



CVE-2019-4728

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CVE-2019-4728

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

Certain versions of [Hp-ux](#) from [Hp](#) contain the following vulnerability:

IBM Sterling B2B Integrator Standard Edition 5.2.0.0 through 5.2.6.5_2, 6.0.0.0 through 6.0.3.2, and 6.1.0.0 could allow a remote attacker to execute arbitrary code on the system, caused by the deserialization of untrusted data. By sending specially crafted request, an attacker could exploit this vulnerability to execute arbitrary code with SYSTEM privileges. IBM X-Force ID: 172452.

CVE-2019-4728 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **Sterling B2B Integrator** version **6.0.0.0**

Affected Vendor/Software: [IBM](#) - **Sterling B2B Integrator** version **5.2.0.0**

Affected Vendor/Software: [IBM](#) - **Sterling B2B Integrator** version **6.0.3.2**

Affected Vendor/Software: [IBM](#) - **Sterling B2B Integrator** version **6.1.0.0**

Affected Vendor/Software: [IBM](#) - **Sterling B2B Integrator** version **5.2.6.5_2**

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact

impact

COMPLETE

impact

COMPLETE

impact

COMPLETE

CVE References

Description

IBM X-Force Exchange

Security Bulletin: Deserialization Vulnerability Affects IBM Sterling B2B Integrator (CVE-2019-4728)

Tags

VDB Entry

Vendor Advisory

exchange.xforce.ibmcloud.com

text/html

Vendor Advisory

www.ibm.com

text/html

Link

 XF ibm-sterling-cve20194728-code-exec (172452)

 CONFIRM
www.ibm.com/support/pages/node/6396172

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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
Operating System	Hp	Hp-ux	-	All	All	All
Operating System	Hp	Hp-ux	-	All	All	All
Operating System	Ibm	Aix	-	All	All	All
Operating System	Ibm	Aix	-	All	All	All
Operating System	Ibm	I	-	All	All	All
Operating System	Ibm	I	-	All	All	All
Application	Ibm	Sterling B2b Integrator	6.1.0.0	All	All	All
Application	Ibm	Sterling B2b Integrator	6.1.0.0	All	All	All
Application	Ibm	Sterling B2b Integrator	All	All	All	All
Application	Ibm	Sterling B2b Integrator	All	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

System						
Operating System	Oracle	Solaris	-	All	All	All
Operating System	Oracle	Solaris	-	All	All	All
cpe:2.3:o:hp:hp-ux:-:*:*:*:*:*:						
cpe:2.3:o:hp:hp-ux:-:*:*:*:*:*:						
cpe:2.3:o:ibm:aix:-:*:*:*:*:*:						
cpe:2.3:o:ibm:aix:-:*:*:*:*:*:						
cpe:2.3:o:ibm:i:-:*:*:*:*:*:						
cpe:2.3:o:ibm:i:-:*:*:*:*:*:						
cpe:2.3:a:ibm:sterling_b2b_integrator:6.1.0.0:*:*:*:standard:*:*:						
cpe:2.3:a:ibm:sterling_b2b_integrator:6.1.0.0:*:*:*:standard:*:*:						
cpe:2.3:a:ibm:sterling_b2b_integrator:*:*:*:standard:*:*:						
cpe:2.3:a:ibm:sterling_b2b_integrator:*:*:*:standard:*:*:						
cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						
cpe:2.3:o:oracle:solaris:-:*:*:*:*:*:						
cpe:2.3:o:oracle:solaris:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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