



# CVE-2020-24438

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## CVE-2020-24438

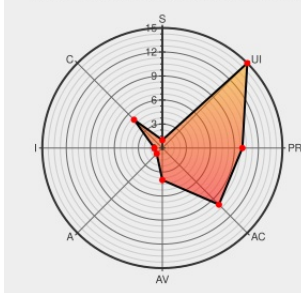
Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)

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



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

Acrobat Reader DC versions 2020.012.20048 (and earlier), 2020.001.30005 (and earlier) and 2017.011.30175 (and earlier) are affected by a use-after-free vulnerability that could result in a memory address leak. Exploitation of this issue requires user interaction in that a victim must open a malicious file.

CVE-2020-24438 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **LOW** severity.

Affected Vendor/Software: **Adobe - Acrobat Reader** version <= 2017.011.30175

Affected Vendor/Software: **Adobe - Acrobat Reader** version <= 2020.012.20048

Affected Vendor/Software: **Adobe - Acrobat Reader** version <= 2020.001.30005

Affected Vendor/Software: **Adobe - Acrobat Reader** version <= None

CVSS3 Score: **3.3 - LOW**

| 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>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |

CVSS2 Score: **4.3 - 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>NONE</b>       | <b>NONE</b>         |

## CVE References

| Description                       | Tags                                                                                                           | Link                                                                                                                                                                                                                           |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adobe Security Bulletin           | <div>Vendor Advisory</div> <div>helpx.adobe.com</div> <div>text/html</div>                                     |  MISC <a href="https://helpx.adobe.com/security/products/acrobat/apsb20-67.html">helpx.adobe.com/security/products/acrobat/apsb20-67.html</a> |
| ZDI-20-1357   Zero Day Initiative | <div>Third Party Advisory</div> <div>VDB Entry</div> <div>www.zerodayinitiative.com</div> <div>text/html</div> |  MISC <a href="https://www.zerodayinitiative.com/advisories/ZDI-20-1357/">www.zerodayinitiative.com/advisories/ZDI-20-1357/</a>               |

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There are currently no QIDs associated with this CVE

| Type             | Vendor    | Product           | Version | Update | Edition | Language |
|------------------|-----------|-------------------|---------|--------|---------|----------|
| Application      | Adobe     | Acrobat           | All     | All    | All     | All      |
| Application      | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application      | Adobe     | Acrobat Dc        | All     | All    | All     | All      |
| Application      | Adobe     | Acrobat Reader    | 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:*:*:*:classic:*:*:
```

```
cpe:2.3:a:adobe:acrobat_dc:*.?:*.?:classic:*.?:*:
```

```
cpe:2.3:a:adobe:acrobat_dc:*.~*.~*.continuous:~*.~*:
```

```
cpe:2.3:a:adobe:acrobat_reader:*:*:*:classic:*:*:
```

```
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

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