc3a:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc3b:*.:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc4:*:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_rc5:*:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_alpha:*:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta1:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta10:::~::~:
```

```
cpe:2.3:a:xine:xine:1_beta11:::~::~:
```

```
cpe:2.3:a:xine:xine:1_beta12:::~::~:
```

cpe:2.3:a:xine:xine:1\_beta2:\*:\*:\*:\*:\*:

```
cpe:2.3:a:xine:xine:1_beta3:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta4:*.:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta5:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:xine:xine:1_beta6:*.:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta7:*.:*:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta8:*.:*:*:*:*:
```

```
cpe:2.3:a:xine:xine:1_beta9:*.:.:.:.:.:
```

|                                         |
|-----------------------------------------|
| cpe:2.3:a:xine:xine:1_rc0:*****:        |
| cpe:2.3:a:xine:xine:1_rc0a:*****:       |
| cpe:2.3:a:xine:xine:1_rc1:*****:        |
| cpe:2.3:a:xine:xine:1_rc2:*****:        |
| cpe:2.3:a:xine:xine:1_rc3:*****:        |
| cpe:2.3:a:xine:xine:1_rc3a:*****:       |
| cpe:2.3:a:xine:xine:1_rc3b:*****:       |
| cpe:2.3:a:xine:xine:1_rc4:*****:        |
| cpe:2.3:a:xine:xine:1_rc5:*****:        |
| cpe:2.3:a:xine:xine-lib:0.9.8:*****:    |
| cpe:2.3:a:xine:xine-lib:1_beta12:*****: |
| cpe:2.3:a:xine:xine-lib:1_beta2:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta3:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta4:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta5:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta6:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta7:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta8:*****:  |
| cpe:2.3:a:xine:xine-lib:1_beta9:*****:  |
| cpe:2.3:a:xine:xine-lib:1_rc0:*****:    |
| cpe:2.3:a:xine:xine-lib:1_rc1:*****:    |
| cpe:2.3:a:xine:xine-lib:1_rc2:*****:    |
| cpe:2.3:a:xine:xine-lib:1_rc3:*****:    |
| cpe:2.3:a:xine:xine-lib:1_rc3a:*****:   |
| cpe:2.3:a:xine:xine-lib:1_rc3b:*****:   |
| cpe:2.3:a:xine:xine-lib:1_rc3c:*****:   |
| cpe:2.3:a:xine:xine-lib:1_rc4:*****:    |
| cpe:2.3:a:xine:xine-lib:1_rc5:*****:    |
| cpe:2.3:a:xine:xine-lib:0.9.8:*****:    |

