Product Security Advisory: WIBU-103081

Sharing rules

TLP:CLEAR
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Vulnerability Title

Local Privilege Escalation in CodeMeter Runtime on Windows

Affected Products

Affected Products	Fixed Products
CodeMeter Runtime 8.x versions 8.40 - 8.41 CodeMeter Runtime 9.x versions < 9.10	CodeMeter Runtime 8.x versions >= 8.41a CodeMeter Runtime 9.x versions >= 9.10

Vulnerability Details

Highest CVSSv3.1 Base Score	7.8
CVSSv3.1 Vector(s)	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
Highest Severity	High

Vulnerabilities

Local Privilege Escalation in CodeMeter Runtime on Windows (CVE-2026-81572)

Description

`cmu.exe --create-io --file C:` creates a predictable temporary file under `C:\CM-Stick`. The directory and file paths are not properly checked for NTFS reparse points, such as junctions or symbolic links, before file operations are performed. A local attacker can create a junction at the temporary file that points to an arbitrary system path. Because CodeMeter Runtime runs with System privileges, this could allow arbitrary files to be deleted with System privileges and potentially enable local privilege escalation.

CWE: CWE-59:Improper Link Resolution Before File Access ('Link Following')

Product status

Known affected

Product	CVSS-Vector	CVSS Base Score
CodeMeter Runtime 8.x versions 8.40 - 8.41	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H	7.8
CodeMeter Runtime 9.x versions < 9.10	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H	7.8

Fixed

- CodeMeter Runtime 8.x versions >= 8.41a
- CodeMeter Runtime 9.x versions >= 9.10

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References

- Blog post by Shelltrail AB: https://shelltrail.com/research/local-privilege-escalation-to-system-in-wibu-systems-codemeter-application

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1.1.0	2026-08-25T09:00:00.000Z	First public version
1.1.1	2026-08-27T12:00:00.000Z	Added CVE-IDs

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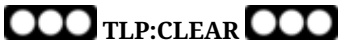
Sharing rules



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