



# CVE-2023-32464

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2023-32464  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | secure@dell.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2023-06-23 08:15:00 UTC   |
| <b>Updated</b>         | 2023-07-05 18:31:00 UTC   |
| <b>Description</b>     | Dell VxRail, versions prior to 7.0.450, contain an improper certificate validation vulnerability. A high privileged remote attack |

## Risk And Classification

**Problem Types:** CWE-295

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product                   | Version | Update | Edition | Language |
|------------------|--------|---------------------------|---------|--------|---------|----------|
| Hardware         | Dell   | Vxrail D560               | -       | All    | All     | All      |
| Hardware         | Dell   | Vxrail D560f              | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail D560f Firmware     | All     | All    | All     | All      |
| Operating System | Dell   | Vxrail D560 Firmware      | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E460               | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail E460 Firmware      | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560               | -       | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560f              | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail E560f Firmware     | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560f Vcf          | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail E560f Vcf Firmware | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560n              | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail E560n Firmware     | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560n Vcf          | -       | All    | All     | All      |
| Operating System | Dell   | Vxrail E560n Vcf Firmware | All     | All    | All     | All      |
| Operating System | Dell   | Vxrail E560 Firmware      | All     | All    | All     | All      |
| Hardware         | Dell   | Vxrail E560 Vcf           | -       | All    | All     | All      |

|                  |      |                           |     |     |     |     |
|------------------|------|---------------------------|-----|-----|-----|-----|
| Operating System | Dell | Vxrail E560 Vcf Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail E660               | -   | All | All | All |
| Hardware         | Dell | Vxrail E660f              | -   | All | All | All |
| Operating System | Dell | Vxrail E660f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail E660n              | -   | All | All | All |
| Operating System | Dell | Vxrail E660n Firmware     | All | All | All | All |
| Operating System | Dell | Vxrail E660 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail E665               | -   | All | All | All |
| Hardware         | Dell | Vxrail E665f              | -   | All | All | All |
| Operating System | Dell | Vxrail E665f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail E665n              | -   | All | All | All |
| Operating System | Dell | Vxrail E665n Firmware     | All | All | All | All |
| Operating System | Dell | Vxrail E665 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail G560               | -   | All | All | All |
| Hardware         | Dell | Vxrail G560f              | -   | All | All | All |
| Operating System | Dell | Vxrail G560f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail G560f Vcf          | -   | All | All | All |
| Operating System | Dell | Vxrail G560f Vcf Firmware | All | All | All | All |
| Operating System | Dell | Vxrail G560 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail G560 Vcf           | -   | All | All | All |
| Operating System | Dell | Vxrail G560 Vcf Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail P470               | -   | All | All | All |
| Operating System | Dell | Vxrail P470 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail P570               | -   | All | All | All |
| Hardware         | Dell | Vxrail P570f              | -   | All | All | All |
| Operating System | Dell | Vxrail P570f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail P570f Vcf          | -   | All | All | All |
| Operating System | Dell | Vxrail P570f Vcf Firmware | All | All | All | All |
| Operating System | Dell | Vxrail P570 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail P570 Vcf           | -   | All | All | All |
| Operating System | Dell | Vxrail P570 Vcf Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail P580n              | -   | All | All | All |
| Operating System | Dell | Vxrail P580n Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail P580n Vcf          | -   | All | All | All |
| Operating System | Dell | Vxrail P580n Vcf Firmware | All | All | All | All |

|                  |      |                           |     |     |     |     |
|------------------|------|---------------------------|-----|-----|-----|-----|
| Hardware         | Dell | Vxrail P670f              | -   | All | All | All |
| Operating System | Dell | Vxrail P670f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail P670n              | -   | All | All | All |
| Operating System | Dell | Vxrail P670n Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail P675f              | -   | All | All | All |
| Operating System | Dell | Vxrail P675f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail P675n              | -   | All | All | All |
| Operating System | Dell | Vxrail P675n Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail S470               | -   | All | All | All |
| Operating System | Dell | Vxrail S470 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail S570               | -   | All | All | All |
| Operating System | Dell | Vxrail S570 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail S570 Vcf           | -   | All | All | All |
| Operating System | Dell | Vxrail S570 Vcf Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail S670               | -   | All | All | All |
| Operating System | Dell | Vxrail S670 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail V470               | -   | All | All | All |
| Operating System | Dell | Vxrail V470 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail V570               | -   | All | All | All |
| Hardware         | Dell | Vxrail V570f              | -   | All | All | All |
| Operating System | Dell | Vxrail V570f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail V570f Vcf          | -   | All | All | All |
| Operating System | Dell | Vxrail V570f Vcf Firmware | All | All | All | All |
| Operating System | Dell | Vxrail V570 Firmware      | All | All | All | All |
| Hardware         | Dell | Vxrail V570 Vcf           | -   | All | All | All |
| Operating System | Dell | Vxrail V570 Vcf Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail V670f              | -   | All | All | All |
| Operating System | Dell | Vxrail V670f Firmware     | All | All | All | All |
| Hardware         | Dell | Vxrail Vd-4000r           | -   | All | All | All |
| Operating System | Dell | Vxrail Vd-4000r Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail Vd-4000w           | -   | All | All | All |
| Operating System | Dell | Vxrail Vd-4000w Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail Vd-4000z           | -   | All | All | All |
| Operating System | Dell | Vxrail Vd-4000z Firmware  | All | All | All | All |
| Hardware         | Dell | Vxrail Vd-4510c           | -   | All | All | All |
| Operating System | Dell | Vxrail Vd-4510c Firmware  | All | All | All | All |

|                  |      |                          |     |     |     |     |
|------------------|------|--------------------------|-----|-----|-----|-----|
| Operating System | Dell | Vxrail Vd-4510c Firmware | All | All | All | All |
| Hardware         | Dell | Vxrail Vd-4520c          | -   | All | All | All |
| Operating System | Dell | Vxrail Vd-4520c Firmware | All | All | All | All |

## References

| Reference   | Source  | Link   |
|---|---------|--|
| DSA-2023-071: Dell VxRail Security Update for Multiple Third-Party Component Vulnerabilities – 7.0.450   Dell Suomi | MISC    | <a href="http://www.dell.com">www.dell.com</a> |
| CVE Program record  | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>   |
| NVD vulnerability detail  | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a> |

No vendor comments have been submitted for this CVE.

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

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