CVE-2023-2970

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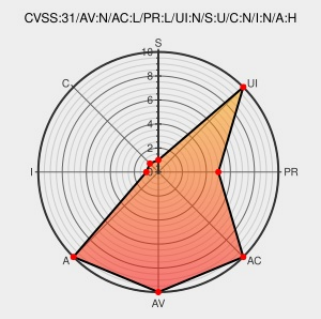
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Mindspore from Mindspore contain the following vulnerability:

A vulnerability classified as problematic was found in MindSpore 2.0.0-alpha/2.0.0-rc1. This vulnerability affects the function JsonHelper::UpdateArray of the file mindspore/ccsrc/minddata/dataset/util/json_helper.cc. The manipulation leads to memory corruption. The name of the patch is 30f4729ea2c01e1ed437ba92a81e2fc098d608a9. It is recommended to apply a patch to fix this issue. The identifier of this vulnerability is VDB-230176.

CVE-2023-2970 has been assigned by cna@vuldb.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.5 - MEDIUM

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

CVE References

Description	Tags	Link
Login - Gitee.com	gitee.com text/html	MISC gitee.com/mindspore/mindspore/commit/30f4729ea2c01e1ed437ba92a81e2fc098d608a
Login required	vuldb.com text/html Inactive Link Not Archived	MISC vuldb.com/?ctiid.230176
【MD】【FUZZ】UpdateArray算子，存在coredump的情况 · Issue #I73DOS ·	gitee.com text/html	MISC gitee.com/mindspore/mindspore/issues/I73DOS

MindSpore/mindspore - Gitee.com

CVE-2023-2970: MindSpore json_helper.cc UpdateArray memory corruption (I73DOS)

vuldb.com
text/html

MISC vuldb.com/?id.230176

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mindspore	Mindspore	2.0.0	alpha	All	All
Application	Mindspore	Mindspore	2.0.0	rc1	All	All

cpe:2.3:a:mindspore:mindspore:2.0.0:alpha:*:*:*:*:*:*:

cpe:2.3:a:mindspore:mindspore:2.0.0:rc1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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