



CVE-2018-9948

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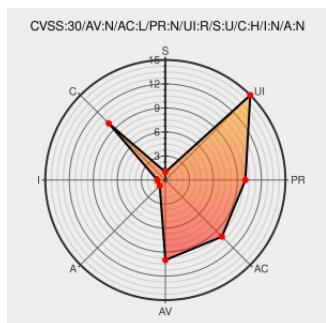
CVE-2018-9948

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[Source: NIST](#)

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

This vulnerability allows remote attackers to disclose sensitive information on vulnerable installations of Foxit Reader 9.0.0.29935. 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 handling of typed arrays. The issue results from the lack of proper initialization of a pointer prior to accessing it. An attacker can leverage this in conjunction with other vulnerabilities to execute code in the context of the current process. Was ZDI-CAN-5380.

CVE-2018-9948 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Foxit - Foxit Reader** version 9.0.0.29935

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletins Foxit Software	Patch Vendor Advisory www.foxitsoftware.com text/html	 CONFIRM www.foxitsoftware.com/support/security-bulletins.php
Foxit Reader 9.0.1.1049 - Remote Code Execution - Windows remote Exploit	Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 44941
Foxit PDF Reader 9.0.1.1049 - Pointer Overwrite Use-After-Free (Metasploit) - Windows local Exploit	Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 45269
ZDI-18-332 Zero Day Initiative	Third Party Advisory VDB Entry zerodayinitiative.com text/html	 MISC zerodayinitiative.com/advisories/ZDI-18-332

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Foxit Reader version 9.0.1.1049 Use After Free with ASLR and DEP bypass on heap

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Foxitsoftware	Foxit Reader	All	All	All	All
Application	Foxitsoftware	Phantompdf	All	All	All	All
cpe:2.3:a:foxitsoftware:foxit_reader:*****:						
cpe:2.3:a:foxitsoftware:phantompdf:*****:						

No vendor comments have been submitted for this CVE

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