

Security Bulletin

Vulnerability in Spring Boot Loader

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TLP:CLEAR

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List of changes

| Version | Date | Description |
|---------|------------|---|
| 0.1 | 2025/01/23 | Initial Eviden version |
| 2.2 | 2025/02/17 | Changed TLP for CLEAR, status for Remediation |

Executive summary

Applications that use spring-boot-loader or spring-boot-loader-classic and contain custom code that performs signature verification of nested jar files may be vulnerable to signature forgery where content that appears to have been signed by one signer has, in fact, been signed by another.

Vulnerability Info

| CVE No. | CVSS Score | Type of Vulnerability |
|--------------------------------|------------|-------------------------------------|
| CVE-2024-38807 | 6.3 | AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:N |

Eviden is liaising closely with its suppliers and investigating the exact nature of these vulnerabilities to provide validated remediation.

Affected products

| Products | Fixed version | Status | Comments |
|--------------------|---------------|--------|----------|
| Spring Boot Loader | 3.3.3 | 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 |
|-----------|--------------------|--------|------------------------------------|
| SEMS_4.11 | bird-backend 2.3.7 | Fixed | Old versions will remain unpatched |
| SDMS_5.2 | bird-backend 2.3.7 | Fixed | Old versions will remain unpatched |
| SMC_1.9 | bird-backend 2.3.7 | Fixed | Old versions will remain unpatched |
| SEMS_4.10 | bird-backend 2.3.7 | Fixed | Old versions will remain unpatched |
| IBMS_6.10 | bird-backend 2.3.7 | Fixed | Old versions will remain unpatched |

Recommendations

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

Available Vendor Patches

No validated patch is available at the time. Eviden is working with its suppliers to distribute updates as soon as possible.

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://spring.io/security/cve-2024-38807>
2. <https://security.netapp.com/advisory/ntap-20250117-0006/>

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 |

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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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