



# CVE-2015-8656

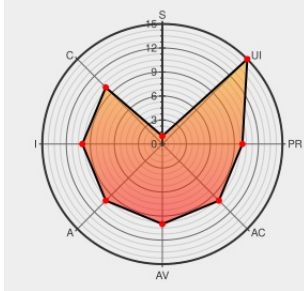
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## CVE-2015-8656

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

CVSS:31/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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

Adobe Flash Player before 18.0.0.268 and 19.x and 20.x before 20.0.0.228 on Windows and OS X and before 11.2.202.554 on Linux, Adobe AIR before 20.0.0.204, Adobe AIR SDK before 20.0.0.204, and Adobe AIR SDK & Compiler before 20.0.0.204 allow attackers to execute arbitrary code or cause a denial of service (out-of-bounds read and memory corruption) via crafted MPEG-4 data, a different

vulnerability than CVE-2015-8045, CVE-2015-8047, CVE-2015-8060, CVE-2015-8408, CVE-2015-8416, CVE-2015-8417, CVE-2015-8418, CVE-2015-8419, CVE-2015-8443, CVE-2015-8444, CVE-2015-8451, CVE-2015-8455, CVE-2015-8652, CVE-2015-8654, CVE-2015-8657, CVE-2015-8658, and CVE-2015-8820.

CVE-2015-8656 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

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

CVE References

| Description                                                                                | Tags                                                                                                                     | Link                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adobe Security Bulletin                                                                    | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">helpx.adobe.com</a><br><a href="#">text/html</a> |  CONFIRM<br><a href="https://helpx.adobe.com/security/products/flash-player/apsb15-32.html">helpx.adobe.com/security/products/flash-player/apsb15-32.html</a> |
| Adobe Flash Player and AIR MPEG-4 File Handling Multiple Memory Corruption Vulnerabilities | <a href="#">cve.report (archive)</a><br><a href="#">text/html</a>                                                        |  BID 84160                                                                                                                                                    |
| ZDI-15-659   Zero Day Initiative                                                           | <a href="#">www.zerodayinitiative.com</a><br><a href="#">text/html</a>                                                   |  MISC<br><a href="https://www.zerodayinitiative.com/advisories/ZDI-15-659">www.zerodayinitiative.com/advisories/ZDI-15-659</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="#">Adobe</a> | <a href="#">Air</a>                 | All        | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Air Desktop Runtime</a> | All        | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Air Sdk</a>             | All        | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Air Sdk Compiler</a>    | All        | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Air Sdk Compiler</a>    | All        | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.185 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.207 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.226 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.245 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.228 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.235 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.286 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.185 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.207 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.226 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 19.0.0.245 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.228 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.235 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | 20.0.0.286 | All    | All     | All      |
| Application | <a href="#">Adobe</a> | <a href="#">Flash Player</a>        | All        | All    | All     | All      |

|                  |           |                              |     |     |     |     |
|------------------|-----------|------------------------------|-----|-----|-----|-----|
| Application      | Adobe     | Flash Player                 | All | All | All | All |
| Application      | Adobe     | Flash Player                 | All | All | All | All |
| Application      | Adobe     | Flash Player                 | All | All | All | All |
| Application      | Adobe     | Flash Player                 | All | All | All | All |
| Application      | Adobe     | Flash Player                 | All | All | All | All |
| Application      | Adobe     | Flash Player Desktop Runtime | All | All | All | All |
| Operating System | Apple     | Iphone Os                    | All | All | All | All |
| Operating System | Apple     | Iphone Os                    | -   | All | All | All |
| Operating System | Apple     | Iphone Os                    | All | All | All | All |
| Operating System | Apple     | Mac Os X                     | All | All | All | All |
| Operating System | Apple     | Mac Os X                     | -   | All | All | All |
| Operating System | Apple     | Mac Os X                     | All | All | All | All |
| Operating System | Google    | Android                      | All | All | All | All |
| Operating System | Google    | Android                      | -   | All | All | All |
| Operating System | Google    | Android                      | All | All | All | All |
| Operating System | Google    | Chrome Os                    | -   | All | All | All |
| Operating System | Linux     | Linux Kernel                 | All | All | All | All |
| Operating System | Linux     | Linux Kernel                 | -   | All | All | All |
| Operating System | Linux     | Linux Kernel                 | All | All | All | All |
| Operating System | Microsoft | Windows                      | All | All | All | All |
| Operating System | Microsoft | Windows                      | -   | All | All | All |
| Operating System | Microsoft | Windows                      | All | All | All | All |
| Operating System | Microsoft | Windows 10                   | -   | All | All | All |
| Operating System | Microsoft | Windows 8                    | -   | All | All | All |
| Operating System | Microsoft | Windows 8.0                  | -   | All | All | All |

|                                                           |           |             |         |     |       |     |
|-----------------------------------------------------------|-----------|-------------|---------|-----|-------|-----|
| Operating System                                          | Microsoft | Windows 8.1 | -       | All | All   | All |
| Operating System                                          | Sun       | Opensolaris | snv_124 | All | sparc | All |
| cpe:2.3:a:adobe:air:*****:                                |           |             |         |     |       |     |
| cpe:2.3:a:adobe:air_desktop_runtime:*****:                |           |             |         |     |       |     |
| cpe:2.3:a:adobe:air_sdk:*****:                            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:air_sdk_\&_compiler:*****:                |           |             |         |     |       |     |
| cpe:2.3:a:adobe:air_sdk_\\&_compiler:*****:               |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.185:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.207:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.226:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.245:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.228:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.235:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.286:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.185:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.207:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.226:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:19.0.0.245:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.228:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.235:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:20.0.0.286:*****:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:                       |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:                       |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:esr:***:               |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:chrome:***:            |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:edge:***:              |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player:*****:internet_explorer:***: |           |             |         |     |       |     |
| cpe:2.3:a:adobe:flash_player_desktop_runtime:*****:       |           |             |         |     |       |     |

|                                                 |
|-------------------------------------------------|
| cpe:2.3:o:apple:iphone_os:*****:                |
| cpe:2.3:o:apple:iphone_os:-:*****:              |
| cpe:2.3:o:apple:iphone_os:*****:                |
| cpe:2.3:o:apple:mac_os_x:*****:                 |
| cpe:2.3:o:apple:mac_os_x:-:*****:               |
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| cpe:2.3:o:google:android:*****:                 |
| cpe:2.3:o:google:android:-:*****:               |
| cpe:2.3:o:google:android:*****:                 |
| cpe:2.3:o:google:chrome_os:-:*****:             |
| cpe:2.3:o:linux:linux_kernel:*****:             |
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| cpe:2.3:o:linux:linux_kernel:*****:             |
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| cpe:2.3:o:microsoft:windows:-:*****:            |
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| cpe:2.3:o:microsoft:windows_8:-:*****:          |
| cpe:2.3:o:microsoft:windows_8.0:-:*****:        |
| cpe:2.3:o:microsoft:windows_8.1:-:*****:        |
| cpe:2.3:o:sun:opensolaris:snv_124*:sparc:*****: |

No vendor comments have been submitted for this CVE

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