



CVE-2015-7450

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2015-7450
State	PUBLISHED
Assigner	ibm
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-01-02 21:59:15 UTC
Updated	2026-04-21 19:12:42 UTC
Description	Serialized-object interfaces in certain IBM analytics, business solutions, cognitive, IT infrastructure, and mobile and social p

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.932740000 probability, percentile 0.998080000 (date 2026-04-23)

CISA KEV: Listed on 2022-01-10; due 2022-07-10; ransomware use Unknown

Problem Types: CWE-502 | n/a | CWE-502 CWE-502 Deserialization of Untrusted Data

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	10		AV:N/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

CISA Known Exploited Vulnerability

Vendor	IBM
Product	WebSphere Application Server and Server Hypervisor Edition
Name	IBM WebSphere Application Server and Server Hypervisor Edition Code Injection.
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2015-7450

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ibm	Sterling B2b Integrator	5.2	All	All	All
Application	ibm	Sterling Integrator	5.1	All	All	All
Application	ibm	Tivoli Common Reporting	2.1	All	All	All
Application	ibm	Tivoli Common Reporting	2.1.1	All	All	All
Application	ibm	Tivoli Common Reporting	2.1.1.2	All	All	All
Application	ibm	Tivoli Common Reporting	3.1	All	All	All

Application	Vendor	Product	Version	Platform	Platform	Platform
Application	IBM	Tivoli Common Reporting	3.1.0.1	All	All	All
Application	IBM	Tivoli Common Reporting	3.1.0.2	All	All	All
Application	IBM	Tivoli Common Reporting	3.1.2	All	All	All
Application	IBM	Tivoli Common Reporting	3.1.2.1	All	All	All
Application	IBM	Watson Content Analytics	All	All	All	All
Application	IBM	Watson Content Analytics	All	All	All	All
Application	IBM	Watson Explorer Analytical Components	11.0	All	All	All
Application	IBM	Watson Explorer Analytical Components	All	All	All	All
Application	IBM	Watson Explorer Annotation Administration Console	11.0	All	All	All
Application	IBM	Watson Explorer Annotation Administration Console	All	All	All	All
Application	IBM	WebSphere Application Server	7.0.0.0	All	All	All
Application	IBM	WebSphere Application Server	8.0.0.0	All	All	All
Application	IBM	WebSphere Application Server	8.5	All	All	All
Application	IBM	WebSphere Application Server	8.5.0.0	All	All	All
Application	IBM	WebSphere Application Server	8.5.5.5	All	All	All

Vendor Declared Affected Products

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

References

Reference
IBM notice: The page you requested cannot be displayed
IBM WebSphere Application Server CVE-2015-7450 Remote Code Execution Vulnerability
www.cisa.gov/known-exploited-vulnerabilities-catalog
IBM Security Bulletin: Vulnerability in Apache Commons affects IBM Cognos Controller (CVE-2015-7450) - United States
IBM Security Bulletin: Vulnerability in Apache Commons affects Watson Explorer and Watson Content Analytics (CVE-2015-7450) - United States
IBM Security Bulletin: Multiple vulnerability in Product IBM Tivoli Common Reporting (CVE-2015-7436,CVE-2015-7435,CVE-2012-6153,CVE-2012-6154) - United States
IBM InfoSphere Information Server Lets Remote Authenticated Users Hijack the Target User's Session - SecurityTracker
IBM WebSphere - RCE Java Deserialization (Metasploit) - Windows remote Exploit
IBM Security Bulletin: Vulnerability in Apache Commons affects IBM Sterling B2B Integrator (CVE-2015-7450) - United States
IBM Security Bulletin: Vulnerability in Apache Commons affects IBM WebSphere Application Server (CVE-2015-7450) - United States
CVE Program record
NVD vulnerability detail
CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-01-10T00:00:00.000Z	CVE-2015-7450 added to CISA KEV

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

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