



# CVE-2019-8019

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## CVE-2019-8019

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

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

Adobe Acrobat and Reader versions 2019.012.20035 and earlier, 2019.012.20035 and earlier, 2017.011.30142 and earlier, 2017.011.30143 and earlier, 2015.006.30497 and earlier, and 2015.006.30498 and earlier have a type confusion vulnerability. Successful exploitation could lead to arbitrary code execution .

CVE-2019-8019 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Adobe - Adobe Acrobat and Reader** version 2019.012.20035 and earlier, 2019.012.20035 and earlier, 2017.011.30142 and earlier, 2017.011.30143 and earlier, 2015.006.30497 and earlier, and 2015.006.30498 and earlier versions

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: **6.8 - MEDIUM**

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

## CVE References

| Description | Tags | Link |
|-------------|------|------|
|-------------|------|------|

| Type                                                   | Vendor    | Product           | Version | Update | Edition | Language |
|--------------------------------------------------------|-----------|-------------------|---------|--------|---------|----------|
| Application                                            | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Reader Dc | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Reader Dc | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Reader Dc | All     | All    | All     | All      |
| Application                                            | Adobe     | Acrobat Reader Dc | All     | All    | All     | All      |
| Operating System                                       | Apple     | Macos             | -       | All    | All     | All      |
| Operating System                                       | Apple     | Mac Os            | -       | All    | All     | All      |
| Operating System                                       | Apple     | Mac Os            | -       | All    | All     | All      |
| Operating System                                       | Microsoft | Windows           | -       | All    | All     | All      |
| Operating System                                       | Microsoft | Windows           | -       | All    | All     | All      |
| cpe:2.3:a:adobe:acrobat_dc:****:classic:***:           |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_dc:****:continuous:***:        |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_dc:****:classic:***:           |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_dc:****:continuous:***:        |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_reader_dc:****:classic:***:    |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_reader_dc:****:continuous:***: |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_reader_dc:****:classic:***:    |           |                   |         |        |         |          |
| cpe:2.3:a:adobe:acrobat_reader_dc:****:continuous:***: |           |                   |         |        |         |          |

|                                      |
|--------------------------------------|
| cpe:2.3:o:apple:macos:-:*****:       |
| cpe:2.3:o:apple:mac_os:-:*****:      |
| cpe:2.3:o:apple:mac_os:-:*****:      |
| cpe:2.3:o:microsoft:windows:-:*****: |
| cpe:2.3:o:microsoft:windows:-:*****: |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                            | Title                                                                                                                                         | Posted (UTC)           |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <br>@RedPacketSec | CVE-2019-8019 - <a href="https://redpacketsecurity.com/cve-2019-8019/">redpacketsecurity.com/cve-2019-8019/</a> #Uncategorized #cybersecurity | 2021-11-22<br>15:50:33 |

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