



CVE-2022-31599

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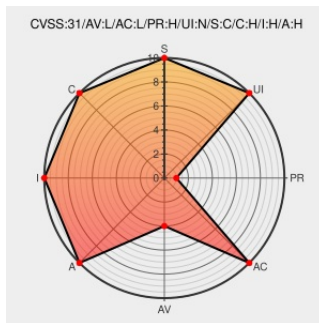
CVE-2022-31599

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of **Dgx A100** from **Nvidia** contain the following vulnerability:

NVIDIA DGX A100 contains a vulnerability in SBIOS in the Ofbd, where a local user with elevated privileges can cause access to an uninitialized pointer, which may lead to code execution, escalation of privileges, denial of service, and information disclosure. The scope of impact can extend to other components.

CVE-2022-31599 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA DGX A100** version **Versions prior to 22.5.5**

CVSS3 Score: **8.2 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA DGX A100 Firmware - June 2022	nvidia.custhelp.com	MISC

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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
Hardware 	Nvidia	Dgx A100	-	All	All	All
Operating System	Nvidia	Dgx A100 Firmware	All	All	All	All
cpe:2.3:h:nvidia:dgx_a100:-:*:*:*:*:*:						
cpe:2.3:o:nvidia:dgx_a100_firmware:*:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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 @CVEreport	CVE-2022-31599 : NVIDIA DGX A100 contains a vulnerability in SBIOS in the Ofbd, where a local user with elevated pr... twitter.com/i/web/status/1...	2022-07-04 18:16:31
 /r/netcve	CVE-2022-31599	2022-07-04 19:38:53

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