

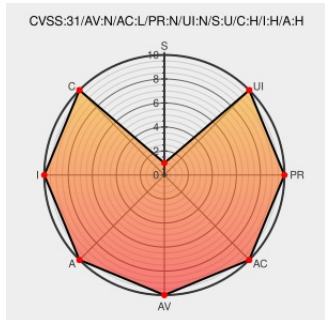


CVE-2020-4450

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CVE-2020-4450

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [WebSphere Application Server](#) from [Ibm](#) contain the following vulnerability:

IBM WebSphere Application Server 8.5 and 9.0 traditional could allow a remote attacker to execute arbitrary code on the system with a specially-crafted sequence of serialized objects. IBM X-Force ID: 181231.

CVE-2020-4450 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [IBM](#) - **WebSphere Application Server** version **8.5**

Affected Vendor/Software: [IBM](#) - **WebSphere Application Server** version **9.0**

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
IBM X-Force ID: 181231	X-Force	CVE-2020-4450

IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	X-Force IBM-Websphere-cve20204450-command-exec (181231)
ZDI-20-689 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-20-689/
Security Bulletin: WebSphere Application Server is vulnerable to a remote code execution vulnerability (CVE-2020-4450)	Patch Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6220294

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE-2020-4464 / CVE-2020-4450

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ibm	Websphere Application Server	All	All	All	All
Application	Ibm	Websphere Application Server	All	All	All	All
cpe:2.3:a:ibm:websphere_application_server:*****:*						
cpe:2.3:a:ibm:websphere_application_server:*****:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@garybing5	CVE-2020-4450 poc ? or exp ?	2021-06-09 08:28:54
@CERTPSE	Nowe aktualizacje od IBM cert.pse-online.pl/nowe-aktualiza... #CVE-2020-15366 #CVE-2020-4448 #CVE-2020-4450	2021-06-24 10:14:05

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