



CVE-2019-8396

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2019-8396 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-02-17 06:29:00 UTC |
| Updated | 2019-02-19 21:05:00 UTC |
| Description | A buffer overflow in H5O__layout_encode in H5Olayout.c in the HDF HDF5 through 1.10.4 library allows attackers to cause |

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------------------------|----------------------|---------|--------|---------|----------|
| Application | Hdfgroup | Hdf5 | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|------------------------------|-------------------------------|
| PAAFS/vul4 at master · magicSwordsMan/PAAFS · GitHub | MISC | github.com | Exploit, Third Party Advisory |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[752817](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3827-1)

[752848](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3826-1)

[752860](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3829-1)

[752872](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3824-1)

[752905](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3828-1)

[752922](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2022:3825-1)

[755807](#) SUSE Enterprise Linux Security Update for hdf5 (SUSE-SU-2024:0538-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)