



# CVE-2021-21572

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2021-21572   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | secure@dell.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2021-06-24 17:15:00 UTC  |
| <b>Updated</b>         | 2021-06-30 19:38:00 UTC  |
| <b>Description</b>     | Dell BIOSConnect feature contains a buffer overflow vulnerability. An authenticated malicious admin user with local access |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product                   | Version | Update | Edition | Language |
|------------------|--------|---------------------------|---------|--------|---------|----------|
| Hardware         | Dell   | Alienware M15 R6          | -       | All    | All     | All      |
| Operating System | Dell   | Alienware M15 R6 Firmware | All     | All    | All     | All      |
| Hardware         | Dell   | Chengming 3990            | -       | All    | All     | All      |
| Operating System | Dell   | Chengming 3990 Firmware   | All     | All    | All     | All      |
| Hardware         | Dell   | Chengming 3991            | -       | All    | All     | All      |
| Operating System | Dell   | Chengming 3991 Firmware   | All     | All    | All     | All      |
| Hardware         | Dell   | G15 5510                  | -       | All    | All     | All      |
| Operating System | Dell   | G15 5510 Firmware         | All     | All    | All     | All      |
| Hardware         | Dell   | G15 5511                  | -       | All    | All     | All      |
| Operating System | Dell   | G15 5511 Firmware         | All     | All    | All     | All      |
| Hardware         | Dell   | G3 3500                   | -       | All    | All     | All      |
| Operating System | Dell   | G3 3500 Firmware          | All     | All    | All     | All      |
| Hardware         | Dell   | G5 5500                   | -       | All    | All     | All      |
| Operating System | Dell   | G5 5500 Firmware          | All     | All    | All     | All      |
| Hardware         | Dell   | G7 7500                   | -       | All    | All     | All      |
| Operating System | Dell   | G7 7500 Firmware          | All     | All    | All     | All      |
| Hardware         | Dell   | G7 7700                   | -       | All    | All     | All      |

|                  |      |                               |     |     |     |     |
|------------------|------|-------------------------------|-----|-----|-----|-----|
| Operating System | Dell | G7 7700 Firmware              | All | All | All | All |
| Hardware         | Dell | Inspiron 14 5418              | -   | All | All | All |
| Operating System | Dell | Inspiron 14 5418 Firmware     | All | All | All | All |
| Hardware         | Dell | Inspiron 15 5518              | -   | All | All | All |
| Operating System | Dell | Inspiron 15 5518 Firmware     | All | All | All | All |
| Hardware         | Dell | Inspiron 15 7510              | -   | All | All | All |
| Operating System | Dell | Inspiron 15 7510 Firmware     | All | All | All | All |
| Hardware         | Dell | Inspiron 3501                 | -   | All | All | All |
| Operating System | Dell | Inspiron 3501 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 3880                 | -   | All | All | All |
| Operating System | Dell | Inspiron 3880 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 3881                 | -   | All | All | All |
| Operating System | Dell | Inspiron 3881 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 3891                 | -   | All | All | All |
| Operating System | Dell | Inspiron 3891 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5300                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5300 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5301                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5301 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5310                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5310 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5400 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 5400 2-in-1 Firmware | All | All | All | All |
| Hardware         | Dell | Inspiron 5400 Aio             | -   | All | All | All |
| Operating System | Dell | Inspiron 5400 Aio Firmware    | All | All | All | All |
| Hardware         | Dell | Inspiron 5401                 | -   | All | All | All |
| Hardware         | Dell | Inspiron 5401 Aio             | -   | All | All | All |
| Operating System | Dell | Inspiron 5401 Aio Firmware    | All | All | All | All |
| Operating System | Dell | Inspiron 5401 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5402                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5402 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5406 2n1             | -   | All | All | All |
| Operating System | Dell | Inspiron 5406 2n1 Firmware    | All | All | All | All |
| Hardware         | Dell | Inspiron 5408                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5408 Firmware        | All | All | All | All |

