

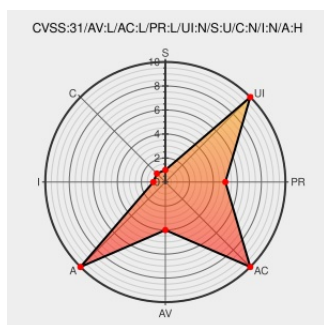


CVE-2020-35609

Published on: 12/22/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-35609

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

Certain versions of [Azure Sphere](#) from [Microsoft](#) contain the following vulnerability:

A denial-of-service vulnerability exists in the asynchronous ioctl functionality of Microsoft Azure Sphere 20.05. A sequence of specially crafted ioctl calls can cause a denial of service. An attacker can write shellcode to trigger this vulnerability.

CVE-2020-35609 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description	Tags	Link
TALOS-2020-1117 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory www.talosintelligence.com text/html	MISC www.talosintelligence.com/vulnerability_reports/TALOS-2020-1117

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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	Microsoft	Azure Sphere	20.05	All	All	All
Application	Microsoft	Azure Sphere	20.05	All	All	All
cpe:2.3:a:microsoft:azure_sphere:20.05:*****::						
cpe:2.3:a:microsoft:azure_sphere:20.05:*****::						

No vendor comments have been submitted for this CVE