



CVE-2022-23824

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

Summary

CVE	CVE-2022-23824
State	PUBLIC
Assigner	psirt@amd.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-09 21:15:00 UTC
Updated	2024-02-04 08:15:00 UTC
Description	IBPB may not prevent return branch predictions from being specified by pre-IBPB branch targets leading to a potential infor

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Amd	A10-9600p	-	All	All	All
Operating System	Amd	A10-9600p Firmware	-	All	All	All
Hardware	Amd	A10-9630p	-	All	All	All
Operating System	Amd	A10-9630p Firmware	-	All	All	All
Hardware	Amd	A12-9700p	-	All	All	All
Operating System	Amd	A12-9700p Firmware	-	All	All	All
Hardware	Amd	A12-9730p	-	All	All	All
Operating System	Amd	A12-9730p Firmware	-	All	All	All
Hardware	Amd	A4-9120	-	All	All	All
Operating System	Amd	A4-9120 Firmware	-	All	All	All
Hardware	Amd	A6-9210	-	All	All	All
Operating System	Amd	A6-9210 Firmware	-	All	All	All
Hardware	Amd	A6-9220	-	All	All	All
Hardware	Amd	A6-9220c	-	All	All	All
Operating System	Amd	A6-9220c Firmware	-	All	All	All
Operating System	Amd	A6-9220 Firmware	-	All	All	All
Hardware	Amd	A9-9410	-	All	All	All

Operating System	Amd	A9-9410 Firmware	-	All	All	All
Hardware	Amd	A9-9420	-	All	All	All
Operating System	Amd	A9-9420 Firmware	-	All	All	All
Hardware	Amd	Athlon Gold 3150u	-	All	All	All
Operating System	Amd	Athlon Gold 3150u Firmware	-	All	All	All
Hardware	Amd	Athlon Silver 3050u	-	All	All	All
Operating System	Amd	Athlon Silver 3050u Firmware	-	All	All	All
Hardware	Amd	Athlon X4 750	-	All	All	All
Operating System	Amd	Athlon X4 750 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 760k	-	All	All	All
Operating System	Amd	Athlon X4 760k Firmware	-	All	All	All
Hardware	Amd	Athlon X4 830	-	All	All	All
Operating System	Amd	Athlon X4 830 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 835	-	All	All	All
Operating System	Amd	Athlon X4 835 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 840	-	All	All	All
Operating System	Amd	Athlon X4 840 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 845	-	All	All	All
Operating System	Amd	Athlon X4 845 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 860k	-	All	All	All
Operating System	Amd	Athlon X4 860k Firmware	-	All	All	All
Hardware	Amd	Athlon X4 870k	-	All	All	All
Operating System	Amd	Athlon X4 870k Firmware	-	All	All	All
Hardware	Amd	Athlon X4 880k	-	All	All	All
Operating System	Amd	Athlon X4 880k Firmware	-	All	All	All
Hardware	Amd	Athlon X4 940	-	All	All	All
Operating System	Amd	Athlon X4 940 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 950	-	All	All	All
Operating System	Amd	Athlon X4 950 Firmware	-	All	All	All
Hardware	Amd	Athlon X4 970	-	All	All	All
Operating System	Amd	Athlon X4 970 Firmware	-	All	All	All
Hardware	Amd	Epyc 7001	-	All	All	All
Operating System	Amd	Epyc 7001 Firmware	-	All	All	All
Hardware	Amd	Epyc 7002	-	All	All	All
Operating System	Amd	Epyc 7002 Firmware	-	All	All	All

