



# CVE-2018-3958

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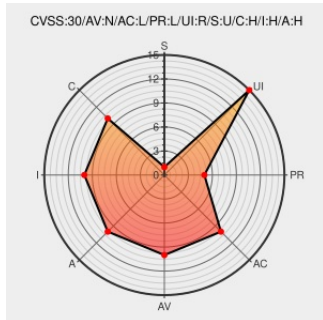
## CVE-2018-3958

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



Certain versions of [Phantompdf](#) from [Foxitsoftware](#) contain the following vulnerability:

A use-after-free vulnerability exists in the JavaScript engine of Foxit Software's Foxit PDF Reader version 9.1.0.5096. A use-after-free condition can occur when accessing the Subject property of the this.info object. An attacker needs to trick the user to open the malicious file to trigger this vulnerability. If the browser plugin extension is enabled, visiting a malicious site can also trigger the vulnerability.

CVE-2018-3958 has been assigned by [cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [cisco](#) **Foxit - Foxit PDF Reader** version **Foxit Software Foxit PDF Reader 9.1.0.5096**.

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: **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 |
|-------------|------|------|
|-------------|------|------|

Foxit Reader Multiple Flaws Let Remote Users Deny Service, Execute Arbitrary Code, and Obtain Potentially Sensitive Information - SecurityTracker

Third Party Advisory

VDB Entry

www.securitytracker.com

text/html

SECTRAK 1041769

Security Bulletins | Foxit Software

Patch

Vendor Advisory

www.foxitsoftware.com

text/html

MISC [www.foxitsoftware.com/support/security-bulletins.php](http://www.foxitsoftware.com/support/security-bulletins.php)

TALOS-2018-0628 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence

Third Party Advisory

talosintelligence.com

text/html

MISC [talosintelligence.com/vulnerability\\_reports/TALOS-2018-0628](https://talosintelligence.com/vulnerability_reports/TALOS-2018-0628)

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Related QID Numbers

376808 Foxit PhantomPDF Prior to 8.3.8 Multiple Security Vulnerabilities

| Known Affected Configurations (CPE V2.3)  |                               |                            |         |        |         |          |
|-------------------------------------------|-------------------------------|----------------------------|---------|--------|---------|----------|
| Type                                      | Vendor                        | Product                    | Version | Update | Edition | Language |
| Application                               | <a href="#">Foxitsoftware</a> | <a href="#">Phantompdf</a> | All     | All    | All     | All      |
| Application                               | <a href="#">Foxitsoftware</a> | <a href="#">Reader</a>     | All     | All    | All     | All      |
| Operating System                          | <a href="#">Microsoft</a>     | <a href="#">Windows</a>    | -       | All    | All     | All      |
| Operating System                          | <a href="#">Microsoft</a>     | <a href="#">Windows</a>    | -       | All    | All     | All      |
| cpe:2.3:a:foxitsoftware:phantompdf:*****: |                               |                            |         |        |         |          |
| cpe:2.3:a:foxitsoftware:reader:*****:     |                               |                            |         |        |         |          |
| cpe:2.3:o:microsoft:windows:-:*****:      |                               |                            |         |        |         |          |
| cpe:2.3:o:microsoft:windows:-:*****:      |                               |                            |         |        |         |          |

No vendor comments have been submitted for this CVE

