



# CVE-2022-43701

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

## Summary

|                        |                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-43701                                                                                                                     |
| <b>State</b>           | PUBLIC                                                                                                                             |
| <b>Assigner</b>        | arm-security@arm.com                                                                                                               |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                       |
| <b>Published</b>       | 2023-07-27 22:15:00 UTC                                                                                                            |
| <b>Updated</b>         | 2023-08-07 19:34:00 UTC                                                                                                            |
| <b>Description</b>     | When the installation directory does not have sufficiently restrictive file permissions, an attacker can modify files in the insta |

## Risk And Classification

### Problem Types: CWE-276

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor              | Product                                            | Version | Update | Edition | Language |
|-------------|---------------------|----------------------------------------------------|---------|--------|---------|----------|
| Application | <a href="#">Arm</a> | <a href="#">Arm Compiler</a>                       | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Arm Compiler</a>                       | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Arm Compiler For Embedded Fusa</a>     | 6.16    | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Arm Compiler For Functional Safety</a> | 6.6     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Arm Development Studio</a>             | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Arm Mobile Studio</a>                  | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Ds Development Studio</a>              | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Fast Models</a>                        | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Gnu Toolchain</a>                      | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Keil Mdk</a>                           | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Linaro Forge</a>                       | All     | All    | All     | All      |
| Application | <a href="#">Arm</a> | <a href="#">Mbed Studio</a>                        | All     | All    | All     | All      |

## References

| Reference                     | Source  | Link                              | Tags      |
|-------------------------------|---------|-----------------------------------|-----------|
| Documentation – Arm Developer | MISC    | <a href="#">developer.arm.com</a> |           |
| CVE Program record            | CVE.ORG | <a href="#">www.cve.org</a>       | canonical |

|                                                                      |     |                                                 |                     |
|----------------------------------------------------------------------|-----|-------------------------------------------------|---------------------|
| NVD vulnerability detail                                             | NVD | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canonical, analysis |
| No vendor comments have been submitted for this CVE.                 |     |                                                 |                     |
| There are currently no legacy QID mappings associated with this CVE. |     |                                                 |                     |

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