Hardware	Amd	Epyc 7003	-	All	All	All
Operating System	Amd	Epyc 7003 Firmware	-	All	All	All
Hardware	Amd	Epyc 7251	-	All	All	All
Operating System	Amd	Epyc 7251 Firmware	-	All	All	All
Hardware	Amd	Epyc 7252	-	All	All	All
Operating System	Amd	Epyc 7252 Firmware	-	All	All	All
Hardware	Amd	Epyc 7261	-	All	All	All
Operating System	Amd	Epyc 7261 Firmware	-	All	All	All
Hardware	Amd	Epyc 7262	-	All	All	All
Operating System	Amd	Epyc 7262 Firmware	-	All	All	All
Hardware	Amd	Epyc 7272	-	All	All	All
Operating System	Amd	Epyc 7272 Firmware	-	All	All	All
Hardware	Amd	Epyc 7281	-	All	All	All
Operating System	Amd	Epyc 7281 Firmware	-	All	All	All
Hardware	Amd	Epyc 7282	-	All	All	All
Operating System	Amd	Epyc 7282 Firmware	-	All	All	All
Hardware	Amd	Epyc 72f3	-	All	All	All
Operating System	Amd	Epyc 72f3 Firmware	-	All	All	All
Hardware	Amd	Epyc 7301	-	All	All	All
Operating System	Amd	Epyc 7301 Firmware	-	All	All	All
Hardware	Amd	Epyc 7302	-	All	All	All
Hardware	Amd	Epyc 7302p	-	All	All	All
Operating System	Amd	Epyc 7302p Firmware	-	All	All	All
Operating System	Amd	Epyc 7302 Firmware	-	All	All	All
Hardware	Amd	Epyc 7313	-	All	All	All
Hardware	Amd	Epyc 7313p	-	All	All	All
Operating System	Amd	Epyc 7313p Firmware	-	All	All	All
Operating System	Amd	Epyc 7313 Firmware	-	All	All	All
Hardware	Amd	Epyc 7343	-	All	All	All
Operating System	Amd	Epyc 7343 Firmware	-	All	All	All
Hardware	Amd	Epyc 7351	-	All	All	All
Hardware	Amd	Epyc 7351p	-	All	All	All
Operating System	Amd	Epyc 7351p Firmware	-	All	All	All
Operating System	Amd	Epyc 7351 Firmware	-	All	All	All
Hardware	Amd	Epyc 7352	-	All	All	All

Operating System	Amd	Epyc /352 Firmware	-	All	All	All
Hardware	Amd	Epyc 7371	-	All	All	All
Operating System	Amd	Epyc 7371 Firmware	-	All	All	All
Hardware	Amd	Epyc 7373x	-	All	All	All
Operating System	Amd	Epyc 7373x Firmware	-	All	All	All
Hardware	Amd	Epyc 7401	-	All	All	All
Hardware	Amd	Epyc 7401p	-	All	All	All
Operating System	Amd	Epyc 7401p Firmware	-	All	All	All
Operating System	Amd	Epyc 7401 Firmware	-	All	All	All
Hardware	Amd	Epyc 7402	-	All	All	All
Hardware	Amd	Epyc 7402p	-	All	All	All
Operating System	Amd	Epyc 7402p Firmware	-	All	All	All
Operating System	Amd	Epyc 7402 Firmware	-	All	All	All
Hardware	Amd	Epyc 7413	-	All	All	All
Operating System	Amd	Epyc 7413 Firmware	-	All	All	All
Hardware	Amd	Epyc 7443	-	All	All	All
Hardware	Amd	Epyc 7443p	-	All	All	All
Operating System	Amd	Epyc 7443p Firmware	-	All	All	All
Operating System	Amd	Epyc 7443 Firmware	-	All	All	All
Hardware	Amd	Epyc 7451	-	All	All	All
Operating System	Amd	Epyc 7451 Firmware	-	All	All	All
Hardware	Amd	Epyc 7452	-	All	All	All
Operating System	Amd	Epyc 7452 Firmware	-	All	All	All
Hardware	Amd	Epyc 7473x	-	All	All	All
Operating System	Amd	Epyc 7473x Firmware	-	All	All	All
Hardware	Amd	Epyc 74f3	-	All	All	All
Operating System	Amd	Epyc 74f3 Firmware	-	All	All	All
Hardware	Amd	Epyc 7501	-	All	All	All
Operating System	Amd	Epyc 7501 Firmware	-	All	All	All
Hardware	Amd	Epyc 7502	-	All	All	All
Hardware	Amd	Epyc 7502p	-	All	All	All
Operating System	Amd	Epyc 7502p Firmware	-	All	All	All
Operating System	Amd	Epyc 7502 Firmware	-	All	All	All
Hardware	Amd	Epyc 7513	-	All	All	All
Operating System	Amd	Epyc 7513 Firmware	-	All	All	All
Hardware	Amd	Epyc 7532	-	All	All	All

