



# CVE-2021-28183

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## CVE-2021-28183 - advisory for TVN-202103010

[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 (Web License 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-2021-28183 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>HIGH</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |



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