

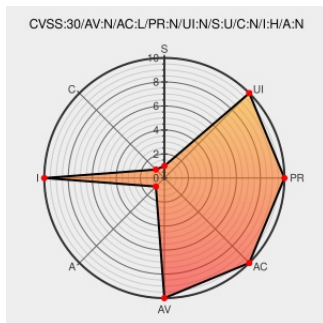


# CVE-2016-10712

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## CVE-2016-10712

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

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

In PHP before 5.5.32, 5.6.x before 5.6.18, and 7.x before 7.0.3, all of the return values of `stream_get_meta_data` can be controlled if the input can be controlled (e.g., during file uploads). For example, a `"$uri = stream_get_meta_data(fopen($file, "r"))["uri"]` call mishandles the case where `$file` is `data:text/plain;uri=eviluri`, -- in other words,

metadata can be set by an attacker.

CVE-2016-10712 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>HIGH</b>         | <b>NONE</b>         |

CVSS2 Score: **5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>PARTIAL</b>    | <b>NONE</b>         |

## CVE References

| Description                                                                                  | Tags                                                      | Link                                                      |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| PHP :: Sec Bug #71323 :: Output of <code>stream_get_meta_data</code> can be falsified by its | <a href="#">Exploit</a><br><a href="#">Issue Tracking</a> | <a href="#">php CONFIRM bugs.php.net/bug.php?id=71323</a> |

input

Patch

Vendor Advisory

bugs.php.net

text/html

USN-3600-1: PHP vulnerabilities | Ubuntu security notices

Third Party Advisory

usn.ubuntu.com

text/html

 UBUNTU USN-3600-1

208.43.231.11 Git - php-src.git/commit

git.php.net

text/xml

 CONFIRM [git.php.net/?p=php-src.git;a=commit;h=6297a117d77fa3a0df2e21ca926a92c231819cd5](https://git.php.net/?p=php-src.git;a=commit;h=6297a117d77fa3a0df2e21ca926a92c231819cd5)

USN-3566-2: PHP vulnerabilities | Ubuntu security notices

usn.ubuntu.com

text/html

 UBUNTU USN-3566-2

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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 |
|-------------------------------------------------------|-----------|--------------|---------|--------|---------|----------|
| Operating System                                      | Canonical | Ubuntu Linux | 14.04   | All    | All     | All      |
| Operating System                                      | Canonical | Ubuntu Linux | 16.04   | All    | All     | All      |
| Operating System                                      | Canonical | Ubuntu Linux | 17.10   | All    | All     | All      |
| Operating System                                      | Canonical | Ubuntu Linux | 14.04   | All    | All     | All      |
| Operating System                                      | Canonical | Ubuntu Linux | 16.04   | All    | All     | All      |
| Operating System                                      | Canonical | Ubuntu Linux | 17.10   | All    | All     | All      |
| Application                                           | Php       | Php          | All     | All    | All     | All      |
| Application                                           | Php       | Php          | All     | All    | All     | All      |
| Application                                           | Php       | Php          | All     | All    | All     | All      |
| cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*: |           |              |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*: |           |              |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:     |           |              |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*: |           |              |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*: |           |              |         |        |         |          |
| cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:     |           |              |         |        |         |          |

|                                   |
|-----------------------------------|
| cpe:2.3:a:php:php:*.*.*.*.*.*.*.* |
| cpe:2.3:a:php:php:*.*.*.*.*.*.*.* |
| cpe:2.3:a:php:php:*.*.*.*.*.*.*.* |

```
cpe:2.3:a:php:php:*.:*:*:*:*:*:
```

cpe:2.3:a:php:php:\*:\*:\*:\*:\*:\*

No vendor comments have been submitted for this CVE

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Next ID→

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