



# BadgeOS <= 3.7.1.6 - Authenticated (Subscriber+) Insecure Direct Object Reference to Arbitrary Post Deletion

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-2173
<b>State</b>	PUBLISHED
<b>Assigner</b>	Wordfence
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-08-31 06:15:08 UTC
<b>Updated</b>	2026-04-08 19:18:12 UTC
<b>Description</b>	The BadgeOS plugin for WordPress is vulnerable to Insecure Direct Object Reference in versions up to, and including, 3.7.

## Risk And Classification

**Primary CVSS:** v3.1 4.3 MEDIUM from nvd@nist.gov

**CVSS:** 3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:L/A:N

**EPSS:** 0.000950000 probability, percentile 0.264670000 (date 2026-04-09)

**Problem Types:** CWE-639 | CWE-639 CWE-639 Authorization Bypass Through User-Controlled Key

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	4.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:L/A:N
3.1	security@wordfence.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:H/A:N
3.1	CNA	DECLARED	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:H/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:L/A:N

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Badgeos	Badgeos	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Learningtimes	BadgeOS	affected 3.7.1.6 semver	Not specified

### References

Reference	Source
403 Forbidden	af854a3a-2127-422b-91ae-4
403 Forbidden	af854a3a-2127-422b-91ae-4
BadgeOS <= 3.7.1.6 - Authenticated (Subscriber+) Insecure Direct Object Reference to Arbitrary Post Deletion	af854a3a-2127-422b-91ae-4
403 Forbidden	af854a3a-2127-422b-91ae-4
403 Forbidden	af854a3a-2127-422b-91ae-4
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

### Vendor Comments And Credit

Discovery Credit

**CNA:** Alex Thomas (en)

### Additional Advisory Data

Source	Time	Event
CNA	2023-04-17T00:00:00.000Z	Discovered
CNA	2023-05-02T00:00:00.000Z	Vendor Notified
CNA	2023-07-05T00:00:00.000Z	Disclosed

There are currently no legacy QID mappings associated with this CVE.

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