

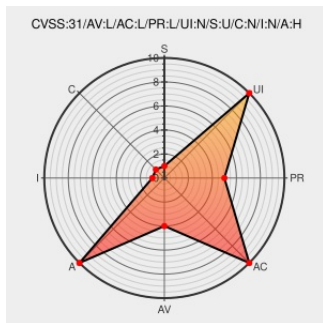


CVE-2020-4492

Published on: 08/31/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:23 PM UTC

CVE-2020-4492

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

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

IBM Spectrum Scale V5.0.0.0 through V5.0.4.3 and V4.2.0.0 through V4.2.3.21 could allow a local attacker to cause a denial of service crashing the kernel by sending a subset of ioctls on the device with invalid arguments. IBM X-Force ID: 181992.

CVE-2020-4492 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [IBM](#) - **Spectrum Scale** version **4.2.0.0**

Affected Vendor/Software: [IBM](#) - **Spectrum Scale** version **5.0.0.0**

Affected Vendor/Software: [IBM](#) - **Spectrum Scale** version **5.0.4.3**

Affected Vendor/Software: [IBM](#) - **Spectrum Scale** version **4.2.3.21**

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description	Tags	Link
Security Bulletin: A vulnerability has been identified in IBM Spectrum Scale where an unprivileged user to cause denial of service (CVE-2020-4492)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6324249
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-spectrum-cve20204492-dos (181992)

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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 Scale	All	All	All	All
Application	ibm	Spectrum Scale	All	All	All	All

cpe:2.3:a:ibm:spectrum_scale:*****:

cpe:2.3:a:ibm:spectrum_scale:*****:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→