CVE-2020-4411

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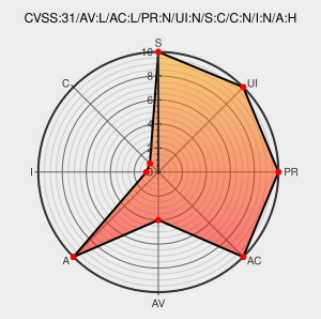
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Aix from Ibm contain the following vulnerability:

The Spectrum Scale 4.2.0.0 through 4.2.3.21 and 5.0.0.0 through 5.0.4.3 file system component is affected by a denial of service vulnerability in its kernel module that could allow an attacker to cause a denial of service condition on the affected system. To exploit this vulnerability, a local attacker could invoke a subset of ioctls on the Spectrum Scale device with non-valid arguments. This could allow the attacker to crash the kernel. IBM X-Force ID: 179986.

CVE-2020-4411 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as HIGH 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: 7.1 - HIGH

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

CVSS2 Score: 4.9 - MEDIUM

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

NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-spectrum-cve20204411-dos (179986)
Security Bulletin: A vulnerability has been identified in IBM Spectrum Scale where an unprivileged user to cause denial of service in kernel (CVE-2020-4411)	Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6209002

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Ibm	Aix	-	All	All	All
Operating System	Ibm	Aix	-	All	All	All
Application	Ibm	Spectrum Scale	All	All	All	All
Application	Ibm	Spectrum Scale	All	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All

cpe:2.3:o:ibm:aix:-:*:*:*:*:*:*:*:

cpe:2.3:o:ibm:aix:-:*:*:*:*:*:*:*:

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

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

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report