CYBER ADVISORY

Tuesday, February 10, 2026

CAL-CSIC-202602-A-006

Critical Vulnerability in IBM Common Cryptographic Architecture (CCA)

Arbitrary Command Execution | Privilege Escalation | Unauthenticated Attacker | Patching Available

The California Cybersecurity Integration Center (Cal-CSIC) has identified a critical vulnerability impacting IBM Common Cryptographic Architecture (CCA). CVE-2025-13375 carries a CVSS 3.1 score of 9.8.[1] Successful exploitation allows an attacker to gain access to increased privileges to execute scripting code or other web objects such as unsigned ActiveX controls or applets. This can result in the attacker gaining access to sensitive data, execute unauthorized modifications to data, and disrupt system operations through complete denial of service (DoS).[2]

CVE-2025-13375 has not been confirmed to be exploited in the wild and not as a zero-day. The vendor has issued a security advisory with patching and mitigation instructions.

The Cal-CSIC recommends immediately following the vendor's guidance in mitigation, to include immediate upgrading to the latest firmware levels.[3] For further information on IBM's security advisory please use this link:

Security Advisory

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

Affected Product:

Product Name/Platform	Affected Version	Fixed Version	Fixed Firmware Level
CCA 7 MTM for 4769 IBM AIX, IBM i, IBM PowerLinux, Linux (Intel x86 platforms)	7.5.52	7.5.53	segment-1: 7.0.80 segment-2: 7.5.53 segment-3: 7.5.53
CCA 8 MTM for 4770 IBM AIX, IBM i, IBM PowerLinux, Linux (Intel x86 platforms)	8.4.82	8.4.84	segment-1: 8.0.90 segment-2: 8.4.84 segment-3: 8.4.84
IBM 4769 Developers Toolkit	7.5.52	7.5.53	

References

[1] NVD; "CVE-2025-13375 Detail"; https://nvd.nist.gov/vuln/detail/CVE-2025-13375; accessed 9 February 2026

[2] Akaoma; "CVE-2025-13375 Vulnerability Analysis and Exploit Details"; https://cve.akaoma.com/cve-2025-13375; accessed 9 February 2026

[3] IBM; "Security Bulletin: Vulnerability in IBM's Common Cryptographic Architecture (CCA) (CVE-2025-13375) "; https://www.ibm.com/support/pages/node/7259625; accessed 9 February 2026