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Security Bulletin

Critical vulnerability in Elastic Kibana

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TLP:CLEAR

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List of changes

Version	Date	Description
0.1	2025/03/19	Initial Eviden version
2.2	2025/10/31	Minor changes in affected product table. Added fix version. TLP changed for CLEAR. First Remediation version

Executive summary

Elastic has released a security update to address a critical vulnerability in Kibana, its popular data visualization and exploration platform. The vulnerability could allow attackers to execute arbitrary code on vulnerable systems.

The vulnerability stems from a prototype pollution issue that can be exploited through a crafted file upload and specially crafted HTTP requests. “Prototype pollution in Kibana leads to arbitrary code execution via a crafted file upload and specifically crafted HTTP requests,” the advisory states.

Vulnerability Info

CVE No.	CVSS Score	Type of Vulnerability
CVE-2025-25015	9.9	CWE-1321 Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution')

Eviden is investigating the exact nature of these vulnerabilities to provide validated remediation.

Affected components

Components	Fixed version	Status	Comments
Kibana	8.17.3	Fixed	

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TBD (to be defined) indicates that a new version fixing the vulnerabilities is under study.

Unpatched means that the vulnerability is presumably present, but there is no plan to provide a fix. This can be investigated on demand.

List of HPC Management products

Products	Fixed version	Status	Comment
SMC xScale	2.1	Fixed	Affected version: 2.0

Recommendations

Eviden recommends applying its Technical States upgrade on its servers as soon as they are made available.

Available Vendor Patches

Elastic informed that users should upgrade to Kibana version 8.17.3.

For users that cannot upgrade:

Set `xpack.integration_assistant.enabled: false` in Kibana's configuration.

Available Workarounds

No workaround is available.

Available Mitigations

No mitigation identified.

Available Exploits/PoC

Eviden is not aware of any exploitation of the reported vulnerabilities.

References

1. https://discuss.elastic.co/t/kibana-8-17-3-security-update-esa-2025-06/375441
2.

Glossary of terms

Term	Description
Mitigation	Refers to a setting, common configuration, or general best-practice, existing in a default state that could reduce the severity of exploitation of a vulnerability
Neutralization	The neutralization phase is the decision-making process during which the risk posed by an incident is evaluated.
PoC	Proof of Concept
Remediation	The remediation phase ends with the delivering of a qualified solution/update fixing the vulnerability without regression.
TI	Threat Intelligence
TLP	Traffic Light Protocol (TLP) FIRST Standards Definitions and Usage Guidance — Version 2.0. https://www.first.org/tlp/
Workaround	Refers to a setting or configuration change that does not correct the underlying vulnerability but would help block known attack vectors before you apply the update

About this document

Eviden continuously monitors the security of its products. This Security Bulletin is shared under the constraints of the FIRST Traffic Light Protocol version 2.0 (TLP) to bring the attention of owners of the potentially affected Eviden products. Eviden recommends that all product owners determine whether the described situation is applicable to their individual case and take appropriate action.

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- Neutralization security bulletins are numbered 0.x
- Privately disclosed Remediation security bulletins are numbered 1.x
- Publicly disclosed Remediation security bulletins are numbered 2.x

Updated versions of this document can be found on:

- https://support.bull.com/ols/product/security/psirt

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