



CVE-2023-23477

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

Certain versions of [Hp-ux](#) from [Hp](#) 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: 245513.

CVE-2023-23477 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, 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

CVE References

Description	Tags	Link
Security Bulletin: IBM WebSphere Application Server is vulnerable to a remote code execution vulnerability (CVE-2023-23477)	www.ibm.com text/html	MISC www.ibm.com/support/pages/node/6891111
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	MISC exchange.xforce.ibmcloud.com/vulnerabilities/245513

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Related QID Numbers

378002 IBM WebSphere Application Server Remote Code Execution (RCE) Vulnerability (6891111)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Hp	Hp-ux	-	All	All	All
Operating System	Ibm	Aix	-	All	All	All
Operating System	Ibm	I	-	All	All	All
Application	Ibm	Websphere Application Server	8.5	All	All	All
Application	Ibm	Websphere Application Server	9.0	All	All	All
Operating System	Ibm	Z/os	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Oracle	Solaris	-	All	All	All
cpe:2.3:o:hp:hp-ux:-:*:*:*:*:*:						
cpe:2.3:o:ibm:aix:-:*:*:*:*:*:						
cpe:2.3:o:ibm:i:-:*:*:*:*:*:						
cpe:2.3:a:ibm:websphere_application_server:8.5:*:*:*:*:*:						
cpe:2.3:a:ibm:websphere_application_server:9.0:*:*:*:*:*:						
cpe:2.3:o:ibm:z/os:-:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						
cpe:2.3:o:oracle:solaris:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2023-23477 : #IBM WebSphere Application Server 8.5 and 9.0 traditional could allow a remote attacker to execute... twitter.com/i/web/status/1...	2023-02-03 19:06:47
	Potentially Critical CVE Detected! CVE-2023-23477 IBM WebSphere Application Server 8.5 and 9.0	2023-02-03

@Robo_Alerts	traditional could al... twitter.com/i/web/status/1...	19:55:58
 /r/netcve	CVE-2023-23477	2023-02-03 19:39:35

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