



CVE-2023-32453

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-32453
State	PUBLIC
Assigner	secure@dell.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-16 20:15:00 UTC
Updated	2023-08-23 16:37:00 UTC
Description	Dell BIOS contains an improper authentication vulnerability. A malicious user with physical access to the system may poten

Risk And Classification

Problem Types: CWE-287

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Dell	Alienware M15 R7	-	All	All	All
Operating System	Dell	Alienware M15 R7 Firmware	All	All	All	All
Hardware	Dell	Alienware M16	-	All	All	All
Operating System	Dell	Alienware M16 Firmware	All	All	All	All
Hardware	Dell	Alienware M18	-	All	All	All
Operating System	Dell	Alienware M18 Firmware	All	All	All	All
Hardware	Dell	Chengming 3900	-	All	All	All
Operating System	Dell	Chengming 3900 Firmware	All	All	All	All
Hardware	Dell	Chengming 3901	-	All	All	All
Operating System	Dell	Chengming 3901 Firmware	All	All	All	All
Hardware	Dell	Chengming 3910	-	All	All	All
Operating System	Dell	Chengming 3910 Firmware	All	All	All	All
Hardware	Dell	Chengming 3911	-	All	All	All
Operating System	Dell	Chengming 3911 Firmware	All	All	All	All
Hardware	Dell	G15 5520	-	All	All	All
Operating System	Dell	G15 5520 Firmware	All	All	All	All
Hardware	Dell	G16 7620	-	All	All	All

Operating System	Dell	G16 7620 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 15 5500	-	All	All	All
Operating System	Dell	G5 15 5500 Firmware	All	All	All	All
Hardware	Dell	G7 15 7500	-	All	All	All
Operating System	Dell	G7 15 7500 Firmware	All	All	All	All
Hardware	Dell	G7 17 7700	-	All	All	All
Operating System	Dell	G7 17 7700 Firmware	All	All	All	All
Hardware	Dell	Inspiron 14 5410	-	All	All	All
Operating System	Dell	Inspiron 14 5410 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 3511	-	All	All	All
Operating System	Dell	Inspiron 15 3511 Firmware	All	All	All	All
Hardware	Dell	Inspiron 15 5510	-	All	All	All
Operating System	Dell	Inspiron 15 5510 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 24 5420 All-in-one	-	All	All	All
Operating System	Dell	Inspiron 24 5420 All-in-one Firmware	All	All	All	All
Hardware	Dell	Inspiron 24 5421 All-in-one	-	All	All	All
Operating System	Dell	Inspiron 24 5421 All-in-one Firmware	All	All	All	All
Hardware	Dell	Inspiron 27 7720 All-in-one	-	All	All	All
Operating System	Dell	Inspiron 27 7720 All-in-one Firmware	All	All	All	All
Hardware	Dell	Inspiron 3020 Desktop	-	All	All	All
Operating System	Dell	Inspiron 3020 Desktop Firmware	All	All	All	All
Hardware	Dell	Inspiron 3020 Small Desktop	-	All	All	All
Operating System	Dell	Inspiron 3020 Small Desktop Firmware	All	All	All	All
Hardware	Dell	Inspiron 3493	-	All	All	All
Operating System	Dell	Inspiron 3493 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3511	-	All	All	All
Operating System	Dell	Inspiron 3511 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3593	-	All	All	All
Operating System	Dell	Inspiron 3593 Firmware	All	All	All	All

Hardware	Dell	Inspiron 3793	-	All	All	All
Operating System	Dell	Inspiron 3793 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 3910	-	All	All	All
Operating System	Dell	Inspiron 3910 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5410	-	All	All	All
Operating System	Dell	Inspiron 5410 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5493	-	All	All	All
Operating System	Dell	Inspiron 5493 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5593	-	All	All	All
Operating System	Dell	Inspiron 5593 Firmware	All	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
Hardware	Dell	Inspiron 7490	-	All	All	All
Operating System	Dell	Inspiron 7490 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7500	-	All	All	All
Hardware	Dell	Inspiron 7500 2-in-1 Black	-	All	All	All
Operating System	Dell	Inspiron 7500 2-in-1 Black 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 7510	-	All	All	All
Operating System	Dell	Inspiron 7510 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7610	-	All	All	All
Operating System	Dell	Inspiron 7610 Firmware	All	All	All	All
Hardware	Dell	Latitude 3140	-	All	All	All
Operating System	Dell	Latitude 3140 Firmware	All	All	All	All
Hardware	Dell	Latitude 3301	-	All	All	All
Operating System	Dell	Latitude 3301 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 3330	-	All	All	All
Operating System	Dell	Latitude 3330 Firmware	All	All	All	All
Hardware	Dell	Latitude 3340	-	All	All	All
Operating System	Dell	Latitude 3340 Firmware	All	All	All	All

