CVE-2021-28180

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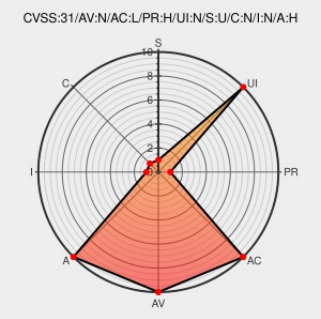
CVE-2021-28180 - advisory for TVN-202103007

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Asmb8-ikvm from Asus contain the following vulnerability:

The specific function in ASUS BMC's firmware Web management page (Audit log configuration setting) does not verify the string length entered by users, resulting in a Buffer overflow vulnerability. As obtaining the privileged permission, remote attackers use the leakage to abnormally terminate the Web service.

CVE-2021-28180 has been assigned by cve@cert.org.tw to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **ASUS** - **BMC firmware for Z10PR-D16** version **= 1.14.51**

Affected Vendor/Software: **ASUS** - **BMC firmware for ASMB8-iKVM** version **= 1.14.51**

Affected Vendor/Software: **ASUS** - **BMC firmware for Z10PE-D16 WS** version **= 1.14.2**

CVSS3 Score: 4.9 - MEDIUM

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

CVSS2 Score: 4 - MEDIUM

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

CVE References

Description	Tags	Link
TWCERT/CC台灣電腦網路危機處理暨協調中心-ASUS BMC's firmware: buffer overflow - 設定審核日誌配置	www.twcert.org.tw text/html	MISC www.twcert.org.tw/tw/cp-132-4550-5ee8c-1.html
官方支援 | ASUS 台灣	www.asus.com text/html	MISC www.asus.com/tw/support/callus/
ASUS Product Security Advisory | ASUS Global	www.asus.com text/html	MISC www.asus.com/content/ASUS-Product-Security-Advisory/

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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	Asus	Asmb8-ikvm	-	All	All	All
Operating System	Asus	Asmb8-ikvm Firmware	1.14.51	All	All	All
Hardware	Asus	Z10pe-d16 Ws	-	All	All	All
Operating System	Asus	Z10pe-d16 Ws Firmware	1.14.2	All	All	All
Hardware	Asus	Z10pr-d16	-	All	All	All
Operating System	Asus	Z10pr-d16 Firmware	1.14.51	All	All	All

cpe:2.3:h:asus:asmb8-ikvm:-:*:*:*:*:*:*:*:

cpe:2.3:o:asus:asmb8-ikvm_firmware:1.14.51:*:*:*:*:*:*:*:

cpe:2.3:h:asus:z10pe-d16_ws:-:*:*:*:*:*:*:*:

cpe:2.3:o:asus:z10pe-d16_ws_firmware:1.14.2:*:*:*:*:*:*:*:

cpe:2.3:h:asus:z10pr-d16:-:*:*:*:*:*:*:*:

cpe:2.3:o:asus:z10pr-d16_firmware:1.14.51:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-28180 : The specific function in ASUS BMC's firmware Web management page Audit log configuration setting… twitter.com/i/web/status/1…	2021-04-06 05:07:40

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