



CVE-2020-4589

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CVE-2020-4589

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

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

IBM WebSphere Application Server 7.0, 8.0, 8.5, and 9.0 could allow a remote attacker to execute arbitrary code on the system with a specially-crafted sequence of serialized objects from untrusted sources. IBM X-Force ID: 184585.

CVE-2020-4589 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 **7.0**

Affected Vendor/Software: [IBM](#) - **WebSphere Application Server** version **8.0**

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

Security Bulletin: WebSphere Application Server is vulnerable to a remote code execution vulnerability (CVE-2020-4589)

IBM X-Force Exchange

Tags

Vendor Advisory

www.ibm.com

text/html

VDB Entry

Vendor Advisory

exchange.xforce.ibmcloud.com

text/html

Link

 CONFIRM

www.ibm.com/support/pages/node/6258333

 XF ibm-websphere-cve20204589-code-exec (184585)

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There are currently no QIDs associated with this CVE

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
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:*****:						
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)
 @RemotelyAlerts	Severity: ??? IBM WebSphere Application Server 7.0, 8.... CVE-2020-4589 Link for more: alerts.remotelyrmm.com/CVE-2020-4589	2022-05-03 14:33:36

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