

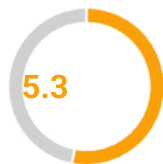


Have you found a vulnerability in a WordPress plugin or theme? Report vulnerabilities in WordPress plugins and themes through our [bug bounty program](#) and earn a bounty on all in-scope submissions, while we handle the responsible disclosure process on your behalf.

As a reminder, the Wordfence Intelligence Vulnerability Database API is completely free to query and utilize, both personally and commercially, and contains all the same vulnerability data as the user interface. Please review the API [documentation](#) and Webhook [documentation](#) for more information on how to query the vulnerability API endpoints and configure webhooks utilizing all the same data present in the Wordfence Intelligence user interface.

WordPress Simple PayPal Shopping Cart <= 5.1.3 - Insecure Direct Object Reference via 'quantity'

[Wordfence Intelligence](#) > [Vulnerability Database](#) > WordPress Simple PayPal Shopping Cart <= 5.1.3 - Insecure Direct Object Reference via 'quantity'



Authorization Bypass Through User-Controlled Key
[CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N](#)

CVE	CVE-2025-3889
CVSS	5.3 (Medium)
Publicly Published	April 30, 2025
Last Updated	May 1, 2025
Researcher	Jack Taylor

Description

The WordPress Simple Shopping Cart plugin for WordPress is vulnerable to Insecure Direct Object Reference in all versions up to, and including, 5.1.3 via the 'process_payment_data' due to missing validation on a user controlled key. This makes it possible for unauthenticated attackers to change the quantity of a product to a negative number, which subtracts the product cost from the total order cost. The attack will only work with Manual Checkout mode, as PayPal and Stripe will not process payments for a negative quantity.

References

- [plugins.trac.wordpress.org](#)
- [www.tipsandtricks-hq.com](#)
- [www.tipsandtricks-hq.com](#)
- [plugins.trac.wordpress.org](#)

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Vulnerability Details for WordPress Simple Shopping Cart



[WordPress Simple Shopping Cart](#)

Software Type	Plugin
Software Slug	wordpress-simple-paypal-shopping-cart (view on wordpress.org)
Patched?	✓ Yes
Remediation	Update to version 5.1.4, or a newer patched version

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Have information to add, or spot any errors? Contact us at wfi-support@wordfence.com so we can make any appropriate adjustments.

Did you know Wordfence Intelligence provides free personal and commercial API access to our comprehensive WordPress vulnerability database, along with a free webhook integration to stay on top of the latest vulnerabilities added and updated in the database? Get started today!

[LEARN MORE](#)

Want to get notified of the latest vulnerabilities that may affect your WordPress site? Install Wordfence on your site today to get notified immediately if your site is affected by a vulnerability that has been added to our database.

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The Wordfence Intelligence WordPress vulnerability database is completely free to access and query via API. Please review the documentation on how to access and consume the vulnerability data via API.

[DOCUMENTATION](#)

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