



# ASUS RT-AX55 Routers OS Command Injection Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-39780
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-11 19:15:00 UTC
<b>Updated</b>	2023-09-14 17:43:00 UTC
<b>Description</b>	ASUS RT-AX55 v3.0.0.4.386.51598 was discovered to contain an authenticated command injection vulnerability.

## Risk And Classification

**EPSS:** 0.410920000 probability, percentile 0.974000000 (date 2026-04-22)

**CISA KEV:** Listed on 2025-06-02; due 2025-06-23; ransomware use Unknown

**Problem Types:** CWE-77

## CISA Known Exploited Vulnerability

<b>Vendor</b>	ASUS
<b>Product</b>	RT-AX55 Routers
<b>Name</b>	ASUS RT-AX55 Routers OS Command Injection Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions, follow applicable BOD 22-01 guidance for cloud services, or discontinue use of the product if mitigations are unavailable.
<b>Notes</b>	<a href="https://www.asus.com/networking-iot-servers/wifi-6/all-series/rt-ax55/helpdesk_bios/?model2Name=RT-AX55">https://www.asus.com/networking-iot-servers/wifi-6/all-series/rt-ax55/helpdesk_bios/?model2Name=RT-AX55</a> ; <a href="https://www.asus.com/content/asus-product-security-advisory/">https://www.asus.com/content/asus-product-security-advisory/</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-39780">https://nvd.nist.gov/vuln/detail/CVE-2023-39780</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Asus</a>	<a href="#">Rt-ax55</a>	-	All	All	All
Operating System	<a href="#">Asus</a>	<a href="#">Rt-ax55 Firmware</a>	3.0.0.4.386.51598	All	All	All

## References

Reference	Source	Link	Tags
0x01 Vulnerability Description	MISC	<a href="#">github.com</a>	

0x01 Vulnerability Description	MISC	<a href="https://github.com">github.com</a>	
0x01 Vulnerability Description	MISC	<a href="https://github.com">github.com</a>	
0x01 Vulnerability Description	MISC	<a href="https://github.com">github.com</a>	
0x01 Vulnerability Description	MISC	<a href="https://github.com">github.com</a>	
0x01 Vulnerability Description	MISC	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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