مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerabilities in IBM AIX

Tracking #:432317000

Date:21-03-2025

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that IBM has issued a security bulletin addressing two critical vulnerabilities in AIX. These vulnerabilities could allow remote attackers to execute arbitrary commands on affected systems.

TECHNICAL DETAILS:

Critical-Severity Vulnerabilities:

- CVE-2024-56346 (CVSS 10.0):
  - Affects the IBM AIX nimesis NIM master service
  - Allows remote attackers to execute arbitrary commands due to improper process controls
- CVE-2024-56347 (CVSS 9.6):
  - Affects the IBM AIX nimsh service SSL/TLS protection mechanisms
  - Enables remote attackers to execute arbitrary commands due to improper process controls

Both vulnerabilities can be exploited remotely with low complexity attacks requiring no privileges. The affected filesets include bos.sysmgt.nim.client, bos.sysmgt.nim.master, and bos.sysmgt.sysbr

Affected Versions:

- IBM AIX versions 7.2 and 7.3

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the mitigation or workaround provided 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/7186621