



# CVE-2010-4395

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## CVE-2010-4395

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

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

Heap-based buffer overflow in RealNetworks RealPlayer 11.0 through 11.1, RealPlayer SP 1.0 through 1.1.5, and Linux RealPlayer 11.0.2.1744 allows remote attackers to execute arbitrary code via a crafted conditional component in AAC frame data.

CVE-2010-4395 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **9.3 - HIGH**

Access  
Vector

**NETWORK**

Access  
Complexity

**MEDIUM**

Authentication

**NONE**

Confidentiality  
Impact

**COMPLETE**

Integrity  
Impact

**COMPLETE**

Availability  
Impact

**COMPLETE**

## CVE References

Description

Tags

Link

**No Description Provided**

[osvdb.org](#)

[OSVDB 69854](#)

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

Zero Day Initiative

[www.zerodayinitiative.com](#)  
[text/html](#)

[Z](#) **MISC** [www.zerodayinitiative.com/advisories/ZDI-10-267](#)

RealPlayer and StarSearch by Real Official  
Homepage — Real.com

[Vendor Advisory](#)  
[service.real.com](#)  
[text/html](#)

[G](#) **CONFIRM**  
[service.real.com/realplayer/security/12102010\\_player/en/](#)

SecurityTracker.com Archives - RealPlayer Buffer  
Overflows and Memory Corruption Errors Let  
Remote Users Execute Arbitrary Code

[www.securitytracker.com](#)  
[text/html](#)

[G](#) **SECTrack** [1024861](#)

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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 |
|------------------|------------------------------|-------------------------------|-------------|--------|---------|----------|
| Operating System | <a href="#">Linux</a>        | <a href="#">Linux Kernel</a>  | All         | All    | All     | All      |
| Operating System | <a href="#">Linux</a>        | <a href="#">Linux Kernel</a>  | All         | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0        | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.1      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.2      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.2.1744 | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.3      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.4      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.5      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.1        | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0        | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.1      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.2      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.2.1744 | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.3      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.4      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.0.5      | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a>    | 11.1        | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.0.0       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.0.1       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.0.2       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.0.5       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1         | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1.1       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1.2       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1.3       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1.4       | All    | All     | All      |
| Application      | <a href="#">Realnetworks</a> | <a href="#">Realplayer Sp</a> | 1.1.5       | All    | All     | All      |

|                                                          |              |               |       |     |     |     |
|----------------------------------------------------------|--------------|---------------|-------|-----|-----|-----|
| Application                                              | Realnetworks | Realplayer Sp | 1.0.0 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.0.1 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.0.2 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.0.5 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1   | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1.1 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1.2 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1.3 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1.4 | All | All | All |
| Application                                              | Realnetworks | Realplayer Sp | 1.1.5 | All | All | All |
| cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:                  |              |               |       |     |     |     |
| cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:                  |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0:*:*:*:*:*:        |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.1:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.2:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.2.1744:*:*:*:*:*: |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.3:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.4:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.5:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.1:*:*:*:*:*:        |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0:*:*:*:*:*:        |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.1:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.2:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.2.1744:*:*:*:*:*: |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.3:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.4:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.0.5:*:*:*:*:*:      |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11.1:*:*:*:*:*:        |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.0:*:*:*:*:*:    |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.1:*:*:*:*:*:    |              |               |       |     |     |     |

|                                                   |
|---------------------------------------------------|
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.2:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.5:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1:*****:   |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.1:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.2:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.3:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.4:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.5:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.0:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.1:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.2:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.0.5:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1:*****:   |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.1:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.2:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.3:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.4:*****: |
| cpe:2.3:a:realnetworks:realplayer_sp:1.1.5:*****: |

No vendor comments have been submitted for this CVE