



# CVE-2021-28191

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## Summary

<b>CVE</b>	CVE-2021-28191
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@cert.org.tw
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-04-06 05:15:00 UTC
<b>Updated</b>	2021-04-13 16:22:00 UTC
<b>Description</b>	The Firmware update function in ASUS BMC's firmware Web management page does not verify the string length entered b

## Risk And Classification

### Problem Types: CWE-120

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Asus	Asmb9-ikvm	-	All	All	All
Operating System	Asus	Asmb9-ikvm Firmware	1.11.12	All	All	All
Hardware	Asus	E700 G4	-	All	All	All
Operating System	Asus	E700 G4 Firmware	1.14.1	All	All	All
Hardware	Asus	Esc4000 Dhd G4	-	All	All	All
Operating System	Asus	Esc4000 Dhd G4 Firmware	1.13.7	All	All	All
Hardware	Asus	Esc4000 G4	-	All	All	All
Hardware	Asus	Esc4000 G4x	-	All	All	All
Operating System	Asus	Esc4000 G4x Firmware	1.11.6	All	All	All
Operating System	Asus	Esc4000 G4 Firmware	1.15.2	All	All	All
Hardware	Asus	Esc8000 G4	-	All	All	All
Hardware	Asus	Esc8000 G4/10g	-	All	All	All
Operating System	Asus	Esc8000 G4/10g Firmware	1.15.4	All	All	All
Hardware	Asus	Esc8000 G4/10g	-	All	All	All
Operating System	Asus	Esc8000 G4/10g Firmware	1.15.4	All	All	All
Operating System	Asus	Esc8000 G4 Firmware	1.15.4	All	All	All
Hardware	Asus	Knpa-u16	-	All	All	All

Operating System	Asus	<a href="#">Knpa-u16 Firmware</a>	1.13.4	All	All	All
Hardware	Asus	<a href="#">Pro E800 G4</a>	-	All	All	All
Operating System	Asus	<a href="#">Pro E800 G4 Firmware</a>	1.14.2	All	All	All
Hardware	Asus	<a href="#">Rs100-e10-pi2</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs100-e10-pi2 Firmware</a>	1.13.6	All	All	All
Hardware	Asus	<a href="#">Rs300-e10-ps4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs300-e10-ps4 Firmware</a>	1.13.6	All	All	All
Hardware	Asus	<a href="#">Rs300-e10-rs4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs300-e10-rs4 Firmware</a>	1.13.6	All	All	All
Hardware	Asus	<a href="#">Rs500-e9-ps4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500-e9-ps4 Firmware</a>	1.15.4	All	All	All
Hardware	Asus	<a href="#">Rs500-e9-rs4</a>	-	All	All	All
Hardware	Asus	<a href="#">Rs500-e9-rs4-u</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500-e9-rs4-u Firmware</a>	1.15.4	All	All	All
Operating System	Asus	<a href="#">Rs500-e9-rs4 Firmware</a>	1.15.4	All	All	All
Hardware	Asus	<a href="#">Rs500a-e10-ps4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500a-e10-ps4 Firmware</a>	1.15.2	All	All	All
Hardware	Asus	<a href="#">Rs500a-e10-rs4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500a-e10-rs4 Firmware</a>	1.15.2	All	All	All
Hardware	Asus	<a href="#">Rs500a-e9-ps4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500a-e9-ps4 Firmware</a>	1.14.1	All	All	All
Hardware	Asus	<a href="#">Rs500a-e9-rs4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500a-e9-rs4 Firmware</a>	1.14.1	All	All	All
Hardware	Asus	<a href="#">Rs500a-e9 Rs4 U</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs500a-e9 Rs4 U Firmware</a>	1.14.1	All	All	All
Hardware	Asus	<a href="#">Rs520-e9-rs12-e</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs520-e9-rs12-e Firmware</a>	1.15.3	All	All	All
Hardware	Asus	<a href="#">Rs520-e9-rs8</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs520-e9-rs8 Firmware</a>	1.15.3	All	All	All
Hardware	Asus	<a href="#">Rs700-e9-rs12</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs700-e9-rs12 Firmware</a>	1.11.5	All	All	All
Hardware	Asus	<a href="#">Rs700-e9-rs4</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs700-e9-rs4 Firmware</a>	1.09	All	All	All
Hardware	Asus	<a href="#">Rs700a-e9-rs12v2</a>	-	All	All	All
Operating System	Asus	<a href="#">Rs700a-e9-rs12v2 Firmware</a>	1.15.1	All	All	All

