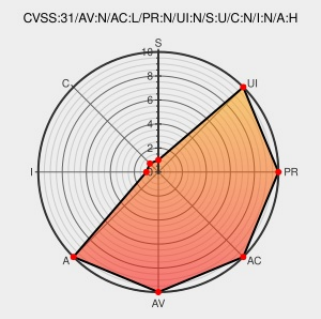
CVE-2021-40368

Published on: Not Yet Published

Last Modified on: 08/10/2022 08:27:00 PM UTC

CVE-2021-40368

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



Certain versions of Simatic S7-400h V6 from Siemens contain the following vulnerability:

A vulnerability has been identified in SIMATIC S7-400 H V6 CPU family (incl. SIPLUS variants) (All versions < V6.0.10), SIMATIC S7-400 PN/DP V7 CPU family (incl. SIPLUS variants) (All versions), SIMATIC S7-410 V10 CPU family (incl. SIPLUS variants) (All versions < V10.1), SIMATIC S7-410 V8 CPU family (incl. SIPLUS variants) (All versions < V8.2.3). Affected devices improperly handle specially crafted packets sent to port 102/tcp. This could allow an attacker to create a Denial-of-Service condition. A restart is needed to restore normal operations.

CVE-2021-40368 has been assigned by productcert@siemens.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Siemens** - **SIMATIC S7-400 H V6 CPU family (incl. SIPLUS variants)** version **All versions < V6.0.10**

Affected Vendor/Software: **Siemens** - **SIMATIC S7-400 PN/DP V7 CPU family (incl. SIPLUS variants)** version **All versions**

Affected Vendor/Software: **Siemens** - **SIMATIC S7-410 V10 CPU family (incl. SIPLUS variants)** version **All versions < V10.1**

Affected Vendor/Software: **Siemens** - **SIMATIC S7-410 V8 CPU family (incl. SIPLUS variants)** version **All versions < V8.2.3**

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
	cert-portal.siemens.com application/pdf	MISC cert-portal.siemens.com/productcert/pdf/ssa-557541.pdf

Related QID Numbers

590853 Siemens SIMATIC S7-400 Vulnerability (icsa-22-104-12) (ssa-557541)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Siemens	Simatic S7-400h V6	-	All	All	All
Operating System	Siemens	Simatic S7-400h V6 Firmware	All	All	All	All
Hardware	Siemens	Simatic S7-400 Pn/dp V7	-	All	All	All
Operating System	Siemens	Simatic S7-400 Pn/dp V7 Firmware	All	All	All	All
Hardware	Siemens	Simatic S7-410 V10	-	All	All	All
Operating System	Siemens	Simatic S7-410 V10 Firmware	All	All	All	All
Hardware	Siemens	Simatic S7-410 V8	-	All	All	All
Operating System	Siemens	Simatic S7-410 V8 Firmware	All	All	All	All

cpe:2.3:h:siemens:simatic_s7-400h_v6:-:*:*:*:*:*:*:*:

cpe:2.3:o:siemens:simatic_s7-400h_v6_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:siemens:simatic_s7-400_pn\/dp_v7:-:*:*:*:*:*:*:*:

cpe:2.3:o:siemens:simatic_s7-400_pn\/dp_v7_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:siemens:simatic_s7-410_v10:-:*:*:*:*:*:*:*:

cpe:2.3:o:siemens:simatic_s7-410_v10_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:siemens:simatic_s7-410_v8:-:*:*:*:*:*:*:*:

cpe:2.3:o:siemens:simatic_s7-410_v8_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-40368 : A vulnerability has been identified in SIMATIC S7-400 H V6 CPU family incl. SIPLUS variants All… twitter.com/i/web/status/1…	2022-04-12 09:20:35
/r/netcve	CVE-2021-40368	2022-04-12 10:38:59

← Previous ID

Next ID→