# Spreadsheet::ParseExcel Remote Code Execution Vulnerability

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2023-7101 |
| **State** | PUBLISHED |
| **Assigner** | Unknown |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2023-12-24 22:15:00 UTC |
| **Updated** | 2024-01-08 03:15:00 UTC |
| **Description** | Spreadsheet::ParseExcel contains a remote code execution vulnerability due to passing unvalidated input from a file into a |

## Risk And Classification

**EPSS:** 0.833140000 probability, percentile 0.992740000 (date 2026-04-18)

**CISA KEV:** Listed on 2024-01-02; due 2024-01-23; ransomware use Unknown

## CISA Known Exploited Vulnerability

| | |
|---|---|
| **Vendor** | Spreadsheet::ParseExcel |
| **Product** | Spreadsheet::ParseExcel |
| **Name** | Spreadsheet::ParseExcel Remote Code Execution Vulnerability |
| **Required Action** | Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable. |
| **Notes** | This vulnerability affects a common open-source component, third-party library, or a protocol used by different products. Please check with specific vendors for information on patching status. For more information, please see: https://metacpan.org/dist/Spreadsheet-ParseExcel and Barracuda's specific implementation and fix for their downstream issue CVE-2023-7102 at https://www.barracuda.com/company/legal/esg-vulnerability; https://nvd.nist.gov/vuln/detail/CVE-2023-7101 |

There are no known software configurations currently associated with this CVE in NVD or the CVE Program record.

## References

| Reference | Source | Link | Tags |
|---|---|---|---|
| github.com/mandiant/Vulnerability-Disclosures/blob/master/2023/MNDT-2023... | | github.com | |
| lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag... | | lists.fedoraproject.org | |
| https/github.com/haile01/perl_spreadsheet_excel_rce_poc | | https | |

| | | | |
|---|---|---|---|
| https/github.com/jmcnamara/spreadsheet-parseexcel/commit/bd3159277e... | | https | |
| https/www.cve.org/CVERecord | | https | |
| https/metacpan.org/dist/Spreadsheet-ParseExcel | | https | |
| lists.debian.org/debian-lts-announce/2023/12/msg00025.html | | lists.debian.org | |
| www.openwall.com/lists/oss-security/2023/12/29/4 | | www.openwall.com | |
| github.com/jmcnamara/spreadsheet-parseexcel/blob/c7298592e102a375d43150c... | | github.com | |
| lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag... | | lists.fedoraproject.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, an |
| CISA Known Exploited Vulnerabilities catalog | CISA | www.cisa.gov | kev |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

285070 Fedora Security Update for perl (FEDORA-2023-921f6975c2)

357033 Amazon Linux Security Advisory for perl-Spreadsheet-ParseExcel : ALAS2023-2024-491

357043 Amazon Linux Security Advisory for perl-Spreadsheet-ParseExcel : ALAS-2024-1905

505789 Alpine Linux Security Update for perl-spreadsheet-parseexcel

6000414 Debian Security Update for libspreadsheet-parseexcel-perl (DSA 5592-1)

6000417 Debian Security Update for libspreadsheet-parseexcel-perl (DLA 3702-1)

691422 Free Berkeley Software Distribution (FreeBSD) Security Update for p5 (cb22a9a6-c907-11ee-8d1c-40b034429ecf)

755629 SUSE Enterprise Linux Security Update for perl-Spreadsheet-ParseExcel (SUSE-SU-2024:0158-1)