



# CVE-2017-2945

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## CVE-2017-2945

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

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

Adobe Acrobat Reader versions 15.020.20042 and earlier, 15.006.30244 and earlier, 11.0.18 and earlier have an exploitable heap overflow vulnerability when parsing TIFF image files. Successful exploitation could lead to arbitrary code execution.

CVE-2017-2945 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</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> | <a href="https://helpx.adobe.com/security/products/acrobat/apsb17-01.html">CONFIRM<br/>helpx.adobe.com/security/products/acrobat/apsb17-01.html</a> |

Adobe Acrobat Reader Multiple Flaws Let Remote Users Bypass Security Restrictions and Execute Arbitrary Code - SecurityTracker

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

 [SECTrack 1037574](#)

Adobe Acrobat and Reader Multiple Unspecified Heap Buffer Overflow Vulnerabilities

[cve.report \(archive\)](#)  
[text/html](#)

 [BID 95344](#)

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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="#">Acrobat</a>           | All     | All    | All     | All      |
| Application      | <a href="#">Adobe</a>     | <a href="#">Acrobat Dc</a>        | All     | All    | All     | All      |
| Application      | <a href="#">Adobe</a>     | <a href="#">Acrobat Dc</a>        | All     | All    | All     | All      |
| Application      | <a href="#">Adobe</a>     | <a href="#">Acrobat Reader Dc</a> | All     | All    | All     | All      |
| Application      | <a href="#">Adobe</a>     | <a href="#">Acrobat Reader Dc</a> | All     | All    | All     | All      |
| Application      | <a href="#">Adobe</a>     | <a href="#">Reader</a>            | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>     | <a href="#">Mac Os X</a>          | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a>     | <a href="#">Mac Os X</a>          | All     | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows</a>           | All     | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows</a>           | All     | All    | All     | All      |

cpe:2.3:a:adobe:acrobat:\*.\*\*\*.\*\*\*.\*\*\*:

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cpe:2.3:a:adobe:reader:\*.\*\*\*.\*\*\*.\*\*\*:

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No vendor comments have been submitted for this CVE

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