



CVE-2020-5013

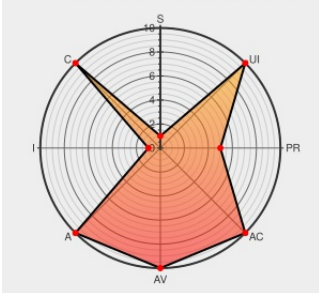
Published on: 05/05/2021 12:00:00 AM UTC

Last Modified on: 05/07/2021 02:28:00 PM UTC

CVE-2020-5013

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

CVSS:31/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:H



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

IBM QRadar SIEM 7.3 and 7.4 may 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: 193245.

CVE-2020-5013 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **QRadar SIEM** version 7.3

Affected Vendor/Software: [IBM](#) - **QRadar SIEM** version 7.4

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **5.5 - MEDIUM**

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

CVE References

Description	Tags	Link
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IBM X-Force Exchange

exchange.xforce.ibmcloud.com
[text/html](#)

 [XF ibm-gradar-cve20205013-xxe \(193245\)](#)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2020-5013

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	IBM	Qradar Security Information And Event Manager	All	All	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	fix_pack_1	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_2	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_3	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_4	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_5	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_6	All	All
Application	IBM	Qradar Security Information And Event Manager	7.3.3	fix_pack_7	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	fix_pack_1	All	All
Application	IBM	Qradar Security Information And Event Manager	7.4.2	fix_pack_2	All	All

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:*****:

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:fix_pack_1:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_2:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_3:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_4:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_5:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_6:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.3.3:fix_pack_7:*****:

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:fix_pack_1:*****:

cpe:2.3:a:ibm:qradar_security_information_and_event_manager:7.4.2:fix_pack_2:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2020-5013 : #IBM QRadar SIEM 7.3 and 7.4 may vulnerable to a XML External Entity Injection XXE attack when pr... twitter.com/i/web/status/1...	2021-05-05 15:49:39
 /r/netcve	CVE-2020-5013	2021-05-05 16:41:54

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