|                  |      |                               |     |     |     |     |
|------------------|------|-------------------------------|-----|-----|-----|-----|
| Hardware         | Dell | Inspiron 5409                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5409 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5410 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 5410 2-in-1 Firmware | All | All | All | All |
| Hardware         | Dell | Inspiron 5501                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5501 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5502                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5502 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5508                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5508 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 5509                 | -   | All | All | All |
| Operating System | Dell | Inspiron 5509 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7300                 | -   | All | All | All |
| Hardware         | Dell | Inspiron 7300 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 7300 2-in-1 Firmware | All | All | All | All |
| Operating System | Dell | Inspiron 7300 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7306 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 7306 2-in-1 Firmware | All | All | All | All |
| Hardware         | Dell | Inspiron 7400                 | -   | All | All | All |
| Operating System | Dell | Inspiron 7400 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7500                 | -   | All | All | All |
| Hardware         | Dell | Inspiron 7500 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 7500 2-in-1 Firmware | All | All | All | All |
| Operating System | Dell | Inspiron 7500 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7501                 | -   | All | All | All |
| Operating System | Dell | Inspiron 7501 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7506                 | -   | All | All | All |
| Operating System | Dell | Inspiron 7506 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7610                 | -   | All | All | All |
| Operating System | Dell | Inspiron 7610 Firmware        | All | All | All | All |
| Hardware         | Dell | Inspiron 7700 Aio             | -   | All | All | All |
| Operating System | Dell | Inspiron 7700 Aio Firmware    | All | All | All | All |
| Hardware         | Dell | Inspiron 7706 2-in-1          | -   | All | All | All |
| Operating System | Dell | Inspiron 7706 2-in-1 Firmware | All | All | All | All |
| Hardware         | Dell | Latitude 3120                 | -   | All | All | All |

|                  |      |                               |     |     |     |     |
|------------------|------|-------------------------------|-----|-----|-----|-----|
| Operating System | Dell | Latitude 3120 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 3320                 | -   | All | All | All |
| Operating System | Dell | Latitude 3320 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 3410                 | -   | All | All | All |
| Operating System | Dell | Latitude 3410 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 3420                 | -   | All | All | All |
| Operating System | Dell | Latitude 3420 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 3510                 | -   | All | All | All |
| Operating System | Dell | Latitude 3510 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 3520                 | -   | All | All | All |
| Operating System | Dell | Latitude 3520 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5310                 | -   | All | All | All |
| Hardware         | Dell | Latitude 5310 2-in-1          | -   | All | All | All |
| Operating System | Dell | Latitude 5310 2-in-1 Firmware | All | All | All | All |
| Operating System | Dell | Latitude 5310 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5320                 | -   | All | All | All |
| Hardware         | Dell | Latitude 5320 2-in-1          | -   | All | All | All |
| Operating System | Dell | Latitude 5320 2-in-1 Firmware | All | All | All | All |
| Operating System | Dell | Latitude 5320 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5410                 | -   | All | All | All |
| Operating System | Dell | Latitude 5410 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5411                 | -   | All | All | All |
| Operating System | Dell | Latitude 5411 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5420                 | -   | All | All | All |
| Operating System | Dell | Latitude 5420 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5421                 | -   | All | All | All |
| Operating System | Dell | Latitude 5421 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5510                 | -   | All | All | All |
| Operating System | Dell | Latitude 5510 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5511                 | -   | All | All | All |
| Operating System | Dell | Latitude 5511 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5520                 | -   | All | All | All |
| Operating System | Dell | Latitude 5520 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 5521                 | -   | All | All | All |
| Operating System | Dell | Latitude 5521 Firmware        | All | All | All | All |
| Hardware         | Dell | Latitude 7210 2-in-1          | -   | All | All | All |