Operating System	Amd	Epyc 7532 Firmware	-	All	All	All
Hardware	Amd	Epyc 7542	-	All	All	All
Operating System	Amd	Epyc 7542 Firmware	-	All	All	All
Hardware	Amd	Epyc 7543	-	All	All	All
Hardware	Amd	Epyc 7543p	-	All	All	All
Operating System	Amd	Epyc 7543p Firmware	-	All	All	All
Operating System	Amd	Epyc 7543 Firmware	-	All	All	All
Hardware	Amd	Epyc 7551	-	All	All	All
Hardware	Amd	Epyc 7551p	-	All	All	All
Operating System	Amd	Epyc 7551p Firmware	-	All	All	All
Operating System	Amd	Epyc 7551 Firmware	-	All	All	All
Hardware	Amd	Epyc 7552	-	All	All	All
Operating System	Amd	Epyc 7552 Firmware	-	All	All	All
Hardware	Amd	Epyc 7573x	-	All	All	All
Operating System	Amd	Epyc 7573x Firmware	-	All	All	All
Hardware	Amd	Epyc 75f3	-	All	All	All
Operating System	Amd	Epyc 75f3 Firmware	-	All	All	All
Hardware	Amd	Epyc 7601	-	All	All	All
Operating System	Amd	Epyc 7601 Firmware	-	All	All	All
Hardware	Amd	Epyc 7642	-	All	All	All
Operating System	Amd	Epyc 7642 Firmware	-	All	All	All
Hardware	Amd	Epyc 7643	-	All	All	All
Operating System	Amd	Epyc 7643 Firmware	-	All	All	All
Hardware	Amd	Epyc 7662	-	All	All	All
Operating System	Amd	Epyc 7662 Firmware	-	All	All	All
Hardware	Amd	Epyc 7663	-	All	All	All
Operating System	Amd	Epyc 7663 Firmware	-	All	All	All
Hardware	Amd	Epyc 7702	-	All	All	All
Operating System	Amd	Epyc 7702 Firmware	-	All	All	All
Hardware	Amd	Epyc 7713	-	All	All	All
Hardware	Amd	Epyc 7713p	-	All	All	All
Operating System	Amd	Epyc 7713p Firmware	-	All	All	All
Operating System	Amd	Epyc 7713 Firmware	-	All	All	All
Hardware	Amd	Epyc 7742	-	All	All	All
Operating System	Amd	Epyc 7742 Firmware	-	All	All	All

Hardware	Amd	Epyc 7763	-	All	All	All
Operating System	Amd	Epyc 7763 Firmware	-	All	All	All
Hardware	Amd	Epyc 7773x	-	All	All	All
Operating System	Amd	Epyc 7773x Firmware	-	All	All	All
Hardware	Amd	Epyc 7f32	-	All	All	All
Operating System	Amd	Epyc 7f32 Firmware	-	All	All	All
Hardware	Amd	Epyc 7f52	-	All	All	All
Operating System	Amd	Epyc 7f52 Firmware	-	All	All	All
Hardware	Amd	Epyc 7f72	-	All	All	All
Operating System	Amd	Epyc 7f72 Firmware	-	All	All	All
Hardware	Amd	Epyc 7h12	-	All	All	All
Operating System	Amd	Epyc 7h12 Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 2200u	-	All	All	All
Operating System	Amd	Ryzen 3 2200u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 2300u	-	All	All	All
Operating System	Amd	Ryzen 3 2300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3100	-	All	All	All
Operating System	Amd	Ryzen 3 3100 Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3200u	-	All	All	All
Operating System	Amd	Ryzen 3 3200u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3250u	-	All	All	All
Operating System	Amd	Ryzen 3 3250u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300g	-	All	All	All
Operating System	Amd	Ryzen 3 3300g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300u	-	All	All	All
Operating System	Amd	Ryzen 3 3300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 3300x	-	All	All	All
Operating System	Amd	Ryzen 3 3300x Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 4300g	-	All	All	All
Hardware	Amd	Ryzen 3 4300ge	-	All	All	All
Operating System	Amd	Ryzen 3 4300ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 3 4300g Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 4300u	-	All	All	All
Operating System	Amd	Ryzen 3 4300u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5125c	-	All	All	All
Operating System	Amd	Ryzen 3 5125c Firmware	-	All	All	All

