# Apache Superset Insecure Default Initialization of Resource Vulnerability

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

## Summary

| | |
|---|---|
| **CVE** | CVE-2023-27524 |
| **State** | PUBLIC |
| **Assigner** | security@apache.org |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2023-04-24 16:15:00 UTC |
| **Updated** | 2024-01-21 03:15:00 UTC |
| **Description** | Session Validation attacks in Apache Superset versions up to and including 2.0.1. Installations that have not altered the def |

## Risk And Classification

**EPSS:** 0.839690000 probability, percentile 0.993060000 (date 2026-04-18)

**CISA KEV:** Listed on 2024-01-08; due 2024-01-29; ransomware use Unknown

**Problem Types:** CWE-1188

## CISA Known Exploited Vulnerability

| | |
|---|---|
| **Vendor** | Apache |
| **Product** | Superset |
| **Name** | Apache Superset Insecure Default Initialization of Resource Vulnerability |
| **Required Action** | Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable. |
| **Notes** | https://lists.apache.org/thread/n0ftx60sllf527j7g11kmt24wvof8xyk; https://nvd.nist.gov/vuln/detail/CVE-2023-27524 |

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Apache | Superset | All | All | All | All |

## References

| Reference | Source |
|---|---|
| Apache Superset 2.0.0 Authentication Bypass ≈ Packet Storm | MISC |
| Apache Superset 2.0.0 Remote Code Execution ≈ Packet Storm | MISC |
| oss-security - CVE-2023-27524: Apache Superset: Session validation vulnerability when using provided default SECRET_KEY | MISC |

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| oss-security - CVE-2023-27524: Apache Superset: Session validation vulnerability when using provided default SECRET_KEY | MISC |
| lists.apache.org/thread/n0ftx60sllf527j7g11kmt24wvof8xyk | MISC |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |
| CISA Known Exploited Vulnerabilities catalog | CISA |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

150679 Apache Superset Insecure Default Configuration Vulnerability (CVE-2023-27524)

730792 Apache Superset Session Validation Vulnerability (n0ftx60sllf527j7g11kmt24wvof8xyk)