



# CVE-2021-40401

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

## Summary

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2021-40401                                                                                                                  |
| <b>State</b>           | PUBLIC                                                                                                                          |
| <b>Assigner</b>        | talos-cna@cisco.com                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                    |
| <b>Published</b>       | 2022-02-04 23:15:00 UTC                                                                                                         |
| <b>Updated</b>         | 2023-11-07 03:38:00 UTC                                                                                                         |
| <b>Description</b>     | A use-after-free vulnerability exists in the RS-274X aperture definition tokenization functionality of Gerbv 2.7.0 and dev (con |

## Risk And Classification

### Problem Types: CWE-252

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                      | Version | Update     | Edition | Language |
|------------------|-------------------------------|------------------------------|---------|------------|---------|----------|
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 11.0    | All        | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>       | 36      | All        | All     | All      |
| Application      | <a href="#">Gerbv Project</a> | <a href="#">Gerbv</a>        | 2.7.0   | -          | All     | All      |
| Application      | <a href="#">Gerbv Project</a> | <a href="#">Gerbv</a>        | 2.7.1   | forked_dev | All     | All      |

## References

| Reference                                                                                 | Source  | Link                                                                  | Tags   |
|-------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------|--------|
| TALOS-2021-1415    Cisco Talos Intelligence Group - Comprehensive Threat Intelligence     | MISC    | <a href="https://talosintelligence.com">talosintelligence.com</a>     |        |
| Debian -- Security Information -- DSA-5306-1 gerbv                                        | DEBIAN  | <a href="https://www.debian.org">www.debian.org</a>                   |        |
| [SECURITY] Fedora 36 Update: gerbv-2.9.2-1.fc36 - package-announce - Fedora Mailing-Lists | FEDORA  | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |        |
| [SECURITY] Fedora 36 Update: gerbv-2.9.2-1.fc36 - package-announce - Fedora Mailing-Lists |         | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |        |
| CVE Program record                                                                        | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                         | canoni |
| NVD vulnerability detail                                                                  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                       | canoni |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

|                                                                                  |
|----------------------------------------------------------------------------------|
| <a href="#">181255</a> Debian Security Update for gerbv (DLA-3210-1)             |
| <a href="#">181448</a> Debian Security Update for gerbv (DSA 5306-1)             |
| <a href="#">184938</a> Debian Security Update for gerbv (CVE-2021-40401)         |
| <a href="#">282925</a> Fedora Security Update for gerbv (FEDORA-2022-4a3ef86baa) |

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