



# Linksys

## RE6250/RE6300/RE6350/RE6500/RE7000/RE9000 RP\_setBasic os command injection

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

### Summary

<b>CVE</b>	CVE-2025-8821
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-08-11 01:15:28 UTC
<b>Updated</b>	2026-04-29 01:00:01 UTC
<b>Description</b>	A vulnerability was identified in Linksys RE6250, RE6300, RE6350, RE6500, RE7000 and RE9000 up to 20250801. This is

### Risk And Classification

**Primary CVSS:** v4.0 2.1 LOW from cna@vulldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/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@vulldb.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/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
4.0	CNA	DECLARED	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/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
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	cna@vulldb.com	Secondary	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	6.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
2.0	cna@vulldb.com	Secondary	6.5	MEDIUM	AV:N/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	6.5	MEDIUM	AV:N/AC:L/Au:S/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

Low

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:L/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:MSC: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

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS V3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:L/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	Linksys	Re6250	-	All	All	All
Operating System	Linksys	Re6250 Firmware	1.0.04.001	All	All	All
Hardware	Linksys	Re6300	-	All	All	All
Operating System	Linksys	Re6300 Firmware	1.2.07.001	All	All	All
Hardware	Linksys	Re6350	-	All	All	All
Operating System	Linksys	Re6350 Firmware	1.0.04.001	All	All	All
Hardware	Linksys	Re6500	-	All	All	All
Operating System	Linksys	Re6500 Firmware	1.0.013.001	All	All	All
Hardware	Linksys	Re7000	-	All	All	All
Operating System	Linksys	Re7000 Firmware	1.1.05.003	All	All	All
Hardware	Linksys	Re9000	-	All	All	All
Operating System	Linksys	Re9000 Firmware	1.0.04.002	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Linksys	RE6250	affected 20250801	Not specified
CNA	Linksys	RE6300	affected 20250801	Not specified
CNA	Linksys	RE6350	affected 20250801	Not specified

CNA	<a href="#">Linksys</a>	<a href="#">RE6500</a>	affected 20250801	Not specified
CNA	<a href="#">Linksys</a>	<a href="#">RE7000</a>	affected 20250801	Not specified
CNA	<a href="#">Linksys</a>	<a href="#">RE9000</a>	affected 20250801	Not specified

## References

Reference	Source	Link	Tags
<a href="#">vuldb.com</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="#">vuldb.com</a>	Third Party
<a href="#">vuldb.com</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="#">vuldb.com</a>	Third Party
<a href="#">vuldb.com</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="#">vuldb.com</a>	Permissions
<a href="#">github.com/wudipjq/my_vuln/blob/main/Linksys1/vuln_55/55.md</a>	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="#">github.com</a>	Exploit, Thi
<a href="#">github.com/wudipjq/my_vuln/blob/main/Linksys1/vuln_55/55.md</a>	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="#">github.com</a>	Exploit, Thi
<a href="#">www.linksys.com</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="#">www.linksys.com</a>	Product
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, e

## Vendor Comments And Credit

### Discovery Credit

**CNA:** [pjqwudi \(VulDB User\)](#) (en)

## Additional Advisory Data

Source	Time	Event
CNA	2025-08-10T00:00:00.000Z	Advisory disclosed
CNA	2025-08-10T02:00:00.000Z	VulDB entry created
CNA	2025-08-10T10:11:12.000Z	VulDB entry last update

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

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