CVE-2020-4589

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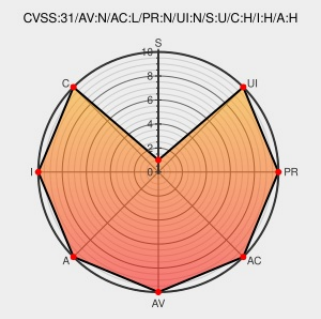
CVE-2020-4589

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	Tags	Link
Security Bulletin: WebSphere Application Server is vulnerable to a remote code execution vulnerability (CVE-2020-4589)	Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6258333
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-websphere-cve20204589-code-exec (184585)

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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