

**NEW** Get Never-Ending Support for Drupal 7 and never miss a critical patch again. →

← [View all Vulnerabilities](#)

**! Patch Available**

This Vulnerability has been fixed in the Never-Ending Support (NES) version offered by HeroDevs.

[View NES Solution →](#)

# CVE-2025-31675

Cross-Site Scripting

Affects [Link](#) in [Drupal 7](#)

Versions `>=7.1.0 <=7.1.12`

## Overview

Drupal is an open-source content management system known for its flexibility, robust features, and strong community support. Organizations of all sizes use it to build and manage dynamic websites and web applications. The [Link module](#) in Drupal core provides secure link construction to the system.

The exploit was also found in versions of the Link module used by Drupal 7.

The fix provided by HeroDevs introduces the `AttributeXss` class, which parses attribute strings into arrays while skipping prohibited attributes and selectively stripping dangerous protocols from URI-like values unless the attribute is safe (e.g., title, class, or data-\*). The `sanitizeAttributes()` method

Vulnerability Details	
SEVERITY	Medium
ID	CVE-2025-31675
PROJECT AFFECTED	Link
VERSIONS AFFECTED	<code>&gt;=7.1.0 &lt;=7.1.12</code>
PUBLISHED DATE	February 2, 2026

processes attribute arrays by reconstructing and filtering each key-value pair, ensuring only safe ones are retained before rendering, thus preventing malicious attributes from reaching the output.

A cross-site scripting (XSS) vulnerability allows attackers to inject malicious scripts into webpages. It often occurs when a site fails to properly validate or sanitize user input, enabling the execution of unauthorized code within a victim's browser. It is included in the OWASP Top Ten list of vulnerabilities, specifically in **the third category of Injection**. A web site compromised in this way may experience:

- Session hijacking
- Data theft
- Malware distribution
- Defacement or phishing, and
- Privilege escalation.

This issue affects all versions of Drupal 7 Link below 7.113 and is patched in Link NES version 7.114.

## Details

### Module Info

- **Product:** Drupal
- **Affected code:** Link module
- **Affected versions:** < 7.113
- **Project page:**  
<https://www.drupal.org/project/drupal>
- **Fixed in:** Link NES 7.114

### Vulnerability Info

This medium-severity vulnerability is found in all versions of the Link module lower than 7.13.

≈ FIX DATE March 18, 2025

FIXED IN [NES for Drupal 7](#)

CATEGORY Cross-Site Scripting

Sign up for the latest vulnerability alerts fixed in NES for Drupal 7



Subscribe via  
RSS

or

**First Name \***

**Last Name \***

**Work Email \***

By clicking "submit" I acknowledge receipt of our [Privacy Policy](#).

Sign Up

The exploit first described in Drupal 10 core ([CVE-2025-31675](#)) is a stored cross-site scripting (XSS) vulnerability affecting the Link field. Insufficient sanitization allows attackers with edit permissions—typically via web services, REST APIs, or custom/contrib modules—to inject malicious attributes into link render arrays. For instance, an attacker could add attributes like `onmouseover="alert('XSS')"` or `style="javascript:alert('XSS')"`, which would be rendered in the HTML output. When a victim views or interacts with the link (e.g., hovering over it), the injected JavaScript executes in their browser context, potentially leading to session hijacking, data theft, or further attacks. This is mitigated if no link fields are used or if the Link module is disabled, and it requires attacker access to modify link attributes, making it moderately critical.

## Steps To Reproduce

1. Install and enable a susceptible version of Link (any version under 7.113).
2. Install and enable the Services and Libraries modules.
3. Go to Structure > Services > Add and create a new endpoint:
  - machine\_name: api
  - server: REST
  - path to endpoint: api
  - do not enable authentication
4. Make no changes to the field formatters.
5. Go to admin/structure/services/list/api/resources, click "Node" then click Save.
6. Verify the endpoint at <http://<your-site>/api>. You should see: "Services Endpoint "api" has been set up successfully."

7. Add a link field to the Article type:

/admin/structure/types/manage/article/fields

8. Check Bypass Content Access Control for Node for the Anonymous user at admin/people/permissions/1.

9. Send a POST request to `http://<your-site>/api/node` to create a node with a malicious `onmouseover` attribute in the Link field. Be sure to replace `<your-site>` below.

```
curl -X POST \  
  -H "Content-Type: application/json" \  
  -d '{  
    "title": "XSS Test",  
    "type": "article",  
    "field_link": {  
      "und": [{  
        "url": "http://example.com",  
        "title": "Click me",  
        "attributes": {  
          "onmouseover": "alert(\"XSS\")"  
        }  
      }]  
    }  
  }' \  
  https://<your-site>/api/node
```

The result will be:

```
<result><nid>1</nid><uri>https://<your-site>/api/node/1</uri></result>
```

10. Visit the new node at `/node/1` and hover over the link. Observe the dialog box appear.

## Addressing The Issue

Users of the affected component(s) should address this exploit in one of the following ways:

- Ensure only trusted users have access to APIs or the database through which a malicious link can be added.



- Sign up for post-EOL security support; HeroDevs customers get immediate access to a patched version of this module.

## Credits

- Samuel Mortenson ([samuel.mortenson](#))

## Additional Resources

- This exploit was first found in later versions of Drupal:  
Drupal core - Moderately critical - Cross Site Scripting - SA-CORE-2025-004  
<https://www.drupal.org/SA-CORE-2025-004>
- NIST CVE  
<https://nvd.nist.gov/vuln/detail/CVE-2025-31675>

<p>Previous</p> <p>&lt;  CVE-2026-0748</p>	<p>Next</p> <p> CVE-2026-1556 &gt;</p>
-------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Never-Ending Support

View All Products

Resources

Vulnerability Directory

Drop-in replacements for deprecated open source software that keeps you secure, compliant, and compatible.

Get a Custom Quote

EOL Dataset

Blog

OSS

Sustainability Fund

Shows

Case Studies

Webinars

Whitepapers

Ebooks

NES

Documentation

What is EOL Security?

### JavaScript

AngularJS

jQuery

Angular

Knockout.js

Node.js

Lodash

Bootstrap

NestJS

Vue 2

Next.js

ESLint

Nuxt

Express

Protractor

Fastify

Vuetify

Grunt

### Java

Spring

Struts

Apache

Grails

Apache

Solr &

Lucene

Apache

Tapestry

Apache

Tomcat

CometD

Hibernate

Jetty

### Python

Django

NumPy

### Databases

PostgreSQL

### Other

.NET

PHP

Drupal

Ruby on

Rails



HeroDevs gives engineering companies and security teams the only platform built to manage the risk from using unsupported, end-of-life open source.



### Company

About Us

Contact

We are Hiring!

HeroDevs

Partner Program

Branding

### Solutions

Financial Services

Technology

IT Security Managers

Software Development Managers

Healthcare

Government

Engineering Leaders

Compliance-Focused



+1 877-586-1965



hello@herodevs.com



8850 S 700 E #2437 Sandy,  
UT 84070

Legal

Decision-  
Makers

© 2026 herodevs.com | All Rights  
Reserved