



CVE-2021-40828

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-40828
State	PUBLIC
Assigner	cve-notifications-us@f-secure.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-11-23 00:15:00 UTC
Updated	2021-12-02 14:32:00 UTC
Description	Connections initialized by the AWS IoT Device SDK v2 for Java (versions prior to 1.3.3), Python (versions prior to 1.5.18), C

Risk And Classification

Problem Types: CWE-295

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Editio
Application	Amazon	Amazon Web Services Aws-c-io	All	All	All
Application	Amazon	Amazon Web Services Internet Of Things Device Software Development Kit V2	All	All	All
Application	Amazon	Amazon Web Services Internet Of Things Device Software Development Kit V2	All	All	All
Application	Amazon	Amazon Web Services Internet Of Things Device Software Development Kit V2	All	All	All
Application	Amazon	Amazon Web Services Internet Of Things Device Software Development Kit V2	All	All	All
Operating System	Microsoft	Windows	-	All	All

References

Reference	Source
GitHub - aws/aws-iot-device-sdk-cpp-v2: Next generation AWS IoT Client SDK for C++ using the AWS Common Runtime	MISC
GitHub - aws/aws-iot-device-sdk-js-v2: Next generation AWS IoT Client SDK for Node.js using the AWS Common Runtime	MISC
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.	MISC
GitHub - aws/aws-iot-device-sdk-java-v2: Next generation AWS IoT Client SDK for Java using the AWS Common Runtime	MISC
GitHub - aws/aws-iot-device-sdk-python-v2: Next generation AWS IoT Client SDK for Python using the AWS Common Runtime	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

LEGACY: F-Secure

Legacy QID Mappings

980013 Python (pip) Security Update for awsiotsdk (GHSA-94jq-q5v2-76wj)

980014 Nodejs (npm) Security Update for aws-iot-device-sdk-v2 (GHSA-94jq-q5v2-76wj)

980015 Java (maven) Security Update for software.amazon.awssdk.iotdevicesdk:aws-iot-device-sdk (GHSA-94jq-q5v2-76wj)

© [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](#)