



CVE-2021-33648

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CVE-2021-33648

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

Certain versions of [Mindspore](#) from [Mindspore](#) contain the following vulnerability:

When performing the inference shape operation of Affine, Concat, MatMul, ArgMinMax, EmbeddingLookup, and Gather operators, if the input shape size is 0, it will access data outside of bounds of shape which allocated from heap buffers.

CVE-2021-33648 has been assigned by [securities@openeuler.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
security/security_advisory_list/mssa-2021-007_en.md · MindSpore/community - Gitee.com	gitee.com text/html	G MISC gitee.com/mindspore/community/blob/master/security/security_advisory_list/mssa-2021-007_en.md

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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
Application	Mindspore	Mindspore	All	All	All	All
cpe:2.3:a:mindspore:mindspore:*:*:*:*:openeuler:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-33648 : When performing the inference shape operation of Affine, Concat, MatMul, ArgMinMax, EmbeddingLooku... twitter.com/i/web/status/1...	2022-06-27 17:09:30
 /r/netcve	CVE-2021-33648	2022-06-27 17:38:54

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