Security Bulletin

Backdoor discovered in XZ

Author(s)	:	**Eviden PSIRT**
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TLP:CLEAR

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List of changes

Version	Date	Description
0.1	2024/03/31	Initial Eviden bulletin
0.2	2024/05/03	Fixing typo on liblzma. Closing the case.

Executive summary

Eviden is aware of the backdoor discovered in some recent versions of the compression tools XZ. After verification, Eviden products are not affected by this vulnerability.

Eviden is liaising closely with its suppliers and will monitor the case for further potential developments.

Vulnerability Info

CVE No.	CVSS Score	Type of Vulnerability
CVE-2024-3094	10	Embedded malicious code

Affected products

Products	Fixed version	Status	Comments
xz, xz-libs, liblzma	TBD	Affected	Versions 5.6.x of xz were found trapped.

Although Eviden tries to provide accurate and complete information, Eviden shall not be liable if the above table is incomplete or erroneous. During its vulnerability analysis process, the information in this document is subject to change without notice to reflect new results of this analysis.

Recommendations

No specific action is required for Eviden products. Eviden recommends applying its Technical States upgrade on its servers as soon as they are made available.

Available Vendor Patches

Affected Linux distributions are actively proposing patches to this critical vulnerability. Red Hat Enterprise Linux is not affected.

Technical States links for Eviden servers are reminded in the table below.

Product	Technical State link
Bull Sequana S	https://support.bull.com/ols/product/platforms/bullion/bullsequana-s/dl/pkgf/technical-state-dvd-packages

Bull Sequana SA	https://support.bull.com/ols/product/platforms/bullion/bullsequana-sa-servers/dl/pkgf/pkg
Bull Sequana SH	https://support.bull.com/ols/product/platforms/bullion/bullsequana-sh/dl/pkgf/pkg
Bull Sequana E	https://support.bull.com/ols/product/platforms/bullion/bullsequana-edge-servers/dl/pkgf/pkgf
Bull Sequana X1000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x1000/dl/pkgf/pkg
Bull Sequana XH2000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/xh2000/dl/pkgf/pkg
Bull Sequana XH3000	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/xh3000/dl/pkgf/pkg
Bull Sequana X400-E5	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400e5
Bull Sequana X400-E7	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400e7
Bull Sequana X400-A5	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400a5
Bull Sequana X400-A6	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x400/dl/pkgf/pkgx400a6
Bull Sequana X550	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x550
Bull Sequana X800 / QLM	https://support.bull.com/ols/product/platforms/hw-extremcomp/sequana/x800/dl/pkgf/pkg

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://www.openwall.com/lists/oss-security/2024/03/29/4
2. https://nvd.nist.gov/vuln/detail/CVE-2024-3094
3. https://access.redhat.com/security/cve/CVE-2024-3094
4. https://securityonline.info/cve-2024-3094-cvss-10-backdoor-flaw-discovered-in-popular-linux-compression-tool/

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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PSIRT**

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