



CVE-2020-24437

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

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 in the processing of Format event actions that could result in arbitrary code execution in the context of the current user. Exploitation of this issue requires user interaction in that a victim must open a malicious file.

CVE-2020-24437 has been assigned by psirt@adobe.com to track the vulnerability - currently rated as **HIGH** 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: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

CVE References

Description	Tags	Link
Adobe Security Bulletin	Vendor Advisory helpx.adobe.com text/html	 MISC helpx.adobe.com/security/products/acrobat/apsb20-67.html
TALOS-2020-1156 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Third Party Advisory www.talosintelligence.com text/html	 MISC www.talosintelligence.com/vulnerability_reports/TALOS-2020-1156

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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	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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