CVE-2020-3556

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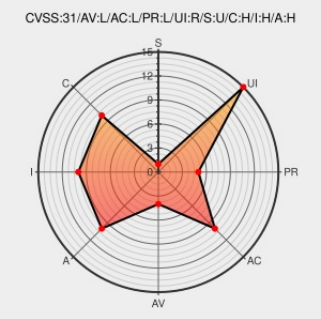
CVE-2020-3556 - advisory for cisco-sa-anyconnect-ipc-KfQO9QhK

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



Certain versions of Anyconnect Secure Mobility Client from Cisco contain the following vulnerability:

A vulnerability in the interprocess communication (IPC) channel of Cisco AnyConnect Secure Mobility Client Software could allow an authenticated, local attacker to cause a targeted AnyConnect user to execute a malicious script. The vulnerability is due to a lack of authentication to the IPC listener. An attacker could exploit this vulnerability by sending crafted IPC messages to the AnyConnect client IPC listener. A successful exploit could allow an attacker to cause the targeted AnyConnect user to execute a script. This script would execute with the privileges of the targeted AnyConnect user. In order to successfully exploit this vulnerability, there must be an ongoing AnyConnect session by the targeted user at the time of the attack. To exploit this vulnerability, the attacker would also need valid user credentials on the system upon which the AnyConnect client is being run. Cisco has not released software updates that address this vulnerability.

CVE-2020-3556 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as HIGH severity.

The Cisco Product Security Incident Response Team (PSIRT) is aware that proof-of-concept exploit code is available for the vulnerability described in this advisory.

Affected Vendor/Software: **Cisco** - **Cisco AnyConnect Secure Mobility Client** version **n/a**

CVSS3 Score: 7.3 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 4.4 - MEDIUM

Access Vector	Access Complexity	Authentication

Vector	Complexity	
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Cisco AnyConnect Secure Mobility Client Arbitrary Code Execution Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20201104 Cisco AnyConnect Secure Mobility Client Arbitrary Code Execution Vulnerability

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Anyconnect Secure Mobility Client	4.9\(3052\)	All	All	All
Application	Cisco	Anyconnect Secure Mobility Client	98.145\(86\)	All	All	All
Application	Cisco	Anyconnect Secure Mobility Client	4.9\(3052\)	All	All	All
Application	Cisco	Anyconnect Secure Mobility Client	98.145\(86\)	All	All	All

cpe:2.3:a:cisco:anyconnect_secure_mobility_client:4.9\(3052\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:anyconnect_secure_mobility_client:98.145\(86\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:anyconnect_secure_mobility_client:4.9\(3052\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:anyconnect_secure_mobility_client:98.145\(86\):*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@yipcw	Cisco fixes 6-month-old AnyConnect VPN zero-day with exploit code CVE-2020-3556 bleepingcomputer.com/news/security/…	2021-05-13 17:24:00
@tempest_sec	A Cisco publicou correções para a vulnerabilidade CVE-2020-3556 (CVSS 7.3) que trata de uma falha no canal de comun… twitter.com/i/web/status/1…	2021-05-14 15:06:10
@mschlenker	@Cisco_Germany @Cisco CVE-2020-3556?	2021-07-07 19:26:18
	Anyconnect zero day exploit effect on openconnect	2021-05-31

/r/linuxquestions 06:01:23

← Previous ID Next ID→