



# CVE-2018-7454

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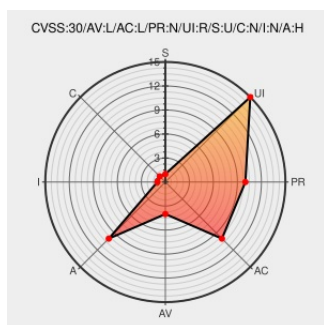
## CVE-2018-7454

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Xpdf](#) from [Xpdfreader](#) contain the following vulnerability:

A NULL pointer dereference in XFAForm::scanFields in XFAForm.cc in xpdf 4.00 allows attackers to launch denial of service via a specific pdf file, as demonstrated by pdftohtml.

CVE-2018-7454 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

| 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>NONE</b>            | <b>NONE</b>         | <b>HIGH</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>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                                       | Tags                                                                                                                                   | Link                                                                                     |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| [xpdf 4.00]Null pointer dereference in JPXStream::readCodestream && JPXStream::fillReadBuf - forum.xpdfreader.com | <a href="#">Issue Tracking</a><br><a href="#">Vendor Advisory</a><br><a href="#">forum.xpdfreader.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">forum.xpdfreader.com/viewtopic.php?f=3&amp;t=613</a> |

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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="#">Xpdfreader</a> | <a href="#">Xpdf</a> | 4.00    | All    | All     | All      |
| Application                               | <a href="#">Xpdfreader</a> | <a href="#">Xpdf</a> | 4.00    | All    | All     | All      |
| cpe:2.3:a:xpdfreader:xpdf:4.00:*:*:*:*:*: |                            |                      |         |        |         |          |
| cpe:2.3:a:xpdfreader:xpdf:4.00:*:*:*:*:*: |                            |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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