



CVE-2019-4088

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

Certain versions of [Spectrum Protect Operations Center](#) from [Ibm](#) contain the following vulnerability:

IBM Spectrum Protect Servers 7.1 and 8.1 and Storage Agents could allow a local attacker to gain elevated privileges on the system, caused by loading a specially crafted library loaded by the dsmqsan module. By setting up such a library, a local attacker could exploit this vulnerability to gain root privileges on the vulnerable system. IBM X-

Force ID: 157511.

CVE-2019-4088 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **Spectrum Protect** version **7.1**

Affected Vendor/Software: [IBM](#) - **Spectrum Protect** version **8.1**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-tsm-cve20194088-priv-escalation (157511)
Security Bulletin: Stack-based buffer overflow and elevation of privileges vulnerabilities in IBM Spectrum Protect Server and Storage Agents (CVE-2019-4087, CVE-2019-4088)	Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/docview.wss?uid=ibm10882472

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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	Spectrum Protect Operations Center	All	All	All	All
Application	ibm	Spectrum Protect Operations Center	All	All	All	All

cpe:2.3:a:ibm:spectrum_protect_operations_center:*.*.*.*.*.*.*.*:

cpe:2.3:a:ibm:spectrum_protect_operations_center:*.*.*.*.*.*.*.*:

No vendor comments have been submitted for this CVE

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