Hardware	Asus	Rs700a-e9-rs4	-	All	All	All
Hardware	Asus	Rs700a-e9-rs4v2	-	All	All	All
Operating System	Asus	Rs700a-e9-rs4v2 Firmware	1.15.1	All	All	All
Operating System	Asus	Rs700a-e9-rs4 Firmware	1.10.0	All	All	All
Hardware	Asus	Rs720-e9-rs12-e	-	All	All	All
Operating System	Asus	Rs720-e9-rs12-e Firmware	1.15.2	All	All	All
Hardware	Asus	Rs720-e9-rs24-u	-	All	All	All
Operating System	Asus	Rs720-e9-rs24-u Firmware	1.14.3	All	All	All
Hardware	Asus	Rs720-e9-rs8-g	-	All	All	All
Operating System	Asus	Rs720-e9-rs8-g Firmware	1.15.2	All	All	All
Hardware	Asus	Rs720a-e9-rs12v2	-	All	All	All
Operating System	Asus	Rs720a-e9-rs12v2 Firmware	1.15.2	All	All	All
Hardware	Asus	Rs720a-e9-rs24-e	-	All	All	All
Operating System	Asus	Rs720a-e9-rs24-e Firmware	1.10.3	All	All	All
Hardware	Asus	Rs720a-e9-rs24v2	-	All	All	All
Operating System	Asus	Rs720a-e9-rs24v2 Firmware	1.15.1	All	All	All
Hardware	Asus	Rs720q-e9-rs24-s	-	All	All	All
Operating System	Asus	Rs720q-e9-rs24-s Firmware	1.15.0	All	All	All
Hardware	Asus	Rs720q-e9-rs8	-	All	All	All
Hardware	Asus	Rs720q-e9-rs8-s	-	All	All	All
Operating System	Asus	Rs720q-e9-rs8-s Firmware	1.15.0	All	All	All
Operating System	Asus	Rs720q-e9-rs8 Firmware	1.15.0	All	All	All
Hardware	Asus	Ws C422 Pro/se	-	All	All	All
Operating System	Asus	Ws C422 Pro/se Firmware	1.14.1	All	All	All
Hardware	Asus	Ws C422 Pro/se	-	All	All	All
Operating System	Asus	Ws C422 Pro/se Firmware	1.14.1	All	All	All
Hardware	Asus	Ws C621e Sage	-	All	All	All
Operating System	Asus	Ws C621e Sage Firmware	1.15.1	All	All	All
Hardware	Asus	Ws X299 Pro/se	-	All	All	All
Operating System	Asus	Ws X299 Pro/se Firmware	1.14.1	All	All	All
Hardware	Asus	Ws X299 Pro/se	-	All	All	All
Operating System	Asus	Ws X299 Pro/se Firmware	1.14.1	All	All	All
Hardware	Asus	Z11pa-d8	-	All	All	All
Hardware	Asus	Z11pa-d8c	-	All	All	All
Operating System	Asus	Z11pa-d8c Firmware	1.14.1	All	All	All

Operating System	Asus	Z11pa-d8 Firmware	1.14.1	All	All	All
Hardware	Asus	Z11pa-u12	-	All	All	All
Hardware	Asus	Z11pa-u12/10g-2s	-	All	All	All
Operating System	Asus	Z11pa-u12/10g-2s Firmware	1.15.1	All	All	All
Hardware	Asus	Z11pa-u12/10g-2s	-	All	All	All
Operating System	Asus	Z11pa-u12/10g-2s Firmware	1.15.1	All	All	All
Operating System	Asus	Z11pa-u12 Firmware	1.15.1	All	All	All
Hardware	Asus	Z11pr-d16	-	All	All	All
Operating System	Asus	Z11pr-d16 Firmware	1.15.3	All	All	All

## References

Reference	Source	Link	Ta
官方支援   ASUS 台灣	CONFIRM	<a href="http://www.asus.com">www.asus.com</a>	
TWCERT/CC台灣電腦網路危機處理暨協調中心-ASUS BMC's firmware: buffer overflow - 韌體更新功能	CONFIRM	<a href="http://www.twcert.org.tw">www.twcert.org.tw</a>	
ASUS Product Security Advisory   ASUS Global	CONFIRM	<a href="http://www.asus.com">www.asus.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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