



# CVE-2021-40831

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#) 

## Summary

<b>CVE</b>	CVE-2021-40831
<b>State</b>	PUBLIC
<b>Assigner</b>	cve-notifications-us@f-secure.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-11-23 00:15:00 UTC
<b>Updated</b>	2021-12-02 14:50:00 UTC
<b>Description</b>	The AWS IoT Device SDK v2 for Java, Python, C++ and Node.js appends a user supplied Certificate Authority (CA) to the r

## Risk And Classification

**Problem Types:** CWE-295

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Editor
Application	<a href="#">Amazon</a>	<a href="#">Amazon Web Services Aws-c-io</a>	0.10.7	All	All
Application	<a href="#">Amazon</a>	<a href="#">Amazon Web Services Internet Of Things Device Software Development Kit V2</a>	All	All	All
Application	<a href="#">Amazon</a>	<a href="#">Amazon Web Services Internet Of Things Device Software Development Kit V2</a>	All	All	All
Application	<a href="#">Amazon</a>	<a href="#">Amazon Web Services Internet Of Things Device Software Development Kit V2</a>	All	All	All
Application	<a href="#">Amazon</a>	<a href="#">Amazon Web Services Internet Of Things Device Software Development Kit V2</a>	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Macos</a>	-	All	All

## References

Reference	Source
<a href="#">GitHub - aws/aws-iot-device-sdk-cpp-v2: Next generation AWS IoT Client SDK for C++ using the AWS Common Runtime</a>	MISC
<a href="#">GitHub - aws/aws-iot-device-sdk-js-v2: Next generation AWS IoT Client SDK for Node.js using the AWS Common Runtime</a>	MISC
<a href="#">GitHub - awslabs/aws-c-io: This is a module for the AWS SDK for C. It handles all IO and TLS work for application protocols.</a>	MISC
<a href="#">GitHub - aws/aws-iot-device-sdk-java-v2: Next generation AWS IoT Client SDK for Java using the AWS Common Runtime</a>	MISC
<a href="#">GitHub - aws/aws-iot-device-sdk-python-v2: Next generation AWS IoT Client SDK for Python using the AWS Common Runtime</a>	MISC
<a href="#">CVE Program record</a>	CVE.ORG
<a href="#">NVD vulnerability detail</a>	NVD

## Vendor Comments And Credit

Discovery Credit

**LEGACY: F-Secure**

## Legacy QID Mappings

980016 Python (pip) Security Update for awsiotsdk (GHSA-j3f7-7rmc-6wqj)

980017 Nodejs (npm) Security Update for aws-iot-device-sdk-v2 (GHSA-j3f7-7rmc-6wqj)

980018 Java (maven) Security Update for software.amazon.awssdk.iotdevicesdk:aws-iot-device-sdk (GHSA-j3f7-7rmc-6wqj)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)