مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Multiple Vulnerabilities in Lenovo XClarity Controller

Tracking #:432316270
Date:13-09-2024

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Lenovo released a security advisory addressing multiple vulnerabilities in its XClarity Controller (XCC).

TECHNICAL DETAILS:

Lenovo has released a security advisory addressing multiple vulnerabilities in its XClarity Controller (XCC). These vulnerabilities could allow an authenticated attacker with elevated privileges to gain unauthorized access or execute arbitrary commands on the affected system.

High-Severity Vulnerabilities Details:

- **CVE- 2024-8278**
  - A privilege escalation vulnerability in XCC that could allow a valid, authenticated XCC user with elevated privileges to perform command injection via specially crafted IPMI commands.

- **CVE- 2024-8279**
  - A privilege escalation vulnerability in XCC that could allow a valid, authenticated XCC user with elevated privileges to perform command injection via specially crafted file uploads.

- **CVE- 2024-8280**
  - An input validation weakness in XCC that could allow a valid, authenticated XCC user with elevated privileges to perform command injection or cause a recoverable denial of service using a specially crafted file.

- **CVE- 2024-8281**
  - An input validation weakness in XCC that could allow a valid, authenticated XCC user with elevated privileges to perform command injection through specially crafted command line input.

- **CVE- 2024-8059**
  - IPMI credentials may be captured in XCC audit log entries when the account username length is 16 characters.

Impact:
Successful exploitation of these vulnerabilities could lead to unauthorized access to systems and data, remote code execution, or denial of service.

Note: Click **here** for more information on the vulnerabilities, affected products and updates.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade the affected versions to the fixed versions at the earliest.

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://support.lenovo.com/sa/en/product_security/ps500654-lenovo-xclarity-controller-xcc-vulnerabilities#ThinkSystem