# CVE-2018-14043

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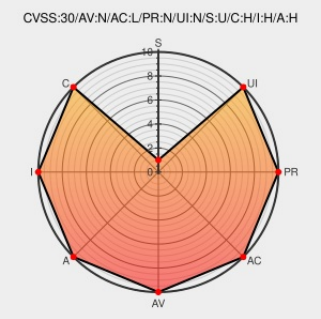
## CVE-2018-14043

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Mstdlib from Monetra contain the following vulnerability:

mstdlib (aka the M Standard Library for C) 1.2.0 has incorrect file access control in situations where M_fs_perms_can_access attempts to delete an existing file (that lacks public read/write access) during a copy operation, related to fs/m_fs.c and fs/m_fs_path.c. An attacker could create the file and then would have access to the data.

CVE-2018-14043 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

### CVSS3 Score: 9.8 - CRITICAL

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | HIGH | HIGH | HIGH |

### CVSS2 Score: 7.5 - HIGH

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | LOW | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|
| racecondition() · Issue #2 · Monetra/mstdlib · GitHub | Third Party Advisory, github.com, text/html | CONFIRM github.com/Monetra/mstdlib/issues/2 |

| | | |
|---|---|---|
| fs: Don't try to delete the file when copying. It could cause a secur… · Monetra/mstdlib@db124b8 · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | CONFIRM<br>github.com/Monetra/mstdlib/commit/db124b8f607dd0a40a9aef2d4d468fad433522a7 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Monetra | Mstdlib | 1.2.0 | All | All | All |
| Application | Monetra | Mstdlib | 1.2.0 | All | All | All |

cpe:2.3:a:monetra:mstdlib:1.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:monetra:mstdlib:1.2.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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