



# CVE-2020-25412

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

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2020-25412                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | cve@mitre.org                                                                                                               |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2020-09-16 14:15:00 UTC                                                                                                     |
| <b>Updated</b>         | 2022-01-01 18:38:00 UTC                                                                                                     |
| <b>Description</b>     | com_line() in command.c in gnuplot 5.4 leads to an out-of-bounds-write from strncpy() that may lead to arbitrary code execu |

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                          | Product                 | Version | Update | Edition | Language |
|-------------|---------------------------------|-------------------------|---------|--------|---------|----------|
| Application | <a href="#">Gnuplot Project</a> | <a href="#">Gnuplot</a> | 5.4.0   | All    | All     | All      |
| Application | <a href="#">Gnuplot Project</a> | <a href="#">Gnuplot</a> | 5.4.0   | All    | All     | All      |

## References

| Reference                                 | Source  | Link                            | Tags                          |
|-------------------------------------------|---------|---------------------------------|-------------------------------|
| gnuplot / Bugs / #2303 Segmentation fault | MISC    | <a href="#">sourceforge.net</a> | Exploit, Third Party Advisory |
| CVE Program record                        | CVE.ORG | <a href="#">www.cve.org</a>     | canonical                     |
| NVD vulnerability detail                  | NVD     | <a href="#">nvd.nist.gov</a>    | canonical, analysis           |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[904885](#) Common Base Linux Mariner (CBL-Mariner) Security Update for gnuplot (12340)

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