



# CVE-2012-2407

Published on: 09/12/2012 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:28:27 PM UTC

## CVE-2012-2407

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

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

Buffer overflow in RealNetworks RealPlayer before 15.0.6.14, RealPlayer SP 1.0 through 1.1.5, and Mac RealPlayer before 12.0.1.1750 allows remote attackers to cause a denial of service or possibly have unspecified other impact via a crafted AAC file that is not properly handled during stream-data unpacking.

CVE-2012-2407 has been assigned by [M](#) [cve@mitre.org](mailto: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

September 2012

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

[CONFIRM service.real.com/realplayer/security/09072012\\_player/en/](#)

IBM X-Force Exchange

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

[XF realplayer-aac-data-bo\(78384\)](#)

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There are currently no OIDs associated with this CVE

| There are currently no CVEs associated with this CVE |              |            |                     |        |            |          |
|------------------------------------------------------|--------------|------------|---------------------|--------|------------|----------|
|                                                      |              |            |                     |        |            |          |
| Known Affected Configurations (CPE V2.3)             |              |            |                     |        |            |          |
| Type                                                 | Vendor       | Product    | Version             | Update | Edition    | Language |
| Application                                          | Realnetworks | Realplayer | 10.0                | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 10.5                | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0                | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.1              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.2              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.2.1744         | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.2.2315         | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.3              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.4              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.0.5              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.1                | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11.1.3              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 11_build_6.0.14.748 | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 12.0.0.1444         | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 12.0.0.1548         | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 12.0.0.1701         | All    | mac        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.0              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.1              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.1.609          | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.2              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.3              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.4              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 14.0.5              | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 15.0.2.72           | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 15.0.3.37           | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 2.1.2               | All    | enterprise | All      |
| Application                                          | Realnetworks | Realplayer | 2.1.3               | All    | enterprise | All      |
| Application                                          | Realnetworks | Realplayer | 2.1.4               | All    | enterprise | All      |
| Application                                          | Realnetworks | Realplayer | 4                   | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 5                   | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 6                   | All    | All        | All      |
| Application                                          | Realnetworks | Realplayer | 7                   | All    | All        | All      |

|             |                              |                            |                     |     |            |     |
|-------------|------------------------------|----------------------------|---------------------|-----|------------|-----|
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 8                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 10.0                | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 10.5                | 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> | 11.0.2.2315         | 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> | 11.1.3              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 11_build_6.0.14.748 | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 12.0.0.1444         | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 12.0.0.1548         | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 12.0.0.1701         | All | mac        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.0              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.1              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.1.609          | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.2              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.3              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.4              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 14.0.5              | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 15.0.2.72           | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 15.0.3.37           | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 2.1.2               | All | enterprise | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 2.1.3               | All | enterprise | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 2.1.4               | All | enterprise | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 4                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 5                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 6                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 7                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 8                   | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | All                 | All | All        | All |
| Application | <a href="#">Realnetworks</a> | <a href="#">Realplayer</a> | 1.0.0               | 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 |
| 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:a:realnetworks:realplayer:10.0:*:*:*:*:*:                |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:10.5:*:*:*:*:*:                |              |               |       |     |     |     |
| 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:11.0.2.2315:*:*:*:*:*:         |              |               |       |     |     |     |
| 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:11.1.3:*:*:*:*:*:              |              |               |       |     |     |     |
| cpe:2.3:a:realnetworks:realplayer:11 build 6.0.14.748:*:*:*:*:*: |              |               |       |     |     |     |

|                                                             |
|-------------------------------------------------------------|
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1444:*****:        |
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1548:*****:        |
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1701:*:mac:*****:  |
| cpe:2.3:a:realnetworks:realplayer:14.0.0:*****:             |
| cpe:2.3:a:realnetworks:realplayer:14.0.1:*****:             |
| cpe:2.3:a:realnetworks:realplayer:14.0.1.609:*****:         |
| cpe:2.3:a:realnetworks:realplayer:14.0.2:*****:             |
| cpe:2.3:a:realnetworks:realplayer:14.0.3:*****:             |
| cpe:2.3:a:realnetworks:realplayer:14.0.4:*****:             |
| cpe:2.3:a:realnetworks:realplayer:14.0.5:*****:             |
| cpe:2.3:a:realnetworks:realplayer:15.0.2.72:*****:          |
| cpe:2.3:a:realnetworks:realplayer:15.0.3.37:*****:          |
| cpe:2.3:a:realnetworks:realplayer:2.1.2:*:enterprise:*****: |
| cpe:2.3:a:realnetworks:realplayer:2.1.3:*:enterprise:*****: |
| cpe:2.3:a:realnetworks:realplayer:2.1.4:*:enterprise:*****: |
| cpe:2.3:a:realnetworks:realplayer:4:*****:                  |
| cpe:2.3:a:realnetworks:realplayer:5:*****:                  |
| cpe:2.3:a:realnetworks:realplayer:6:*****:                  |
| cpe:2.3:a:realnetworks:realplayer:7:*****:                  |
| cpe:2.3:a:realnetworks:realplayer:8:*****:                  |
| cpe:2.3:a:realnetworks:realplayer:10.0:*****:               |
| cpe:2.3:a:realnetworks:realplayer:10.5:*****:               |
| 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:11.0.2.2315:*****:        |
| 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:11.1.3:*****:              |
| cpe:2.3:a:realnetworks:realplayer:11_build_6.0.14.748:*****: |
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1444:*****:         |
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1548:*****:         |
| cpe:2.3:a:realnetworks:realplayer:12.0.0.1701:*:mac:*****:   |
| cpe:2.3:a:realnetworks:realplayer:14.0.0:*****:              |
| cpe:2.3:a:realnetworks:realplayer:14.0.1:*****:              |
| cpe:2.3:a:realnetworks:realplayer:14.0.1.609:*****:          |
| cpe:2.3:a:realnetworks:realplayer:14.0.2:*****:              |
| cpe:2.3:a:realnetworks:realplayer:14.0.3:*****:              |
| cpe:2.3:a:realnetworks:realplayer:14.0.4:*****:              |
| cpe:2.3:a:realnetworks:realplayer:14.0.5:*****:              |
| cpe:2.3:a:realnetworks:realplayer:15.0.2.72:*****:           |
| cpe:2.3:a:realnetworks:realplayer:15.0.3.37:*****:           |
| cpe:2.3:a:realnetworks:realplayer:2.1.2:*:enterprise:*****:  |
| cpe:2.3:a:realnetworks:realplayer:2.1.3:*:enterprise:*****:  |
| cpe:2.3:a:realnetworks:realplayer:2.1.4:*:enterprise:*****:  |
| cpe:2.3:a:realnetworks:realplayer:4:*****:                   |
| cpe:2.3:a:realnetworks:realplayer:5:*****:                   |
| cpe:2.3:a:realnetworks:realplayer:6:*****:                   |
| cpe:2.3:a:realnetworks:realplayer:7:*****:                   |
| cpe:2.3:a:realnetworks:realplayer:8:*****:                   |
| cpe:2.3:a:realnetworks:realplayer:*****:                     |
| 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:1.0.2:*****: |
| 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

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