Operating System	Dell	Latitude 3340 Firmware	All	All	All	All
Hardware	Dell	Latitude 3400	-	All	All	All
Operating System	Dell	Latitude 3400 Firmware	All	All	All	All
Hardware	Dell	Latitude 3430	-	All	All	All
Operating System	Dell	Latitude 3430 Firmware	All	All	All	All
Hardware	Dell	Latitude 3440	-	All	All	All
Operating System	Dell	Latitude 3440 Firmware	All	All	All	All
Hardware	Dell	Latitude 3500	-	All	All	All
Operating System	Dell	Latitude 3500 Firmware	All	All	All	All
Hardware	Dell	Latitude 3530	-	All	All	All
Operating System	Dell	Latitude 3530 Firmware	All	All	All	All
Hardware	Dell	Latitude 3540	-	All	All	All
Operating System	Dell	Latitude 3540 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 5430	-	All	All	All
Operating System	Dell	Latitude 5430 Firmware	All	All	All	All
Hardware	Dell	Latitude 5431	-	All	All	All
Operating System	Dell	Latitude 5431 Firmware	All	All	All	All
Hardware	Dell	Latitude 7230 Rugged Extreme Tablet	-	All	All	All
Operating System	Dell	Latitude 7230 Rugged Extreme Tablet Firmware	All	All	All	All
Hardware	Dell	Latitude 7320	-	All	All	All
Operating System	Dell	Latitude 7320 Firmware	All	All	All	All
Hardware	Dell	Latitude 7420	-	All	All	All
Operating System	Dell	Latitude 7420 Firmware	All	All	All	All
Hardware	Dell	Latitude 7520	-	All	All	All
Operating System	Dell	Latitude 7520 Firmware	All	All	All	All
Hardware	Dell	Latitude 9330	-	All	All	All
Operating System	Dell	Latitude 9330 Firmware	All	All	All	All
Hardware	Dell	Latitude 9520	-	All	All	All
Operating System	Dell	Latitude 9520 Firmware	All	All	All	All
Hardware	Dell	Latitude Rugged 5430	-	All	All	All
Operating System	Dell	Latitude Rugged 5430 Firmware	All	All	All	All
Hardware	Dell	Latitude Rugged 7330	-	All	All	All
Operating System	Dell	Latitude Rugged 7330 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3000	-	All	All	All

