



# CVE-2022-43677

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-43677  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | cve@mitre.org   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-10-24 14:15:00 UTC   |
| <b>Updated</b>         | 2023-12-08 03:15:00 UTC   |
| <b>Description</b>     | In free5GC 3.2.1, a malformed NGAP message can crash the AMF and NGAP decoders via an index-out-of-range panic in |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor  | Product | Version | Update | Edition | Language |
|-------------|---------|---------|---------|--------|---------|----------|
| Application | Free5gc | Free5gc | 3.2.1   | All    | All     | All      |

## References

| Reference  | Source  | Link                   |
|--|---------|------------------------|
| <a href="http://www.trendmicro.com/en_us/research/23/j/asn1-vulnerabilities-in-5g-cores.html">www.trendmicro.com/en_us/research/23/j/asn1-vulnerabilities-in-5g-cores.html</a> |         | <a href="#">www.</a>   |
| [Bugs] A crafted malformed NGAP message can crash AMF and NGAP decoder · Issue #402 · free5gc/free5gc · GitHub   | MISC    | <a href="#">github</a> |
| CVE Program record   | CVE.ORG | <a href="#">www.</a>   |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.n</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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