

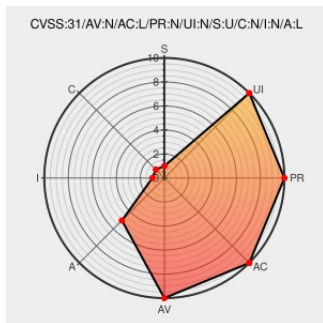


CVE-2020-4412

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CVE-2020-4412

[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 security vulnerability. An attacker can force the Spectrum Scale mmfsd/mmssdrserv daemons to unexpectedly exit, impacting the functionality of the Spectrum Scale cluster and the availability of file systems managed by Spectrum Scale. IBM X-Force ID: 179987.

CVE-2020-4412 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: **5.3 - MEDIUM**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	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-2020-4412)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6209004
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-spectrum-cve20204412-dos (179987)

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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	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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