مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerability in ASUS Routers

Tracking #:432317096

Date:21-04-2025

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security council has observed ASUS has disclosed a critical vulnerability (CVE-2025-2492) affecting multiple router firmware versions with the AiCloud feature enabled .

TECHNICAL DETAILS:

ASUS has disclosed a critical vulnerability (CVE-2025-2492) affecting multiple router firmware versions with the AiCloud feature enabled. This flaw, rated 9.2 (Critical) on the CVSSv4 scale, allows remote, unauthenticated attackers to execute unauthorized functions on affected routers. The vulnerability is due to improper authentication controls and can be exploited via specially crafted requests. ASUS has released firmware updates to address this issue and strongly urges all users to update immediately to secure their networks.

Vulnerability Details:

- **CVE Identifier:** CVE-2025-2492
- **Severity:** Critical (CVSSv4: 9.2)
- **Affected Feature:** AiCloud (cloud-based remote access for ASUS routers)
- **Attack Vector:** Remote, unauthenticated exploitation via crafted requests
- **Potential Impact:** Unauthorized remote execution of router functions, network compromise, exposure of connected devices, and potential use in DDoS botnets
- **Affected Firmware Series:** 3.0.0.4_382, 3.0.0.4_386, 3.0.0.4_388, 3.0.0.6_102 series.

Disable Risky Services (if immediate update is not possible or router is end-of-life):

- Disable AiCloud
- Disable remote access from WAN
- Disable port forwarding, DDNS, VPN server, DMZ, FTP, and port triggering
- Ensure no services are exposed to the internet unnecessarily

RECOMMENDATIONS:

- Download and install the latest firmware router model from the official ASUS support page or product page.
- Strengthen Authentication Controls with complex passwords.
- Periodically review router's security settings and ensure all firmware and passwords are up to date.

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.asus.com/content/asus-product-security-advisory/