



CVE-2021-27271

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[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 affected installations of Foxit PhantomPDF 10.1.0.37527. 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 U3D objects embedded in PDF files. The issue results from the lack of proper validation of user-supplied data, which can result in an out-of-bounds read condition. An attacker can leverage this vulnerability to execute code in the context of the current process. Was ZDI-CAN-12438.

CVE-2021-27271 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Foxit - PhantomPDF** version **10.1.0.37527**

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
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security Bulletins Foxit Software	www.foxitsoftware.com text/html	 MISC www.foxitsoftware.com/support/security-bulletins.php
ZDI-21-353 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-21-353/

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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	Foxitsoftware	Foxit Reader	All	All	All	All
Application	Foxitsoftware	Phantompdf	All	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
cpe:2.3:a:foxitsoftware:foxit_reader:*.*.*.*.*.*.*.*:						
cpe:2.3:a:foxitsoftware:phantompdf:*.*.*.*.*.*.*.*:						
cpe:2.3:o:microsoft:windows:-.*.*.*.*.*.*.*.*:						

Discovery Credit

Mat Powell of Trend Micro Zero Day Initiative

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