



# CVE-2021-4326

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## CVE-2021-4326

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Zowe](#) from [Linuxfoundation](#) contain the following vulnerability:

A vulnerability in Imperative framework which allows already-privileged local actors to execute arbitrary shell commands via plugin install/update commands, or maliciously formed environment variables. Impacts Zowe CLI.

CVE-2021-4326 has been assigned by [zowe-security@lists.openmainframeproject.org](mailto:zowe-security@lists.openmainframeproject.org) to track the vulnerability - currently rated as **HIGH** severity.

There are no known exploits of this issue.

Affected Vendor/Software: [Open Mainframe Project](#) - **Zowe** version < 1.28.2

Affected Vendor/Software: [Open Mainframe Project](#) - **Zowe** version < 2.5.0

CVSS3 Score: **7.8 - HIGH**

| Attack Vector | Attack Complexity      | Privileges Required | User Interaction    |
|---------------|------------------------|---------------------|---------------------|
| LOCAL         | LOW                    | LOW                 | NONE                |
| Scope         | Confidentiality Impact | Integrity Impact    | Availability Impact |
| UNCHANGED     | HIGH                   | HIGH                | HIGH                |

## CVE References

| Description                                        | Tags                                                    | Link                                             |
|----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|
| GitHub - zowe/imperative: Imperative CLI Framework | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/zowe/imperative/</a> |

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There are currently no QIDs associated with this CVE

#### Known Affected Configurations (CPE V2.3)

| Type                                   | Vendor                          | Product              | Version | Update | Edition | Language |
|----------------------------------------|---------------------------------|----------------------|---------|--------|---------|----------|
| Application                            | <a href="#">Linuxfoundation</a> | <a href="#">Zowe</a> | All     | All    | All     | All      |
| cpe:2.3:a:linuxfoundation:zowe:*****:* |                                 |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

#### Social Mentions

| Source                                                                                                 | Title                                                                                                                                                                | Posted (UTC)        |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @MigoKed              | New on SentinelLabs! A unique discovery by @maxploit - a vulnerability in a Linux Kernel TIPC module (CVE-2021-4326... <a href="#">twitter.com/i/web/status/1...</a> | 2021-11-04 11:57:22 |
|  @pleyades_it          | Investigador de #ciberseguridad descubre una #vulnerabilidad crítica de ejecución remota de código (CVE-2021-4326... <a href="#">twitter.com/i/web/status/1...</a>   | 2021-11-04 19:27:06 |
|  @CVEreport            | CVE-2021-4326 : A vulnerability in Imperative framework which allows already-privileged local actors to execute arb... <a href="#">twitter.com/i/web/status/1...</a> | 2023-03-01 08:07:56 |
|  /r/AJsBotPlayground | <a href="#">[HIGH] CVE Report on March 10, 2023 12:14</a>                                                                                                            | 2023-03-10 12:14:47 |
|  /r/AJsBotPlayground | <a href="#">[HIGH] CVE Report on March 10, 2023 11:59</a>                                                                                                            | 2023-03-10 11:59:24 |

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