

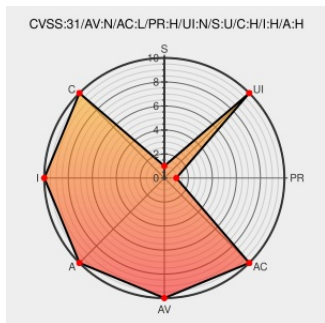


# CVE-2023-25089

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## CVE-2023-25089

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of **Ur32l** from **Milesight** contain the following vulnerability:

Multiple buffer overflow vulnerabilities exist in the vtysh\_ubus binary of Milesight UR32L v32.3.0.5 due to the use of an unsafe sprintf pattern. A specially crafted HTTP request can lead to arbitrary code execution. An attacker with high privileges can send HTTP requests to trigger these vulnerabilities. This buffer overflow occurs in the handle\_interface\_acl function with the interface variable when in\_acl is -1.

CVE-2023-25089 has been assigned by [Cisco Talos](#) talos-cna@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Cisco](#) **Milesight** - **UR32L** version = **v32.3.0.5**

CVSS3 Score: **7.2 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>HIGH</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                           | Tags                                                                   | Link                                                                                                    |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| TALOS-2023-1716    Cisco Talos Intelligence Group - Comprehensive Threat Intelligence | <a href="#">www.talosintelligence.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">www.talosintelligence.com/vulnerability_reports/TALOS-2023-1716</a> |
| TALOS-2023-1716    Cisco Talos Intelligence Group - Comprehensive Threat Intelligence | <a href="#">talosintelligence.com</a><br><a href="#">text/html</a>     | <a href="#">MISC</a><br><a href="#">talosintelligence.com/vulnerability_reports/TALOS-2023-1716</a>     |

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type                                                                                       | Vendor                    | Product                        | Version  | Update | Edition | Language |
|--------------------------------------------------------------------------------------------|---------------------------|--------------------------------|----------|--------|---------|----------|
| Hardware  | <a href="#">Milesight</a> | <a href="#">Ur32l</a>          | -        | All    | All     | All      |
| Operating System                                                                           | <a href="#">Milesight</a> | <a href="#">Ur32l Firmware</a> | 32.3.0.5 | All    | All     | All      |
| <code>cpe:2.3:h:milesight:ur32l:-:*:*:*:*:*:</code>                                        |                           |                                |          |        |         |          |
| <code>cpe:2.3:o:milesight:ur32l_firmware:32.3.0.5:*:*:*:*:*:</code>                        |                           |                                |          |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                        | Title                                                                                                                                                                                                    | Posted (UTC)        |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport | CVE-2023-25089 : Multiple buffer overflow vulnerabilities exist in the vtysh_ubus binary of Milesight UR32L v32.3.0... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2023-07-06 15:10:54 |

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