



CVE-2018-11776

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-11776
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-08-22 13:29:00 UTC
Updated	2023-11-07 02:51:00 UTC
Description	Apache Struts versions 2.3 to 2.3.34 and 2.5 to 2.5.16 suffer from possible Remote Code Execution when alwaysSelectFull

Risk And Classification

EPSS: 0.944310000 probability, percentile 0.999850000 (date 2026-04-01)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

Problem Types: CWE-20

CISA Known Exploited Vulnerability


Vendor	Apache
Product	Struts
Name	Apache Struts Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2018-11776

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Struts	All	All	All	All
Application	Apache	Struts	All	All	All	All

References

Reference
Apache Struts 2 - Namespace Redirect OGNL Injection (Metasploit) - Multiple remote Exploit
Security Advisory
Apache Struts Remote Code Execution ≈ Packet Storm

GitHub - hook-s3c/CVE-2018-11776-Python-PoC: Working Python test and PoC for CVE-2018-11776, includes Docker lab
Oracle Critical Patch Update Advisory - July 2020
Pony Mail!
Oracle Security Alert CVE-2018-11776
www.arubanetworks.com/assets/alert/ARUBA-PSA-2018-005.txt
CVE-2018-11776: How to find 5 RCEs in Apache Struts with Semmler QL - Blog - LGTM
S2-057 - DEPRECATED: Apache Struts 2 Documentation - Apache Software Foundation
MySQL Multiple Flaws Let Remote Users Gain Elevated Privileges, Remote Authenticated Users Access and Modify Data, and Remote and L
Pony Mail!
Oracle Critical Patch Update - January 2019
October 2018 MySQL Vulnerabilities in NetApp Products NetApp Product Security
Apache Struts 2.3 < 2.3.34 / 2.5 < 2.5.16 - Remote Code Execution (1)
Apache Struts Undefined Namespace Processing Lets Remote Users Execute Arbitrary Code on the Target System - SecurityTracker
CPU Oct 2018
Apache Struts CVE-2018-11776 Remote Code Execution Vulnerability
Apache Struts 2.3 < 2.3.34 / 2.5 < 2.5.16 - Remote Code Execution (2)
CVE-2018-11776 Apache Struts Vulnerability in NetApp Products NetApp Product Security
CVE Program record
NVD vulnerability detail
CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.
Legacy QID Mappings
981120 Java (maven) Security Update for org.apache.struts:struts2-core (GHSA-cr6j-3j99-rw65)

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