



# CVE-2018-14293

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## CVE-2018-14293

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

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

This vulnerability allows remote attackers to execute arbitrary code on vulnerable installations of Foxit Reader 9.1.0.5096. User interaction is required to exploit this vulnerability in that the target must visit a malicious page or open a malicious file. The specific flaw exists within the parsing of PDF documents. By manipulating a document's

elements, an attacker can cause a pointer to be reused after it has been freed. An attacker can leverage this vulnerability to execute code under the context of the current process. Was ZDI-CAN-6233.

CVE-2018-14293 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Foxit - Foxit Reader** version **9.1.0.5096**

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                                                                                                                                                                                                                     |
|-------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security Bulletins   Foxit Software | <div>Patch</div> <div>Vendor Advisory</div> <div>www.foxitsoftware.com</div> <div>text/html</div>          |  CONFIRM <a href="http://www.foxitsoftware.com/support/security-bulletins.php">www.foxitsoftware.com/support/security-bulletins.php</a> |
| ZDI-18-753   Zero Day Initiative    | <div>Third Party Advisory</div> <div>VDB Entry</div> <div>zerodayinitiative.com</div> <div>text/html</div> |  MISC <a href="http://zerodayinitiative.com/advisories/ZDI-18-753">zerodayinitiative.com/advisories/ZDI-18-753</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="#">Foxitsoftware</a> | <a href="#">Foxit Reader</a> | All     | All    | All     | All      |
| Application      | <a href="#">Foxitsoftware</a> | <a href="#">Phantompdf</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:foxit\_reader:\*\*\*\*\*:

cpe:2.3:a:foxitsoftware:phantompdf:\*\*\*\*\*:

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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