Operating System	Amd	Ryzen 3 5125c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5400u	-	All	All	All
Operating System	Amd	Ryzen 3 5400u Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5425c	-	All	All	All
Operating System	Amd	Ryzen 3 5425c Firmware	-	All	All	All
Hardware	Amd	Ryzen 3 5425u	-	All	All	All
Operating System	Amd	Ryzen 3 5425u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2500u	-	All	All	All
Operating System	Amd	Ryzen 5 2500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2600	-	All	All	All
Hardware	Amd	Ryzen 5 2600h	-	All	All	All
Operating System	Amd	Ryzen 5 2600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2600x	-	All	All	All
Operating System	Amd	Ryzen 5 2600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 2600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 2700	-	All	All	All
Hardware	Amd	Ryzen 5 2700x	-	All	All	All
Operating System	Amd	Ryzen 5 2700x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 2700 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3400g	-	All	All	All
Operating System	Amd	Ryzen 5 3400g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3450g	-	All	All	All
Operating System	Amd	Ryzen 5 3450g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3500u	-	All	All	All
Operating System	Amd	Ryzen 5 3500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3550h	-	All	All	All
Operating System	Amd	Ryzen 5 3550h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3580u	-	All	All	All
Operating System	Amd	Ryzen 5 3580u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 3600	-	All	All	All
Hardware	Amd	Ryzen 5 3600x	-	All	All	All
Hardware	Amd	Ryzen 5 3600xt	-	All	All	All
Operating System	Amd	Ryzen 5 3600xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3600x Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 3600 Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 4500u	-	All	All	All

Operating System	Amd	Ryzen 5 4500u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 4600g	-	All	All	All
Hardware	Amd	Ryzen 5 4600ge	-	All	All	All
Operating System	Amd	Ryzen 5 4600ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 4600g Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 4600h	-	All	All	All
Operating System	Amd	Ryzen 5 4600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 4600u	-	All	All	All
Operating System	Amd	Ryzen 5 4600u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5560u	-	All	All	All
Operating System	Amd	Ryzen 5 5560u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600h	-	All	All	All
Hardware	Amd	Ryzen 5 5600hs	-	All	All	All
Operating System	Amd	Ryzen 5 5600hs Firmware	-	All	All	All
Operating System	Amd	Ryzen 5 5600h Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5600u	-	All	All	All
Operating System	Amd	Ryzen 5 5600u Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625c	-	All	All	All
Operating System	Amd	Ryzen 5 5625c Firmware	-	All	All	All
Hardware	Amd	Ryzen 5 5625u	-	All	All	All
Operating System	Amd	Ryzen 5 5625u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2700	-	All	All	All
Hardware	Amd	Ryzen 7 2700u	-	All	All	All
Operating System	Amd	Ryzen 7 2700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2700x	-	All	All	All
Operating System	Amd	Ryzen 7 2700x Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 2700 Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 2800h	-	All	All	All
Operating System	Amd	Ryzen 7 2800h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700u	-	All	All	All
Operating System	Amd	Ryzen 7 3700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3700x	-	All	All	All
Operating System	Amd	Ryzen 7 3700x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3750h	-	All	All	All
Operating System	Amd	Ryzen 7 3750h Firmware	-	All	All	All

