CVE-2020-4463

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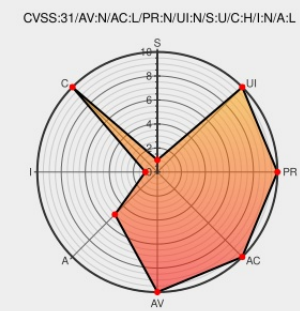
CVE-2020-4463

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Maximo Asset Management from Ibm contain the following vulnerability:

IBM Maximo Asset Management 7.6.0.1 and 7.6.0.2 is vulnerable to an 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: 181484.

CVE-2020-4463 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **IBM** - **Maximo Asset Management** version **7.6.0.1**

Affected Vendor/Software: **IBM** - **Maximo Asset Management** version **7.6.0.2**

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: IBM Maximo Asset Management is vulnerable to Information Disclosure (CVE-2020-4463)	Patch Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6253953
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-maximo-cve20204463-xxe (181484)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

IBM Maximo Asset Management is vulnerable to Information Disclosure via XXE Vulnerability (CVE-2020-4463)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ibm	Maximo Asset Management	7.6.0.1	All	All	All
Application	Ibm	Maximo Asset Management	7.6.0.2	All	All	All
Application	Ibm	Maximo Asset Management	7.6.0.1	All	All	All
Application	Ibm	Maximo Asset Management	7.6.0.2	All	All	All

cpe:2.3:a:ibm:maximo_asset_management:7.6.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:maximo_asset_management:7.6.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:maximo_asset_management:7.6.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:maximo_asset_management:7.6.0.2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@ipssignatures	It's new to me that WatchGuard has a protection/signature/rule for the vulnerability CVE-2020-4463.… twitter.com/i/web/status/1…	2021-07-28 09:02:00
@ipssignatures	It is the first time for me to know a protection/signature/rule for the vulnerability CVE-2020-4463. #SIrxcc5d4a7tus	2021-07-28 09:02:00
@0x_rood	1- found server in shodan with ibm http server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 X… twitter.com/i/web/status/1…	2022-12-11 08:25:54
@ipssignatures	The vuln CVE-2020-4463 has a tweet created 0 days ago and retweeted 13 times.	2022-12-11

	twitter.com/0x_rood/status… #pow1rtrtwwcve	12:06:00
@uhcfzkfax25644	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:28:31
@Crystal59984589	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:28:55
@Victori72711723	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:29:16
@Kimberl59147134	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:29:47
@Daniell56334180	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:30:39
@glcgbabfg15338	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:44:01
@bobaqvdgk37965	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:44:50
@cflokbfsh95549	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:48:56
@MariaLi16056119	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 12:51:53
@bobaqvdgk37965	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 13:06:26
@Jessica68906448	1- found server in shodan with ibm server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 XXE a… twitter.com/i/web/status/1…	2022-12-11 13:11:14
@0x_rood	@Mohamed87Khayat Here's : github.com/Ibonok/CVE-202…	2022-12-12 14:09:29
@MohammadDehgan7	1- found server in shodan with ibm http server 8.5.5 2- search on google about cve's on it 3- found CVE-2020-4463 X… twitter.com/i/web/status/1…	2022-12-12 15:21:16

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