



Linksys

RE6250/RE6300/RE6350/RE6500/RE7000/RE9000 RP_setBasicAuto um_inspect_cross_band os command injection

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2025-8827 |
| State | PUBLISHED |
| Assigner | VulDB |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2025-08-11 04:15:44 UTC |
| Updated | 2026-04-29 01:00:01 UTC |
| Description | A vulnerability was found in Linksys RE6250, RE6300, RE6350, RE6500, RE7000 and RE9000 up to 20250801. This issue |

Risk And Classification

Primary CVSS: v4.0 2.1 LOW from cna@vuldb.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/MSC:X/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 | 2.1 | 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/C... |
| 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 |
| 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@vuldb.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@vuldb.com | Secondary | 6.5 | | AV:N/AC:L/Au:S/C:P/I:P/A:P |
| 2.0 | CNA | DECLARED | 6.5 | | 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: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 | Linksys | RE6500 | affected 20250801 | Not specified |
| CNA | Linksys | RE7000 | affected 20250801 | Not specified |
| CNA | Linksys | RE9000 | affected 20250801 | Not specified |

References

| Reference | Source | Link | Tags |
|---|--|---|--------------|
| github.com/wudipjq/my_vuln/blob/main/Linksys1/vuln_43/43.md | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com | Exploit, Thi |
| github.com/wudipjq/my_vuln/blob/main/Linksys1/vuln_43/43.md | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com | Exploit, Thi |
| vuldb.com | cna@vuldb.com | vuldb.com | Third Party |
| vuldb.com | cna@vuldb.com | vuldb.com | Permission |
| vuldb.com | cna@vuldb.com | vuldb.com | Third Party |
| www.linksys.com | cna@vuldb.com | www.linksys.com | Product |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, e |

Vendor Comments And Credit

Discovery Credit

CNA: [pqj123 \(VulDB User\)](#) (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 | 2025-08-10T10:11:49.000Z | VulDB entry last update |

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

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