



CVE-2021-28181

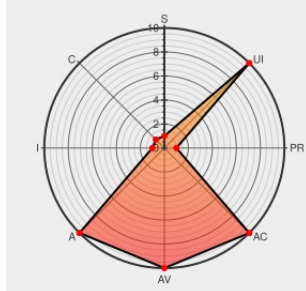
Published on: 04/06/2021 12:00:00 AM UTC

Last Modified on: 04/13/2021 01:00:00 PM UTC

CVE-2021-28181 - advisory for TVN-202103008

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

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



Certain versions of [Asmb8-ikvm](#) from [Asus](#) contain the following vulnerability:

The specific function in ASUS BMC's firmware Web management page (Remote video 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-2021-28181 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
官方支援 ASUS 台灣	www.asus.com text/html	 MISC www.asus.com/tw/support/callus/
TWCERT/CC台灣電腦網路危機處理暨協調中心-ASUS BMC's firmware: buffer overflow - 設定遠端視訊配置	www.twcert.org.tw text/html	 MISC www.twcert.org.tw/cp-132-4551-5dd2f-1.html
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

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
<pre>cpe:2.3:h:asus:asmb8-ikvm:-:~::~~::~~::~~::~~::~~::~~:::</pre>						
<pre>cpe:2.3:o:asus:asmb8-ikvm_firmware:1.14.51:~::~~::~~::~~::~~::~~::~~:::</pre>						
<pre>cpe:2.3:h:asus:z10pe-d16_ws:-:~::~~::~~::~~::~~::~~::~~:::</pre>						
<pre>cpe:2.3:o:asus:z10pe-d16_ws_firmware:1.14.2:~::~~::~~::~~::~~::~~::~~:::</pre>						
<pre>cpe:2.3:h:asus:z10pr-d16:-:~::~~::~~::~~::~~::~~::~~:::</pre>						
<pre>cpe:2.3:o:asus:z10pr-d16_firmware:1.14.51:~::~~::~~::~~::~~::~~::~~:::</pre>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
🔒@CVEreport	CVE-2021-28181 : The specific function in ASUS BMC's firmware Web management page Remote video configuration setti... twitter.com/i/web/status/1...	2021-04-06 05:08:02

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