



Npm-serialize-javascript: cross-site scripting (xss) in serialize-javascript

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

Summary

CVE	CVE-2024-11831
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-10 16:15:37 UTC
Updated	2026-04-17 02:16:03 UTC
Description	A flaw was found in npm-serialize-javascript. The vulnerability occurs because the serialize-javascript module does not prop

Risk And Classification

Primary CVSS: v3.1 5.4 MEDIUM from secalert@redhat.com

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

Problem Types: CWE-79 | CWE-79 Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	5.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N
3.1	CNA	CVSS	5.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Changed

Confidentiality

Low

Integrity

Low

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Red Hat	Red Hat Advanced Cluster Security 4.4	unaffected 4.4.8-2 * rpm
CNA	Red Hat	Red Hat Advanced Cluster Security 4.5	unaffected 4.5.6-2 * rpm
CNA	Red Hat	Red Hat Ceph Storage 7.1	unaffected 2:18.2.1-381.el8cp * rpm
CNA	Red Hat	Red Hat Ceph Storage 8.1	unaffected 2:19.2.1-292.el9cp * rpm
CNA	Red Hat	Red Hat Ceph Storage 9.0	unaffected 2:20.1.0-144.el10cp * rpm
CNA	Red Hat	Red Hat Enterprise Linux 8	unaffected 0:8.0.112-1.el8_10 * rpm
CNA	Red Hat	Red Hat Enterprise Linux 9	unaffected 0:8.0.112-1.el9_5 * rpm
CNA	Red Hat	RHODF-4.14-RHEL-9	unaffected v4.14.18-2 * rpm
CNA	Red Hat	RHODF-4.14-RHEL-9	unaffected v4.14.18-3 * rpm
CNA	Red Hat	RHODF-4.14-RHEL-9	unaffected v4.14.18-2 * rpm
CNA	Red Hat	RHODF-4.15-RHEL-9	unaffected v4.15.14-2 * rpm
CNA	Red Hat	RHODF-4.15-RHEL-9	unaffected v4.15.14-2 * rpm
CNA	Red Hat	RHODF-4.15-RHEL-9	unaffected v4.15.14-2 * rpm
CNA	Red Hat	RHODF-4.16-RHEL-9	unaffected v4.16.10-4 * rpm
CNA	Red Hat	RHODF-4.16-RHEL-9	unaffected v4.16.10-4 * rpm
CNA	Red Hat	RHODF-4.16-RHEL-9	unaffected v4.16.10-3 * rpm
CNA	Red Hat	RHODF-4.17-RHEL-9	unaffected v4.17.7-2 * rpm
CNA	Red Hat	RHODF-4.17-RHEL-9	unaffected v4.17.7-2 * rpm
CNA	Red Hat	RHODF-4.17-RHEL-9	unaffected v4.17.7-2 * rpm
CNA	Red Hat	RHODF-4.18-RHEL-9	unaffected v4.18.2-8 * rpm
CNA	Red Hat	RHODF-4.18-RHEL-9	unaffected v4.18.2-7 * rpm
CNA	Red Hat	RHODF-4.18-RHEL-9	unaffected v4.18.2-8 * rpm
CNA	Red Hat	Red Hat Ceph Storage 8	unaffected sha256:5a97e827c48732775a76e2fe25860
CNA	Red Hat	Red Hat Ceph Storage 9	unaffected sha256:3e0b13addd3593d8802f1d55e878f
CNA	Red Hat	Red Hat OpenShift Pipelines 1.14.6	unaffected sha256:84f36fbadbbbaa4a174850994a6b
CNA	Red Hat	Red Hat OpenShift Pipelines 1.15	unaffected sha256:3b11a142e5018e047c185199f1570
CNA	Red Hat	Red Hat OpenShift Pipelines 1.15	unaffected sha256:43fbd1ff1fcab53e5d4fde5daafa467
CNA	Red Hat	Red Hat OpenShift Pipelines 1.16	unaffected sha256:15b283d200e626cc945bd5bfb71b6

