



CVE-2016-4431

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

Summary

CVE	CVE-2016-4431
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-07-04 22:59:06 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Apache Struts 2 2.3.20 through 2.3.28.1 allows remote attackers to bypass intended access restrictions and conduct redirection attacks via crafted HTTP requests to the /action/* URL.

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N

Problem Types: CWE-20 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:P/A:N

CVSS v3.0 Breakdown

Attack Vector	Network
Attack Complexity	Low
Privileges Required	None
User Interaction	None
Scope	Unchanged
Confidentiality	None
Integrity	High
Availability	

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

AV:N/AC:L/Au:N/C:N/I:P/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Struts	2.3.20	All	All	All
Application	Apache	Struts	2.3.20.1	All	All	All
Application	Apache	Struts	2.3.20.3	All	All	All
Application	Apache	Struts	2.3.24	All	All	All
Application	Apache	Struts	2.3.24.1	All	All	All
Application	Apache	Struts	2.3.24.3	All	All	All
Application	Apache	Struts	2.3.28	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
jvndb.jvn.jp/jvndb/JVNDDB-2016-000113	af854a3a-...
JVN#45093481: Multiple vulnerabilities in Apache Struts 2	af854a3a-...
S2-040	af854a3a-...
Apache Struts CVE-2016-4431 Security Bypass Vulnerability	af854a3a-...

IBM Security Bulletin: Multiple vulnerabilities in Apache Struts affect SAN Volume Controller and Storwize Family - United States	af854a3a-
IBM Security Bulletin: Multiple Vulnerabilities in Struts v2 affect IBM Opportunity Detect - United States	af854a3a-
1348252 – (CVE-2016-4431) CVE-2016-4431 struts: Possible manipulation of return result and bypassing validation	af854a3a-
Oracle Critical Patch Update - July 2017	af854a3a-
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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