



# CVE-2022-46351

Published on: Not Yet Published

Last Modified on: 12/15/2022 09:05:00 PM UTC

## CVE-2022-46351

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

Certain versions of [6gk5204-0ba00-2kb2](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in SCALANCE X204RNA (HSR) (All versions < V3.2.7), SCALANCE X204RNA (PRP) (All versions < V3.2.7), SCALANCE X204RNA EEC (HSR) (All versions < V3.2.7), SCALANCE X204RNA EEC (PRP) (All versions < V3.2.7), SCALANCE X204RNA EEC (PRP/HSR) (All versions < V3.2.7). Specially crafted

PROFINET DCP packets could cause a denial of service condition of affected products on a local Ethernet segment (Layer 2).

CVE-2022-46351 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [S](#) **Siemens** - SCALANCE X204RNA (HSR) version **All versions < V3.2.7**

Affected Vendor/Software: [S](#) **Siemens** - SCALANCE X204RNA (PRP) version **All versions < V3.2.7**

Affected Vendor/Software: [S](#) **Siemens** - SCALANCE X204RNA EEC (HSR) version **All versions < V3.2.7**

Affected Vendor/Software: [S](#) **Siemens** - SCALANCE X204RNA EEC (PRP) version **All versions < V3.2.7**

Affected Vendor/Software: [S](#) **Siemens** - SCALANCE X204RNA EEC (PRP/HSR) version **All versions < V3.2.7**

CVSS3 Score: **5.5 - MEDIUM**

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

## CVE References

| Description | Tags | Link |
|-------------|------|------|
|-------------|------|------|

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

## Related QID Numbers

**591279** Siemens SCALANCE X-200RNA Switch Devices Denial of Service (DoS), Hijacking of web sessions Multiple Vulnerabilities (ICSA-22-349-02, SSA-363821)

## Known Affected Configurations (CPE V2.3)

| Type                                                                                         | Vendor  | Product                     | Version | Update | Edition | Language |
|----------------------------------------------------------------------------------------------|---------|-----------------------------|---------|--------|---------|----------|
| Hardware    | Siemens | 6gk5204-0ba00-2kb2          | -       | All    | All     | All      |
| Operating System                                                                             | Siemens | 6gk5204-0ba00-2kb2 Firmware | All     | All    | All     | All      |
| Hardware    | Siemens | 6gk5204-0ba00-2mb2          | -       | All    | All     | All      |
| Operating System                                                                             | Siemens | 6gk5204-0ba00-2mb2 Firmware | All     | All    | All     | All      |
| Hardware  | Siemens | 6gk5204-0bs00-2na3          | -       | All    | All     | All      |
| Operating System                                                                             | Siemens | 6gk5204-0bs00-2na3 Firmware | All     | All    | All     | All      |
| Hardware  | Siemens | 6gk5204-0bs00-3la3          | -       | All    | All     | All      |
| Operating System                                                                             | Siemens | 6gk5204-0bs00-3la3 Firmware | All     | All    | All     | All      |
| Hardware  | Siemens | 6gk5204-0bs00-3pa3          | -       | All    | All     | All      |
| Operating System                                                                             | Siemens | 6gk5204-0bs00-3pa3 Firmware | All     | All    | All     | All      |

```
cpe:2.3:h:siemens:6gk5204-0ba00-2kb2:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:siemens:6gk5204-0ba00-2kb2_firmware:*.~*~*~*~*~*~*~*~*~*
```

cpe:2.3:h:siemens:6gk5204-0ba00-2mb2:-.\*:~

```
cpe:2.3:o:siemens:6gk5204-0ba00-2mb2_firmware:*.*.*.*.*.*.*.*
```

cpe:2.3:h:siemens:6gk5204-0bs00-2na3:-:\*:\*:\*:\*:\*.\*

```
cpe:2.3:o:siemens:6gk5204-0bs00-2na3 firmware:*.***.***.***.
```

cpe:2.3:h:siemens:6gk5204-0bs00-3la3:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:siemens:6gk5204-0bs00-3la3 firmware:*.*.*.*.*.*.*
```

cpe:2.3:h:siemens:6gk5204-0bs00-3pa3:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:o:siemens:6gk5204-0bs00-3pa3\_firmware:\*\*\*\*\*:

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                      | Title                                                                                                                                                                                                                                                 | Posted (UTC)        |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport | <a href="https://cve.report/CVE-2022-46351">cve.report/CVE-2022-46351</a> A vulnerability has been identified in SCALANCE X204RNA HSR All versions &lt; V3.2.7 ,... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2022-12-13 17:30:17 |
|  /r/netcve  | <a href="https://cve.report/CVE-2022-46351">CVE-2022-46351</a>                                                                                                                                                                                        | 2022-12-13 18:50:48 |

[← Previous ID](#)

[Next ID→](#)

© [CVE.report](#) 2024   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)