



# CVE-2023-33595

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

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2023-33595                                                                                                            |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | cve@mitre.org                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2023-06-07 20:15:00 UTC                                                                                                   |
| <b>Updated</b>         | 2023-06-15 14:58:00 UTC                                                                                                   |
| <b>Description</b>     | CPython v3.12.0 alpha 7 was discovered to contain a heap use-after-free via the function ascii_decode at /Objects/unicode |

## Risk And Classification

### Problem Types: CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update  | Edition | Language |
|-------------|--------|---------|---------|---------|---------|----------|
| Application | Python | Cpython | 3.12.0  | alpha_7 | All     | All      |

## References

| Reference                                                                                                             | Source  | Link                         |
|-----------------------------------------------------------------------------------------------------------------------|---------|------------------------------|
| Found Heap-use-after-free errors and SEGV in Python · Issue #103824 · python/cpython · GitHub                         | MISC    | <a href="#">github.com</a>   |
| gh-103824: fix use-after-free error in Parser/tokenizer.c by chgnrdv · Pull Request #103993 · python/cpython · GitHub | MISC    | <a href="#">github.com</a>   |
| CVE Program record                                                                                                    | CVE.ORG | <a href="#">www.cve.org</a>  |
| NVD vulnerability detail                                                                                              | NVD     | <a href="#">nvd.nist.gov</a> |

No vendor comments have been submitted for this CVE.

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

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