مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerability in IBM Common Cryptographic Architecture (CCA)

Tracking #:432318379

Date:10-02-2026

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical vulnerability in IBM Common Cryptographic Architecture (CCA) that may allow arbitrary command execution with elevated privileges, posing a significant risk to the confidentiality, integrity, and availability of affected systems.

TECHNICAL DETAILS:

A critical vulnerability has been identified in IBM Common Cryptographic Architecture (CCA), which is used to interface with IBM Hardware Security Modules (HSMs). The vulnerability may allow an unauthenticated attacker to execute arbitrary commands with elevated privileges, leading to severe impact on affected systems.

Vulnerability Details

- **CVE-2025-13375**
- **CVSS v3.1 Base Score:** 9.8 (Critical)
- **CWE:** CWE-250 – Execution with Unnecessary Privileges
- IBM Common Cryptographic Architecture (CCA) contains a flaw that could allow an unauthenticated remote attacker to execute arbitrary commands with elevated privileges on the affected system. Successful exploitation may result in complete compromise of confidentiality, integrity, and availability.

Affected Products

- CCA 7 MTM for 4769 – versions prior to 7.5.53
- CCA 8 MTM for 4770 – versions prior to 8.4.84
- IBM 4769 Developers Toolkit – versions prior to 7.5.53
- Platforms: IBM AIX, IBM i, IBM PowerLinux, Linux (Intel x86)

Fixed Versions

- CCA 7 MTM for 4769: Upgrade to 7.5.53
- CCA 8 MTM for 4770: Upgrade to 8.4.84
- IBM 4769 Developers Toolkit: Upgrade to 7.5.53
- IBM i: Apply the relevant IBM i PTFs for affected releases as provided by IBM

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the fixed or latest versions released by IBM.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://www.ibm.com/support/pages/node/7259625