



CVE-2022-42278

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CVE-2022-42278

[Source: Mitre](#)

[Source: NIST](#)

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

NVIDIA BMC contains a vulnerability in SPX REST API, where an authorized attacker can read and write to arbitrary locations within the memory context of the IPMI server process, which may lead to code execution, denial of service, information disclosure and data tampering.

CVE-2022-42278 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 BMC firmware versions prior to 00.19.07**

CVSS3 Score: **7.8 - HIGH**

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

Find it/DGX from Github

NVIDIA BMC contains a vulnerability in SPX REST API, where an authorized attacker can read and write to arbitrary loc...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Nvidia	Bmc	All	All	All	All
Hardware 	Nvidia	Dgx A100	-	All	All	All
cpe:2.3:o:nvidia:bmc:*****:						
cpe:2.3:h:nvidia:dgx_a100:-:*****:						

No vendor comments have been submitted for this CVE

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 /r/netcve	CVE-2022-42278	2023-01-13 03:38:47

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