



# CVE-2022-28676

Published on: Not Yet Published

Last Modified on: 07/23/2022 03:00:00 AM UTC

## CVE-2022-28676

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

Certain versions of [Pdf Editor](#) from [Foxit](#) contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on affected installations of Foxit PDF Reader 11.2.1.53537. 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 Doc objects. The issue results from the lack of

validating the existence of an object prior to performing operations on the object. An attacker can leverage this vulnerability to execute code in the context of the current process. Was ZDI-CAN-16643.

CVE-2022-28676 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Foxit - PDF Reader** version **11.2.1.53537**

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                |

## CVE References

| Description                      | Tags                                                                   | Link                                                                  |
|----------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Security Bulletins   Foxit       | <a href="#">www.foxit.com</a><br><a href="#">text/html</a>             | MISC <a href="#">www.foxit.com/support/security-bulletins.html</a>    |
| ZDI-22-767   Zero Day Initiative | <a href="#">www.zerodayinitiative.com</a><br><a href="#">text/html</a> | MISC <a href="#">www.zerodayinitiative.com/advisories/ZDI-22-767/</a> |

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## Related QID Numbers

### 376763 Foxit Reader and Foxit PDF Editor Prior to 11.2.2 Multiple Security Vulnerabilities

## 376801 Foxit PhantomPDF Prior to 10.1.8 Multiple Security Vulnerabilities

## Known Affected Configurations (CPE V2.3)

| Type                                       | Vendor    | Product    | Version | Update | Edition | Language |
|--------------------------------------------|-----------|------------|---------|--------|---------|----------|
| Application                                | Foxit     | Pdf Editor | All     | All    | All     | All      |
| Application                                | Foxit     | Pdf Editor | All     | All    | All     | All      |
| Application                                | Foxit     | Pdf Reader | All     | All    | All     | All      |
| Operating System                           | Microsoft | Windows    | -       | All    | All     | All      |
| cpe:2.3:a:foxit:pdf_editor:*:*:*:*:*.*:    |           |            |         |        |         |          |
| cpe:2.3:a:foxit:pdf_editor:*:*:*:*:*.*:    |           |            |         |        |         |          |
| cpe:2.3:a:foxit:pdf_reader:*:*:*:*:*.*:    |           |            |         |        |         |          |
| cpe:2.3:o:microsoft:windows:-:*:*:*:*:*.*: |           |            |         |        |         |          |

## Discovery Credit

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## Social Mentions

| Source                                                                                         | Title                                                                                                                                                                                                                  | Posted (UTC)        |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport | CVE-2022-28676 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of... <a href="https://twitter.com/i/web/status/1518111111111111111">twitter.com/i/web/status/1...</a> | 2022-07-18 18:53:23 |
|  /r/netcve  | <a href="#">CVE-2022-28676</a>                                                                                                                                                                                         | 2022-07-18 19:39:06 |

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