



# CVE-2017-9227

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## Summary

<b>CVE</b>	CVE-2017-9227
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-05-24 15:29:00 UTC
<b>Updated</b>	2022-07-20 16:34:00 UTC
<b>Description</b>	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 7.0.33. The issue is a buffer overflow in the mbstring extension, which can be triggered by a crafted string. This issue affects the mbstring extension in PHP versions 7.0.33 and earlier, and the Oniguruma library in versions 6.2.0 and earlier. The issue is a buffer overflow in the mbstring extension, which can be triggered by a crafted string. This issue affects the mbstring extension in PHP versions 7.0.33 and earlier, and the Oniguruma library in versions 6.2.0 and earlier.

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Oniguruma Project</a>	<a href="#">Oniguruma</a>	6.2.0	All	All	All
Application	<a href="#">Oniguruma Project</a>	<a href="#">Oniguruma</a>	6.2.0	All	All	All
Application	<a href="#">Php</a>	<a href="#">Php</a>	All	All	All	All
Application	<a href="#">Php</a>	<a href="#">Php</a>	All	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Oniguruma CVE-2017-9227 Out of Bounds Read Memory Corruption Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Bug in mbc_enc_len · Issue #58 · kkos/oniguruma · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Exploit,
Red Hat Customer Portal	REDHAT	<a href="https://access.redhat.com">access.redhat.com</a>	
fix #58 : access to invalid address by reg->dmin value · kkos/oniguruma@9690d3a · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Patch, T
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonic

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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