Hardware	Amd	Ryzen 7 3780u	-	All	All	All
Operating System	Amd	Ryzen 7 3780u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3800x	-	All	All	All
Hardware	Amd	Ryzen 7 3800xt	-	All	All	All
Operating System	Amd	Ryzen 7 3800xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 3800x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 4700g	-	All	All	All
Hardware	Amd	Ryzen 7 4700ge	-	All	All	All
Operating System	Amd	Ryzen 7 4700ge Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 4700g Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 4700u	-	All	All	All
Operating System	Amd	Ryzen 7 4700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 4800h	-	All	All	All
Operating System	Amd	Ryzen 7 4800h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 4800u	-	All	All	All
Operating System	Amd	Ryzen 7 4800u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800h	-	All	All	All
Hardware	Amd	Ryzen 7 5800hs	-	All	All	All
Operating System	Amd	Ryzen 7 5800hs Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 5800h Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5800u	-	All	All	All
Operating System	Amd	Ryzen 7 5800u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5825c	-	All	All	All
Operating System	Amd	Ryzen 7 5825c Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5825u	-	All	All	All
Operating System	Amd	Ryzen 7 5825u Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 Pro 3700u	-	All	All	All
Operating System	Amd	Ryzen 7 Pro 3700u Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 4900h	-	All	All	All
Operating System	Amd	Ryzen 9 4900h Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900hs	-	All	All	All
Operating System	Amd	Ryzen 9 5900hs Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900hx	-	All	All	All
Operating System	Amd	Ryzen 9 5900hx Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5980hs	-	All	All	All
Operating System	Amd	Ryzen 9 5980hs Firmware	-	All	All	All

Operating System	Amd	Ryzen 9 5900HS Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5980hx	-	All	All	All
Operating System	Amd	Ryzen 9 5980hx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 2920x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 2920x Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 2950x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 2950x Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 2970wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper 2970wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 2990wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper 2990wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 3960x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3960x Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 3970x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3970x Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper 3990x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3990x Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3795wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3795wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3945wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3945wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3955wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3955wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3995wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3995wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5945wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5945wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5955wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5955wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5965wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5965wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5975wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5975wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 5995wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 5995wx Firmware	-	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All

Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Xen	Xen	-	All	All	All

References

Reference	Source	Link
oss-security - Xen Security Advisory 422 v2 (CVE-2022-23824) - x86: Multiple speculative security issues	MLIST	www.openwall.com
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: xen-4.15.4-1.fc35 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: xen-4.15.4-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 37 Update: xen-4.16.2-4.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
Xen: Multiple Vulnerabilities (GLSA 202402-07) — Gentoo security		security.gentoo.org
IBPB and Return Stack Buffer Interactions AMD	MISC	www.amd.com
Debian -- Security Information -- DSA-5378-1 xen	DEBIAN	www.debian.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181654 Debian Security Update for xen (DSA 5378-1)
183431 Debian Security Update for xen (CVE-2022-23824)
283371 Fedora Security Update for xen (FEDORA-2022-53a4a5dd11)
283430 Fedora Security Update for xen (FEDORA-2022-9f51d13fa3)
502597 Alpine Linux Security Update for xen
502598 Alpine Linux Security Update for xen
502600 Alpine Linux Security Update for xen
502818 Alpine Linux Security Update for xen
503695 Alpine Linux Security Update for xen
710858 Gentoo Linux Xen Multiple Vulnerabilities (GLSA 202402-07)
753563 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0136-1)
753570 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0170-1)
753585 SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0169-1)

[753586](#) SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0154-1)

[753601](#) SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0214-1)

[753757](#) SUSE Enterprise Linux Security Update for xen (SUSE-SU-2023:0672-1)

[91956](#) Microsoft Windows Security Update for November 2022

[91959](#) Microsoft Azure Stack Hub Security Updates for November 2022

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