|                  |      |   |     |     |     |     |
|------------------|------|---|-----|-----|-----|-----|
| Operating System | Dell | <a href="#">Latitude 7210 2-in-1 Firmware</a>     | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7310</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7310 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7320</a>                     | -   | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7320 Detachable</a>          | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7320 Detachable Firmware</a> | All | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7320 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7410</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7410 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7420</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7420 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 7520</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 7520 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 9410</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 9410 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 9420</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 9420 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 9510</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 9510 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Latitude 9520</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Latitude 9520 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 3080</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 3080 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 3090 Uff</a>                 | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 3090 Uff Firmware</a>        | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 3280 All-in-one</a>          | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 3280 All-in-one Firmware</a> | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 5080</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 5080 Firmware</a>            | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 5090 Tower</a>               | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 5090 Tower Firmware</a>      | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 5490 Aio</a>                 | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 5490 Aio Firmware</a>        | All | All | All | All |
| Hardware         | Dell | <a href="#">Optiplex 7080</a>                     | -   | All | All | All |
| Operating System | Dell | <a href="#">Optiplex 7080 Firmware</a>            | All | All | All | All |

|                  |      |                                   |     |     |     |     |
|------------------|------|-----------------------------------|-----|-----|-----|-----|
| Hardware         | Dell | Optiplex 7090 Tower               | -   | All | All | All |
| Operating System | Dell | Optiplex 7090 Tower Firmware      | All | All | All | All |
| Hardware         | Dell | Optiplex 7090 Uff                 | -   | All | All | All |
| Operating System | Dell | Optiplex 7090 Uff Firmware        | All | All | All | All |
| Hardware         | Dell | Optiplex 7480 All-in-one          | -   | All | All | All |
| Operating System | Dell | Optiplex 7480 All-in-one Firmware | All | All | All | All |
| Hardware         | Dell | Optiplex 7490 All-in-one          | -   | All | All | All |
| Operating System | Dell | Optiplex 7490 All-in-one Firmware | All | All | All | All |
| Hardware         | Dell | Optiplex 7780 All-in-one          | -   | All | All | All |
| Operating System | Dell | Optiplex 7780 All-in-one Firmware | All | All | All | All |
| Hardware         | Dell | Precision 17 M5750                | -   | All | All | All |
| Operating System | Dell | Precision 17 M5750 Firmware       | All | All | All | All |
| Hardware         | Dell | Precision 3440                    | -   | All | All | All |
| Operating System | Dell | Precision 3440 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3450                    | -   | All | All | All |
| Operating System | Dell | Precision 3450 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3550                    | -   | All | All | All |
| Operating System | Dell | Precision 3550 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3551                    | -   | All | All | All |
| Operating System | Dell | Precision 3551 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3560                    | -   | All | All | All |
| Operating System | Dell | Precision 3560 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3561                    | -   | All | All | All |
| Operating System | Dell | Precision 3561 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3640                    | -   | All | All | All |
| Operating System | Dell | Precision 3640 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 3650 Mt                 | -   | All | All | All |
| Operating System | Dell | Precision 3650 Mt Firmware        | All | All | All | All |
| Hardware         | Dell | Precision 5550                    | -   | All | All | All |
| Operating System | Dell | Precision 5550 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 5560                    | -   | All | All | All |
| Operating System | Dell | Precision 5560 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 5760                    | -   | All | All | All |
| Operating System | Dell | Precision 5760 Firmware           | All | All | All | All |
| Hardware         | Dell | Precision 7550                    | -   | All | All | All |
| Operating System | Dell | Precision 7550 Firmware           | All | All | All | All |

