



# Edimax BR-6478AC V3 formSysCmd sub\_44CCE4 os command injection

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

## Summary

<b>CVE</b>	CVE-2025-14094
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-12-05 17:16:02 UTC
<b>Updated</b>	2026-04-29 01:00:01 UTC
<b>Description</b>	A flaw has been found in Edimax BR-6478AC V3 1.0.15. The affected element is the function sub_44CCE4 of the file /boaf

## Risk And Classification

**Primary CVSS:** v4.0 2 LOW from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**Problem Types:** CWE-77 | CWE-78 | CWE-78 OS Command Injection | CWE-77 Command Injection

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	2	LOW	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/C
4.0	CNA	DECLARED	5.1	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	cna@vuldb.com	Secondary	4.7	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	4.7	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	4.7	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	5.8		AV:N/AC:L/Au:M/C:P/I:P/A:P
2.0	CNA	DECLARED	5.8		AV:N/AC:L/Au:M/C:P/I:P/A:P/E:POC/RL:ND/RC:UR

## CVSS v4.0 Breakdown

Attack Vector

**Network**

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

### CVSS v3.0 Breakdown

Attack Vector

Attack Vector

Network

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Edimax	Br-6478ac V3	-	All	All	All
Operating System	Edimax	Br-6478ac V3 Firmware	1.0.15	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Edimax	BR-6478AC V3	affected 1.0.15	Not specified

### References

Reference	Source	Link	Tags
vuldb.com	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Permissions Required, VDB Entry
vuldb.com	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Third Party Advisory, VDB Entry
vuldb.com	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Third Party Advisory, VDB Entry
github.com/Kriswu1337/CVE/blob/main/EDIMAX/1/3.md	cna@vuldb.com	<a href="https://github.com">github.com</a>	Exploit, Third Party Advisory
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

### Vendor Comments And Credit

Discovery Credit

**CNA:** KrisW (VulDB User) (en)

## Additional Advisory Data

Source	Time	Event
CNA	2025-12-05T00:00:00.000Z	Advisory disclosed
CNA	2025-12-05T01:00:00.000Z	VulDB entry created
CNA	2025-12-12T06:12:25.000Z	VulDB entry last update

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

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