

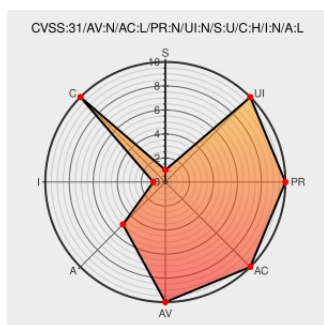


CVE-2021-20454

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CVE-2021-20454

[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 is vulnerable to a XML External Entity Injection (XXE) attack when processing XML data. A remote attacker could exploit this vulnerability to expose sensitive information or consume memory resources. IBM X-Force ID: 196649.

CVE-2021-20454 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** 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: **8.2 - HIGH**

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

CVSS2 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: WebSphere Application Server is vulnerable to an XML External Entity (XXE) Injection vulnerability (CVE-2021-20454)	www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6445481
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF ibm-was-cve202120454-xxe (196649)

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Related QID Numbers

[375704](#) IBM WebSphere Application Server XML External Entity (XXE) Injection vulnerability (6445481)

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

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