



# CVE-2015-8644

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## CVE-2015-8644

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



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

Adobe Flash Player before 18.0.0.324 and 19.x and 20.x before 20.0.0.267 on Windows and OS X and before 11.2.202.559 on Linux, Adobe AIR before 20.0.0.233, Adobe AIR SDK before 20.0.0.233, and Adobe AIR SDK & Compiler before 20.0.0.233 allow attackers to execute arbitrary code by leveraging an unspecified "type confusion."

CVE-2015-8644 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                                                                                                                                                                                            |
|------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document Display   HPE Support Center    | <a href="https://h20566.www2.hpe.com/text/html">h20566.www2.hpe.com text/html</a> | <a href="https://h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05356388">CONFIRM h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05356388</a> |
| Adobe Flash Player and AIR CVE-2015-8644 | <a href="#">cve.report (archive)</a>                                              | <a href="#">BID 79704</a>                                                                                                                                                                       |

|                                                                                              |                                                                                                                                                  |                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type Confusion Remote Code Execution Vulnerability                                           | <a href="#">text/html</a>                                                                                                                        |                                                                                                                                                                                                    |
| Document Display   HPE Support Center                                                        | <a href="https://h20566.www2.hpe.com">h20566.www2.hpe.com</a><br><a href="#">text/html</a>                                                       | CONFIRM<br><a href="https://h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05390722">h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05390722</a> |
| Adobe Flash Player Multiple Flaws Lets Remote Users Execute Arbitrary Code - SecurityTracker | <a href="https://www.securitytracker.com">www.securitytracker.com</a><br><a href="#">text/html</a>                                               | SECTRAK 1034544                                                                                                                                                                                    |
| Adobe Flash - SimpleButton Creation Type Confusion - Multiple dos Exploit                    | <a href="https://www.exploit-db.com">www.exploit-db.com</a><br><a href="#">Proof of Concept</a><br><a href="#">text/html</a>                     | EXPLOIT-DB 39476                                                                                                                                                                                   |
| [security-announce] SUSE-SU-2015:2401-1: important: Security update for                      | <a href="https://lists.opensuse.org">lists.opensuse.org</a><br><a href="#">text/html</a>                                                         | SUSE SUSE-SU-2015:2401                                                                                                                                                                             |
| [security-announce] openSUSE-SU-2015:2400-1: important: Security update                      | <a href="https://lists.opensuse.org">lists.opensuse.org</a><br><a href="#">text/html</a>                                                         | SUSE openSUSE-SU-2015:2400                                                                                                                                                                         |
| Document Display   HPE Support Center                                                        | <a href="https://h20566.www2.hpe.com">h20566.www2.hpe.com</a><br><a href="#">text/html</a>                                                       | CONFIRM<br><a href="https://h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05385680">h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05385680</a> |
| Red Hat Customer Portal                                                                      | <a href="https://web.archive.org">web.archive.org</a><br><a href="#">text/html</a><br><a href="#">Inactive Link</a> <a href="#">Not Archived</a> | REDHAT RHSA-2015:2697                                                                                                                                                                              |
| Adobe Security Bulletin                                                                      | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="https://helpx.adobe.com">helpx.adobe.com</a><br><a href="#">text/html</a>   | CONFIRM <a href="https://helpx.adobe.com/security/products/flash-player/apsb16-01.html">helpx.adobe.com/security/products/flash-player/apsb16-01.html</a>                                          |
| Adobe Flash Player: Multiple vulnerabilities (GLSA 201601-03) — Gentoo Security              | <a href="https://security.gentoo.org">security.gentoo.org</a><br><a href="#">text/html</a>                                                       | GENTOO GLSA-201601-03                                                                                                                                                                              |
| [security-announce] openSUSE-SU-2015:2403-1: important: Security update                      | <a href="https://lists.opensuse.org">lists.opensuse.org</a><br><a href="#">text/html</a>                                                         | SUSE openSUSE-SU-2015:2403                                                                                                                                                                         |
| [security-announce] SUSE-SU-2015:2402-1: important: Security update for                      | <a href="https://lists.opensuse.org">lists.opensuse.org</a><br><a href="#">text/html</a>                                                         | SUSE SUSE-SU-2015:2402                                                                                                                                                                             |

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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 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                                       | Vendor    | Product      | Version    | Architecture | Platform | OS  |
|---------------------------------------------------|-----------|--------------|------------|--------------|----------|-----|
| Application                                       | Adobe     | Flash Player | 19.0.0.226 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 19.0.0.245 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 20.0.0.228 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 20.0.0.235 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 19.0.0.185 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 19.0.0.207 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 19.0.0.226 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 19.0.0.245 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 20.0.0.228 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | 20.0.0.235 | All          | All      | All |
| Application                                       | Adobe     | Flash Player | All        | All          | All      | All |
| Application                                       | Adobe     | Flash Player | All        | All          | All      | All |
| Operating System                                  | Apple     | Iphone Os    | All        | 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      | All |
| Operating System                                  | Google    | Android      | All        | All          | All      | All |
| Operating System                                  | Google    | Android      | All        | All          | All      | All |
| Operating System                                  | Linux     | Linux Kernel | All        | 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      | All |
| cpe:2.3:a:adobe:air:*****:.*:                     |           |              |            |              |          |     |
| 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:*****:.*: |           |              |            |              |          |     |

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| 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:*****: |
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| cpe:2.3:a:adobe:flash_player:19.0.0.207:*****: |
| cpe:2.3:a:adobe:flash_player:19.0.0.226:*****: |
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| 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:*****:                |
| cpe:2.3:o:google:android:*****:                |
| cpe:2.3:o:google:android:*****:                |
| cpe:2.3:o:linux:linux_kernel:*****:            |
| cpe:2.3:o:linux:linux_kernel:*****:            |
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| cpe:2.3:o:microsoft:windows:*****:             |

No vendor comments have been submitted for this CVE

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