



CVE-2020-4786

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CVE-2020-4786

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Qradar Security Information And Event Manager](#) from [Ibm](#) contain the following vulnerability:

IBM QRadar SIEM 7.4.2 GA to 7.4.2 Patch 1, 7.4.0 to 7.4.1 Patch 1, and 7.3.0 to 7.3.3 Patch 5 is vulnerable to server side request forgery (SSRF). This may allow an authenticated attacker to send unauthorized requests from the system, potentially leading to network enumeration or facilitating other attacks. IBM X-Force ID: 189221.

CVE-2020-4786 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.3 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: IBM QRadar SIEM is vulnerable to Server Side Request Forgery (SSRF) (CVE-2020-4786)	Patch Vendor Advisory www.ibm.com	CONFIRM www.ibm.com/support/pages/node/6408866

[text/html](#)

IBM X-Force Exchange

[VDB Entry](#)[Vendor Advisory](#)exchange.xforce.ibmcloud.com[text/html](#) [XF ibm-qradar-cve20204786-ssrf \(189221\)](#)

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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	Qradar Security Information And Event Manager	7.3.0	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p5	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p6	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	interim_fix_01	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	interim_fix_02	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p5	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.1	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.1	patch1	All	All

Application	ibm	Qradar Security Information And Event Manager	7.4.2	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.2	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.0	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p5	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.1	p6	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	interim_fix_01	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	interim_fix_02	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.2	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p3	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p4	All	All
Application	ibm	Qradar Security Information And Event Manager	7.3.3	p5	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	p1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.0	p2	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.1	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.1	patch1	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.2	-	All	All
Application	ibm	Qradar Security Information And Event Manager	7.4.2	p1	All	All

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.0:-:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:-:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p3:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p4:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p5:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p6:*:*:*:*.*:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:interim_fix_01:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:interim_fix_02:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p3:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p4:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p3:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p4:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p5:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.1:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.1:patch1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.2:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.2:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.0:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p3:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p4:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p5:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.1:p6:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:interim_fix_01:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:interim_fix_02:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p3:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.2:p4:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p3:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p4:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:p5:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:p1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.0:p2:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.1:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.1:patch1:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.2:-:*****:
cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.2:p1:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @ptswarm	PoC for SSRF in IBM QRadar SIEM (CVE-2020-4786) GET /console/chartServer?output=image&data=http://127.0.0.1:8080 https://t.co/YHuoBG2ihq	2021-07-07 14:07:47
 @securestep9	#SSRF vulnerability in IBM #QRadar SIEM (CVE-2020-4786) - patched in January 2021: twitter.com/ptswarm/status...	2021-07-07 15:09:30

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