Operating System	Dell	Optiplex 3000 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3000 Thin Client	-	All	All	All
Operating System	Dell	Optiplex 3000 Thin Client Firmware	All	All	All	All
Hardware	Dell	Optiplex 5000	-	All	All	All
Operating System	Dell	Optiplex 5000 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5090	-	All	All	All
Operating System	Dell	Optiplex 5090 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5400 All-in-one	-	All	All	All
Operating System	Dell	Optiplex 5400 All-in-one Firmware	All	All	All	All
Hardware	Dell	Optiplex 5490 All-in-one	-	All	All	All
Operating System	Dell	Optiplex 5490 All-in-one Firmware	All	All	All	All
Hardware	Dell	Optiplex 7000	-	All	All	All
Operating System	Dell	Optiplex 7000 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7090	-	All	All	All
Operating System	Dell	Optiplex 7090 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7400 All-in-one	-	All	All	All
Operating System	Dell	Optiplex 7400 All-in-one Firmware	All	All	All	All
Hardware	Dell	Optiplex 7410 All-in-one	-	All	All	All
Operating System	Dell	Optiplex 7410 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 Micro Plus 7010	-	All	All	All
Operating System	Dell	Optiplex Micro Plus 7010 Firmware	All	All	All	All
Hardware	Dell	Optiplex Small Form Factor Plus 7010	-	All	All	All
Operating System	Dell	Optiplex Small Form Factor Plus 7010 Firmware	All	All	All	All
Hardware	Dell	Optiplex Tower Plus 7010	-	All	All	All
Operating System	Dell	Optiplex Tower Plus 7010 Firmware	All	All	All	All
Hardware	Dell	Optiplex Xe4	-	All	All	All
Operating System	Dell	Optiplex Xe4 Firmware	All	All	All	All
Hardware	Dell	Precision 3260 Compact	-	All	All	All
Operating System	Dell	Precision 3260 Compact Firmware	All	All	All	All
Hardware	Dell	Precision 3260 Xe Compact	-	All	All	All
Operating System	Dell	Precision 3260 Xe Compact 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 3460 Small Form Factor	-	All	All	All
Operating System	Dell	Precision 3460 Small Form Factor Firmware	All	All	All	All
Hardware	Dell	Precision 3460 Xe Small Form Factor	-	All	All	All
Operating System	Dell	Precision 3460 Xe Small Form Factor Firmware	All	All	All	All
Hardware	Dell	Precision 3470	-	All	All	All
Operating System	Dell	Precision 3470 Firmware	All	All	All	All
Hardware	Dell	Precision 3650 Tower	-	All	All	All
Operating System	Dell	Precision 3650 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3660	-	All	All	All
Operating System	Dell	Precision 3660 Firmware	All	All	All	All
Hardware	Dell	Precision 5470	-	All	All	All
Operating System	Dell	Precision 5470 Firmware	All	All	All	All
Hardware	Dell	Precision 5570	-	All	All	All
Operating System	Dell	Precision 5570 Firmware	All	All	All	All
Hardware	Dell	Precision 5680	-	All	All	All
Operating System	Dell	Precision 5680 Firmware	All	All	All	All
Hardware	Dell	Precision 5860 Tower	-	All	All	All
Operating System	Dell	Precision 5860 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 7960 Tower	-	All	All	All
Operating System	Dell	Precision 7960 Tower Firmware	All	All	All	All
Hardware	Dell	Vostro 3020 Sff	-	All	All	All
Operating System	Dell	Vostro 3020 Sff Firmware	All	All	All	All
Hardware	Dell	Vostro 3020 T	-	All	All	All
Operating System	Dell	Vostro 3020 T Firmware	All	All	All	All
Hardware	Dell	Vostro 3510	-	All	All	All
Operating System	Dell	Vostro 3510 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 3710	-	All	All	All
Operating System	Dell	Vostro 3710 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 3910	-	All	All	All
Operating System	Dell	Vostro 3910 Firmware	All	All	All	All
Hardware	Dell	Vostro 5410	-	All	All	All
Operating System	Dell	Vostro 5410 Firmware	All	All	All	All

Operating System	Dell	Vostro 5410 Firmware	All	All	All	All
Hardware	Dell	Vostro 5491	-	All	All	All
Operating System	Dell	Vostro 5491 Firmware	All	All	All	All
Hardware	Dell	Vostro 5510	-	All	All	All
Operating System	Dell	Vostro 5510 Firmware	All	All	All	All
Hardware	Dell	Vostro 5591	-	All	All	All
Operating System	Dell	Vostro 5591 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	Vostro 7510	-	All	All	All
Operating System	Dell	Vostro 7510 Firmware	All	All	All	All
Hardware	Dell	Xps 13 7390	-	All	All	All
Hardware	Dell	Xps 13 7390 2-in-1	-	All	All	All
Operating System	Dell	Xps 13 7390 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Xps 13 7390 Firmware	All	All	All	All
Hardware	Dell	Xps 13 9300	-	All	All	All
Operating System	Dell	Xps 13 9300 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
Hardware	Dell	Xps 13 9310 2-in-1	-	All	All	All
Operating System	Dell	Xps 13 9310 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Xps 13 9310 Firmware	All	All	All	All
Hardware	Dell	Xps 13 9315	-	All	All	All
Operating System	Dell	Xps 13 9315 Firmware	All	All	All	All
Hardware	Dell	Xps 15 9520	-	All	All	All
Operating System	Dell	Xps 15 9520 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Access Denied	MISC	www.dell.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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