



Home / Advisories / Browsershot 3.57.2 Server Side XSS to LFR via URL

Browsershot 3.57.2 - Server Side XSS to LFR via URL

Summary



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Show detail

Affected versions	Version 3.57.2
State	Public
Release date	2022-10-28

Vulnerability

Kind	Server Side XSS
Rule	425. Server Side XSS
Remote	Yes
CVSSv3 Vector	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
CVSSv3 Base Score	7.5
Exploit available	Yes
CVE ID(s)	CVE-2022-41706

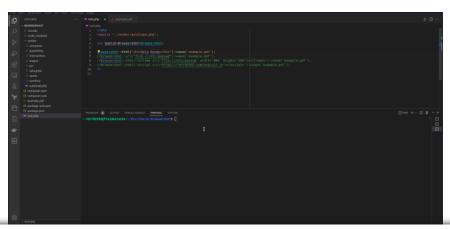
Description

Browsershot version 3.57.2 allows an external attacker to remotely obtain arbitrary local files. This is possible because the application does not validate the URL protocol passed to the <code>Browsershot::url method</code>.

Vulnerability

This vulnerability occurs because the application does not validate the URL protocol passed to the Browsershot::url method. Thanks to this, an attacker can point to internal server files, which will be reflected in the PDF that will be generated.

Exploitation



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Our security policy

We have reserved the CVE-2022-41706 to refer to these issues from now on.

• https://fluidattacks.com/advisories/policy/

System Information

- Version: Browsershot 3.57.2
- Operating System: GNU/Linux

Mitigation

An updated version of Browsershot is available at the vendor page.

Credits

The vulnerability was discovered by Carlos Bello from Fluid Attacks' Offensive Team.

References

Vendor page https://github.com/spatie/browsershot

Release https://github.com/spatie/browsershot/releases/tag/3.57.3

Timeline

- 2022-10-25
 Vulnerability discovered.

 2022-10-25
 Vendor contacted.

 2022-10-25
- vendor replied acknowledging the report.

2022-10-25

Vendor Confirmed the vulnerability.

2022-10-25

Vulnerability patched.

2022-10-28

Public Disclosure.



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