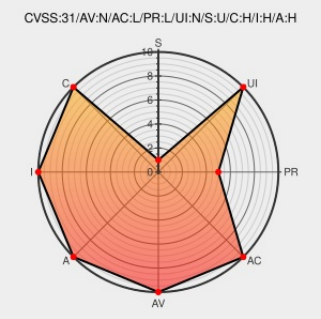
CVE-2021-27406

Published on: Not Yet Published

Last Modified on: 10/18/2022 01:38:00 PM UTC

CVE-2021-27406

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



Certain versions of Openvpn-client from Perfact contain the following vulnerability:

An attacker can take leverage on PerFact OpenVPN-Client versions 1.4.1.0 and prior to send the config command from any application running on the local host machine to force the back-end server into initializing a new open-VPN instance with arbitrary open-VPN configuration. This could result in the attacker achieving execution with privileges of a SYSTEM user.

CVE-2021-27406 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **PerFact** - **OpenVPN-Client** version **<= 1.4.1.0**

CVSS3 Score: 8.8 - HIGH

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

CVE References

Description	Tags	Link
PerFact OpenVPN-Client | CISA	www.cisa.gov text/html	CONFIRM www.cisa.gov/uscert/ics/advisories/icsa-21-056-01

Related QID Numbers

590963 PerFact Open Virtual Private Network (OpenVPN) Client Multiple Vulnerabilities (ICSA-21-056-01)

Exploit/POC from Github

An attacker can take leverage on PerFact OpenVPN-Client versions 1.4.1.0 and prior to send the config command from an…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Perfact	Openvpn-client	All	All	All	All

cpe:2.3:a:perfact:openvpn-client:*:*:*:*:*:*:*:*:

Discovery Credit

Sharon Brizinov of Claroty reported this vulnerability to CISA.

Social Mentions

Source	Title	Posted (UTC)
@CSTOOL_io	"Code Execution Vulnerabilities Affect OpenVPN-Based Applications", including Siemens products: attacksrfc.cstool.io/cve/CVE-2021-2…	2021-11-23 07:39:09
@cybermindy	@Claroty Cool research! Would anyone know why CVE-2021-27406 does not have a NIST entry? It was reserved in February, still no details	2021-11-26 18:52:42
@CVEreport	CVE-2021-27406 : An attacker can take leverage on PerFact OpenVPN-Client versions 1.4.1.0 and prior to send the con… twitter.com/i/web/status/1…	2022-10-14 17:06:15
/r/netcve	CVE-2021-27406	2022-10-14 18:38:56

← Previous ID

Next ID→