|                  |      |                         |     |     |     |     |
|------------------|------|-------------------------|-----|-----|-----|-----|
| Operating System | Dell | Precision 7550 Firmware | All | All | All | All |
| Hardware         | Dell | Precision 7560          | -   | All | All | All |
| Operating System | Dell | Precision 7560 Firmware | All | All | All | All |
| Hardware         | Dell | Precision 7750          | -   | All | All | All |
| Operating System | Dell | Precision 7750 Firmware | All | All | All | All |
| Hardware         | Dell | Precision 7760          | -   | All | All | All |
| Operating System | Dell | Precision 7760 Firmware | All | All | All | All |
| Hardware         | Dell | Vostro 14 5410          | -   | All | All | All |
| Operating System | Dell | Vostro 14 5410 Firmware | All | All | All | All |
| Hardware         | Dell | Vostro 15 5510          | -   | All | All | All |
| Operating System | Dell | Vostro 15 5510 Firmware | All | All | All | All |
| Hardware         | Dell | Vostro 15 7510          | -   | All | All | All |
| Operating System | Dell | Vostro 15 7510 Firmware | All | All | All | All |
| Hardware         | Dell | Vostro 3400             | -   | All | All | All |
| Operating System | Dell | Vostro 3400 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3500             | -   | All | All | All |
| Operating System | Dell | Vostro 3500 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3501             | -   | All | All | All |
| Operating System | Dell | Vostro 3501 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3681             | -   | All | All | All |
| Operating System | Dell | Vostro 3681 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3690             | -   | All | All | All |
| Operating System | Dell | Vostro 3690 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3881             | -   | All | All | All |
| Operating System | Dell | Vostro 3881 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3888             | -   | All | All | All |
| Operating System | Dell | Vostro 3888 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 3890             | -   | All | All | All |
| Operating System | Dell | Vostro 3890 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 5300             | -   | All | All | All |
| Operating System | Dell | Vostro 5300 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 5301             | -   | All | All | All |
| Operating System | Dell | Vostro 5301 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 5310             | -   | All | All | All |
| Operating System | Dell | Vostro 5310 Firmware    | All | All | All | All |
| Hardware         | Dell | Vostro 5401             | -   | All | All | All |

|                  |      |                           |     |     |     |     |
|------------------|------|---------------------------|-----|-----|-----|-----|
| Operating System | Dell | Vostro 5401 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 5402               | -   | All | All | All |
| Operating System | Dell | Vostro 5402 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 5501               | -   | All | All | All |
| Operating System | Dell | Vostro 5501 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 5502               | -   | All | All | All |
| Operating System | Dell | Vostro 5502 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 5880               | -   | All | All | All |
| Operating System | Dell | Vostro 5880 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 5890               | -   | All | All | All |
| Operating System | Dell | Vostro 5890 Firmware      | All | All | All | All |
| Hardware         | Dell | Vostro 7500               | -   | All | All | All |
| Operating System | Dell | Vostro 7500 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 13 2in1 9310          | -   | All | All | All |
| Operating System | Dell | Xps 13 2in1 9310 Firmware | All | All | All | All |
| Hardware         | Dell | Xps 13 9305               | -   | All | All | All |
| Operating System | Dell | Xps 13 9305 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 13 9310               | -   | All | All | All |
| Operating System | Dell | Xps 13 9310 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 15 9500               | -   | All | All | All |
| Operating System | Dell | Xps 15 9500 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 15 9510               | -   | All | All | All |
| Operating System | Dell | Xps 15 9510 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 17 9700               | -   | All | All | All |
| Operating System | Dell | Xps 17 9700 Firmware      | All | All | All | All |
| Hardware         | Dell | Xps 17 9710               | -   | All | All | All |
| Operating System | Dell | Xps 17 9710 Firmware      | All | All | All | All |

## References

| Reference                | Source  | Link   | Tags                |
|--------------------------|---------|--|---------------------|
| Access Denied            | CONFIRM | <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>   | canonical           |
| NVD vulnerability detail | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a> | canonical, analysis |

No vendor comments have been submitted for this CVE.

[375659](#) Dell Client Platform BIOSConnect and HTTPS Boot Multiple Vulnerabilities (DSA-2021-106)

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