



# CVE-2016-8877

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## CVE-2016-8877

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)



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

Heap buffer overflow (Out-of-Bounds write) vulnerability in Foxit Reader and PhantomPDF before 8.1 on Windows allows remote attackers to execute arbitrary code via a crafted JPEG2000 image embedded in a PDF document, aka a "corrupted suffix pattern" issue.

CVE-2016-8877 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **HIGH** severity.

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 | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">www.foxitsoftware.com</a><br><a href="#">text/html</a> | <a href="https://www.foxitsoftware.com/support/security-bulletins.php">CONFIRM www.foxitsoftware.com/support/security-bulletins.php</a> |

[No Description Provided](#)[Third Party Advisory](#)[🌐 BID 93608](#)[VDB Entry](#)[cve.report \(archive\)](#)[text/html](#)

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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="#">Phantompdf</a> | All     | All    | All     | All      |
| Application | <a href="#">Foxitsoftware</a> | <a href="#">Reader</a>     | All     | All    | All     | All      |

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

cpe:2.3:a:foxitsoftware:reader:\*:\*:\*:\*:windows:\*:\*:

No vendor comments have been submitted for this CVE

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