



CVE-2022-42276

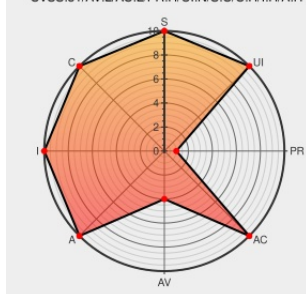
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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



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

NVIDIA DGX A100 contains a vulnerability in SBIOS in the SmiFlash, where a local user with elevated privileges can read, write and erase flash, 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-2022-42276 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA DGX servers** version = **All SBIOS firmware versions prior to 1.18**

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

CVE References

Description	Tags	Link
NVIDIA DGX A100 Server and DGX Station A100 - December 2022 NVIDIA	nvidia.custhelp.com text/html	MISC nvidia.custhelp.com/app/answers/detail/a_id/5435

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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:~::~~::~~::~~::~~::~~::~~::sbios:~::~~::~~:::						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVEreport	CVE-2022-42276 : NVIDIA DGX A100 contains a vulnerability in SBIOS in the SmiFlash, where a local user with elevate... twitter.com/i/web/status/1...					2023-01-13 02:04:28
 /r/netcve	CVE-2022-42276					2023-01-13 03:38:46

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