CVE-2021-45918

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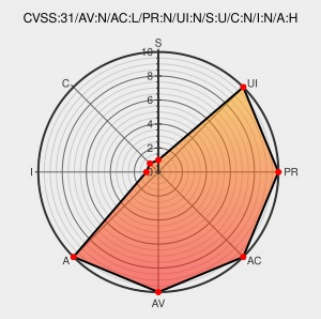
CVE-2021-45918 - advisory for TVN-202112007

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



Certain versions of Health Insurance Web Service Component from Nhi contain the following vulnerability:

NHI's health insurance web service component has insufficient validation for input string length, which can result in heap-based buffer overflow attack. A remote attacker can exploit this vulnerability to flood the memory space reserved for the program, in order to terminate service without authentication, which requires a system restart to recover service.

CVE-2021-45918 has been assigned by cve@cert.org.tw to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **NHI** - **health insurance web service component** version = **515BE7DE5BCE446177FEE8A6E0665093**

Affected Vendor/Software: **NHI** - **health insurance web service component** version = **42fcc36541e716e23de77d5f325b186a**

Affected Vendor/Software: **NHI** - **health insurance web service component** version = **52EACB7CA2B4D0A5A869DF01079BF4D6**

Affected Vendor/Software: **NHI** - **health insurance web service component** version = **52EACB7CA2B4D0A5A869DF01079BF4D6**

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: 7.8 - HIGH

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

NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
TWCERT/CC台灣電腦網路危機處理暨協調中心|企業資安通報協處|資安情資分享|漏洞通報|資安聯盟|資安電子報-健保卡網路服務元件 - Heap-based Buffer Overflow	www.twcert.org.tw text/html	MISC www.twcert.org.tw/tw/cp-132-6227-eaf49-1.html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nhi	Health Insurance Web Service Component	-	All	All	All

cpe:2.3:a:nhi:health_insurance_web_service_component:-:*:*:*:*:*:*:*:

Discovery Credit

Yu-Hsiang Lin

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-45918 : NHI's health insurance web service component has insufficient validation for input string length,… twitter.com/i/web/status/1…	2022-06-20 05:35:23
/r/netcve	CVE-2021-45918	2022-06-20 06:38:13

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