



ZABBIX BUGS AND ISSUES / ZBX-27638

Insufficient isolation of JavaScript (Duktape) execution context on Zabbix Server (CVE-2026-23919)

Details

Type:	Defect (Security)	Resolution:	Fixed
Priority:	Major	Fix Version/s:	None
Affects Version/s:	None		
Component/s:	Proxy (P) , Server (S)		
Labels:	None		

Description

CVE ID	CVE-2026-23919
CVSS score	7.1 (High)
CVSS vector	CVSS:4.0/AV:A/AC:L/AT:P/PR:H/UI:N/VC:H/VI:L/LVA:L/SC:H/SI:L/SA:L
Affected components	Server, Proxy
Summary	Insufficient isolation of JavaScript (Duktape) execution context on Zabbix Server
Description	For performance reasons Zabbix Server/Proxy reuses JavaScript (Duktape) contexts (used in script items, JavaScript preprocessing, Webhooks). This can lead to confidentiality loss where a regular (non-super) Zabbix administrator leaks data for hosts they do not have access to. A fix has been released that makes the built in Zabbix JavaScript objects read-only, but please be advised that usage of global JavaScript variables is not recommended because their content could be leaked. More information Zabbix documentation .
Known attack vectors	A regular Zabbix administrator (non-super) can overwrite some built in JavaScript functions that are then executed for other objects. Alternatively, a regular Zabbix administrator can read global JavaScript variables.
Affected and fix version/s	Affected: 6.0.0 - 6.0.41 → Fixed: 6.0.42 Affected: 7.0.0 - 7.0.18 → Fixed: 7.0.19 Affected: 7.2.0 - 7.2.12 → Fixed: 7.2.13 Affected: 7.4.0 - 7.4.2 → Fixed: 7.4.3
Mitigation	Update the affected components to their respective fixed versions. Make sure JavaScript item preprocessing scripts don't store secret data in global variables.
Workarounds	-
Acknowledgements	Zabbix wants to thank Yerdan (big_john) for submitting this report on the HackerOne bug bounty platform.

Activity

People

- Assignee:
- Zabbix Support Team
- Reporter:
- Janis Nulle
- Votes:
- Vote for this issue
- Watchers:
- Start watching this issue

Dates

Created:

2026 Mar 24 18:56

Updated:

1 hour ago

Resolved:

2026 Mar 24 18:59