



# CVE-2019-16728

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2019-16728
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-09-24 05:15:00 UTC
<b>Updated</b>	2020-11-10 19:39:00 UTC
<b>Description</b>	DOMPurify before 2.0.1 allows XSS because of innerHTML mutation XSS (mXSS) for an SVG element or a MATH element

## Risk And Classification

**Problem Types:** CWE-79

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Cure53</a>	<a href="#">Dompurify</a>	All	All	All	All
Application	<a href="#">Cure53</a>	<a href="#">Dompurify</a>	All	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All

## References

Reference	Source	Link	Tags
Write-up of DOMPurify 2.0.0 bypass using mutation XSS - research.securitum.com	MISC	<a href="https://research.securitum.com">research.securitum.com</a>	Exploit, Third Pa
[SECURITY] [DLA 2419-1] dompurify.js security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	Mailing List, Thir
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[983069](#) Nodejs (npm) Security Update for dompurify (GHSA-chqj-j4fh-rw7m)

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