



CVE-2021-3510

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2021-3510 |
| State | PUBLIC |
| Assigner | vulnerabilities@zephyrproject.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-10-05 21:15:00 UTC |
| Updated | 2021-10-14 13:23:00 UTC |
| Description | Zephyr JSON decoder incorrectly decodes array of array. Zephyr versions >= >1.14.0, >= >2.5.0 contain Attempt to Access |

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------------|------------------------|---------|--------|---------|----------|
| Operating System | Zephyrproject | Zephyr | 1.14.0 | - | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.0 | rc1 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.0 | rc2 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.0 | rc3 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.1 | - | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.1 | rc1 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.1 | rc2 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.1 | rc3 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.2 | All | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.3 | rc1 | All | All |
| Operating System | Zephyrproject | Zephyr | 1.14.3 | rc2 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.0 | - | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.0 | rc1 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.0 | rc2 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.0 | rc3 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.0 | rc4 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.5.1 | rc1 | All | All |

| | | | | | | |
|------------------|-------------------------------|------------------------|-------|-----|-----|-----|
| Operating System | Zephyrproject | Zephyr | 2.6.0 | - | All | All |
| Operating System | Zephyrproject | Zephyr | 2.6.0 | rc1 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.6.0 | rc2 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.6.0 | rc3 | All | All |
| Operating System | Zephyrproject | Zephyr | 2.6.1 | rc1 | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|------------------------------|-------|
| Zephyr JSON decoder incorrectly decodes array of array · Advisory · zephyrproject-rtos/zephyr · GitHub | MISC | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canon |
| NVD vulnerability detail | NVD | nvd.nist.gov | canon |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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