



CVE-2023-2970

Published on: Not Yet Published

Last Modified on: 11/07/2023 04:13:00 AM UTC

CVE-2023-2970

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

CVSS:31/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H



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	G MISC gitee.com/mindspore/mindspore/commit/30f4729ea2c01e1ed437ba92a81e2fc098d608a9
Login required	vuldb.com text/html Inactive Link Not Archived	V MISC vuldb.com/?ctiid.230176
【MD】 【FUZZ】UpdateArray 算子，存在coredump 的情况 · Issue #I73DOS ·	gitee.com text/html	G MISC gitee.com/mindspore/mindspore/issues/I73DOS

CVE-2023-2970:

[vuldb.com](#)
[text/html](#)

 [MISC vuldb.com/?id.230176](#)

MindSpore

json_helper.cc

UpdateArray memory
corruption (I73DOS)

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	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

[← Previous ID](#)

[Next ID →](#)

© [CVE.report](#) 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)