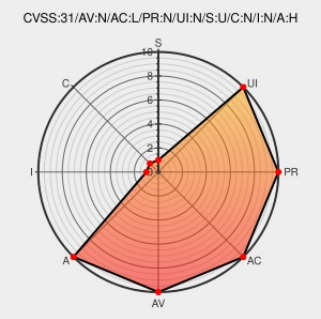
CVE-2021-3166

Published on: 01/17/2021 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:28:53 PM UTC

CVE-2021-3166

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



Certain versions of Dsl-n14u B1 from Asus contain the following vulnerability:

An issue was discovered on ASUS DSL-N14U-B1 1.1.2.3_805 devices. An attacker can upload arbitrary file content as a firmware update when the filename Settings_DSL-N14U-B1.trx is used. Once this file is loaded, shutdown measures on a wide range of services are triggered as if it were a real update, resulting in a persistent outage of those services.

CVE-2021-3166 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
kaisersource.github.io/2021-01-17-dsl-n14u.md at main ·	Exploit, Third Party Advisory	MISC github.com/kaisersource/kaisersource.github.io/blob/main/_posts/2021-

kaisersource/kaisersource.github.io · GitHub	github.com text/html	01-17-dsl-n14u.md
Asus DSL-N14U DoS	Exploit Third Party Advisory kaisersource.github.io text/html	MISC kaisersource.github.io/dsl-n14u

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Mastering CVE-2021-3166

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Asus	Dsl-n14u B1	-	All	All	All
Hardware	Asus	Dsl-n14u B1	-	All	All	All
Hardware	Asus	Dsl-n14u B1	-	All	All	All
Operating System	Asus	Dsl-n14u B1 Firmware	1.1.2.3_805	All	All	All
Operating System	Asus	Dsl-n14u B1 Firmware	1.1.2.3_805	All	All	All

cpe:2.3:h:asus:dsl-n14u_b1:-:*:*:*:*:*:*:*:

cpe:2.3:h:asus:dsl-n14u_b1:-:*:*:*:*:*:*:*:

cpe:2.3:h:asus:dsl-n14u_b1:-:*:*:*:*:*:*:*:

cpe:2.3:o:asus:dsl-n14u_b1_firmware:1.1.2.3_805:*:*:*:*:*:*:*:

cpe:2.3:o:asus:dsl-n14u_b1_firmware:1.1.2.3_805:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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