



CVE-2017-9226

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2017-9226
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-24 15:29:00 UTC
Updated	2022-07-20 16:38:00 UTC
Description	An issue was discovered in Oniguruma 6.2.0, as used in Oniguruma-mod in Ruby through 2.4.1 and mbstring in PHP through 5.6.40. The issue is a memory corruption vulnerability that can be exploited to cause a denial of service or execute arbitrary code. The issue is caused by a buffer overflow in the mbstring extension when processing a string with a large number of multi-byte characters. The issue is caused by a buffer overflow in the mbstring extension when processing a string with a large number of multi-byte characters. The issue is caused by a buffer overflow in the mbstring extension when processing a string with a large number of multi-byte characters.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oniguruma Project	Oniguruma	6.2.0	All	All	All
Application	Oniguruma Project	Oniguruma	6.2.0	All	All	All
Application	Php	Php	All	All	All	All
Application	Php	Php	All	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All

References

Reference	Source	Link
Oniguruma Multiple Memory Corruption Vulnerabilities	BID	www.securityfocus.com
fix #55 : Byte value expressed in octal must be smaller than 256 · kkos/oniguruma@f015fbd · GitHub	CONFIRM	github.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Heap corruption in next_state_val() in 15 encodings · Issue #55 · kkos/oniguruma · GitHub	CONFIRM	github.com
fix #55 : check too big code point value for single byte value in nex... · kkos/oniguruma@b4bf968 · GitHub	CONFIRM	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[356443](#) Amazon Linux Security Advisory for oniguruma : ALAS2-2023-2311

[356983](#) Amazon Linux Security Advisory for oniguruma : AL2012-2023-467

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