CNA	Red Hat	Red Hat OpenShift Pipelines 1.16	unaffected sha256:3fc1b957039ba40b8d5353cd624b9
CNA	Red Hat	Red Hat OpenShift Pipelines 1.17	unaffected sha256:43f914efbabff71cd7f5dad186b461f
CNA	Red Hat	Red Hat OpenShift Pipelines 1.17	unaffected sha256:31ed62e58c9d12bff8cd88a881eda
CNA	Red Hat	Red Hat OpenShift Pipelines 1.18.0	unaffected sha256:7a71e590bb448f9f6c9f1e8f8ad039
CNA	Red Hat	Red Hat OpenShift Pipelines 1.19	unaffected sha256:31eeeab213a1b603ab8c3f8253cd1
CNA	Red Hat	Cryostat 3	Not specified
CNA	Red Hat	Logging Subsystem For Red Hat OpenShift	Not specified
CNA	Red Hat	Migration Toolkit For Virtualization	Not specified
CNA	Red Hat	.NET 6.0 On Red Hat Enterprise Linux	Not specified
CNA	Red Hat	OpenShift Lightspeed	Not specified
CNA	Red Hat	OpenShift Pipelines	Not specified
CNA	Red Hat	OpenShift Pipelines	Not specified
CNA	Red Hat	OpenShift Pipelines	Not specified
CNA	Red Hat	OpenShift Serverless	Not specified
CNA	Red Hat	OpenShift Service Mesh 2	Not specified
CNA	Red Hat	OpenShift Service Mesh 2	Not specified
CNA	Red Hat	Red Hat 3scale API Management Platform 2	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Management For Kubernetes 2	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Security 4	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Security 4	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Security 4	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Security 4	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Security 4	Not specified
CNA	Red Hat	Red Hat Ansible Automation Platform 2	Not specified
CNA	Red Hat	Red Hat Ansible Automation Platform 2	Not specified
CNA	Red Hat	Red Hat Ansible Automation Platform 2	Not specified
CNA	Red Hat	Red Hat Ansible Automation Platform 2	Not specified
CNA	Red Hat	Red Hat Ansible Automation Platform 2	Not specified
CNA	Red Hat	Red Hat Build Of Apache Camel - Hawtio 4	Not specified
CNA	Red Hat	Red Hat Build Of Apicurio Registry 2	Not specified
CNA	Red Hat	Red Hat Build Of OptaPlanner 8	Not specified
CNA	Red Hat	Red Hat Ceph Storage 7	Not specified
CNA	Red Hat	Red Hat Ceph Storage 7	Not specified
CNA	Red Hat	Red Hat Ceph Storage 7	Not specified
CNA	Red Hat	Red Hat Ceph Storage 8	Not specified
CNA	Red Hat	Red Hat Ceph Storage 8	Not specified

CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat OpenShift Distributed Tracing 3	Not specified
CNA	Red Hat	Red Hat Process Automation 7	Not specified
CNA	Red Hat	Red Hat Quay 3	Not specified
CNA	Red Hat	Red Hat Satellite 6	Not specified
CNA	Red Hat	Red Hat Satellite 6	Not specified
CNA	Red Hat	Red Hat Single Sign-On 7	Not specified
CNA	Red Hat	Red Hat Trusted Profile Analyzer	Not specified

References

Reference	Source	Link	Tags
github.com/yahoo/serialize-javascript/commit/f27d65d3de42affe2aac1460706...	secalert@redhat.com	github.com	
access.redhat.com/errata/RHSA-2025:8479	secalert@redhat.com	access.redhat.com	
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	
access.redhat.com/errata/RHBA-2025:0304	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:21068	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2026:2769	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2026:1536	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8078	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:4511	secalert@redhat.com	access.redhat.com	
github.com/yahoo/serialize-javascript/pull/173	secalert@redhat.com	github.com	
access.redhat.com/errata/RHSA-2025:1468	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:1334	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8551	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2026:8568	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8544	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8059	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8512	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:21203	secalert@redhat.com	access.redhat.com	
access.redhat.com/security/cve/CVE-2024-11831	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:0381	secalert@redhat.com	access.redhat.com	

access.redhat.com/errata/RHSA-2025:3870	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:8233	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:9294	secalert@redhat.com	access.redhat.com	
access.redhat.com/errata/RHSA-2025:10853	secalert@redhat.com	access.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, an

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
CNA	2024-09-16T16:43:32.021Z	Reported to Red Hat.
CNA	2024-09-16T00:00:00.000Z	Made public.

Workarounds

CNA: Mitigation for this issue is either not available or the currently available options do not meet the Red Hat Product Security criteria comprising ease of use and deployment, applicability to widespread installation base or stability.

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

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