



CVE-2020-8336

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

Summary

CVE	CVE-2020-8336
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-09 20:15:00 UTC
Updated	2020-06-22 13:44:00 UTC
Description	Lenovo implemented Intel CSME Anti-rollback ARB protections on some ThinkPad models to prevent roll back of CSME Fir

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	Thinkpad E14	-	All	All	All
Hardware	Lenovo	Thinkpad E14	-	All	All	All
Operating System	Lenovo	Thinkpad E14 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E14 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad E15	-	All	All	All
Hardware	Lenovo	Thinkpad E15	-	All	All	All
Operating System	Lenovo	Thinkpad E15 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E15 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad E490	-	All	All	All
Hardware	Lenovo	Thinkpad E490	-	All	All	All
Hardware	Lenovo	Thinkpad E490s	-	All	All	All
Hardware	Lenovo	Thinkpad E490s	-	All	All	All
Operating System	Lenovo	Thinkpad E490s Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E490s Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E490 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E490 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad E590	-	All	All	All

Hardware	Lenovo	Thinkpad E590	-	All	All	All
Operating System	Lenovo	Thinkpad E590 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad E590 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 1st Gen	-	All	All	All
Hardware	Lenovo	Thinkpad L13 1st Gen	-	All	All	All
Operating System	Lenovo	Thinkpad L13 1st Gen Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad L13 1st Gen Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L1415 Gen 1	-	All	All	All
Hardware	Lenovo	Thinkpad L1415 Gen 1	-	All	All	All
Operating System	Lenovo	Thinkpad L1415 Gen 1 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad L1415 Gen 1 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L390 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad L390 Yoga	-	All	All	All
Operating System	Lenovo	Thinkpad L390 Yoga Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad L390 Yoga Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L490	-	All	All	All
Hardware	Lenovo	Thinkpad L490	-	All	All	All
Operating System	Lenovo	Thinkpad L490 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad L490 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L590	-	All	All	All
Hardware	Lenovo	Thinkpad L590	-	All	All	All
Operating System	Lenovo	Thinkpad L590 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad L590 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P1 20mx	-	All	All	All
Hardware	Lenovo	Thinkpad P1 20mx	-	All	All	All
Operating System	Lenovo	Thinkpad P1 20mx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P1 20mx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P1 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad P1 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad P1 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P1 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P43s 20rx	-	All	All	All
Hardware	Lenovo	Thinkpad P43s 20rx	-	All	All	All
Operating System	Lenovo	Thinkpad P43s 20rx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P43s 20rx Firmware	All	All	All	All

Hardware	Lenovo	Thinkpad P52 20mx	-	All	All	All
Hardware	Lenovo	Thinkpad P52 20mx	-	All	All	All
Operating System	Lenovo	Thinkpad P52 20mx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P52 20mx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P53s 20nx	-	All	All	All
Hardware	Lenovo	Thinkpad P53s 20nx	-	All	All	All
Operating System	Lenovo	Thinkpad P53s 20nx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P53s 20nx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P53 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad P53 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad P53 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P53 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P72 20mx	-	All	All	All
Hardware	Lenovo	Thinkpad P72 20mx	-	All	All	All
Operating System	Lenovo	Thinkpad P72 20mx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P72 20mx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P73 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad P73 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad P73 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad P73 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad R14	-	All	All	All
Hardware	Lenovo	Thinkpad R14	-	All	All	All
Operating System	Lenovo	Thinkpad R14 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad R14 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad R490	-	All	All	All
Hardware	Lenovo	Thinkpad R490	-	All	All	All
Operating System	Lenovo	Thinkpad R490 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad R490 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad R590	-	All	All	All
Hardware	Lenovo	Thinkpad R590	-	All	All	All
Operating System	Lenovo	Thinkpad R590 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad R590 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 4th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 4th Gen	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Yoga 4th Gen Firmware	All	All	All	All

Operating System	Lenovo	Thinkpad S2 Yoga 4th Gen Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S3	-	All	All	All
Hardware	Lenovo	Thinkpad S3	-	All	All	All
Operating System	Lenovo	Thinkpad S3 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad S3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S3 Gen 2	-	All	All	All
Hardware	Lenovo	Thinkpad S3 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad S3 Gen 2 Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad S3 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T490s 20nx	-	All	All	All
Hardware	Lenovo	Thinkpad T490s 20nx	-	All	All	All
Operating System	Lenovo	Thinkpad T490s 20nx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad T490s 20nx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T490 20nx	-	All	All	All
Hardware	Lenovo	Thinkpad T490 20nx	-	All	All	All
Operating System	Lenovo	Thinkpad T490 20nx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad T490 20nx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T490 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad T490 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad T490 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad T490 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T490 20rx	-	All	All	All
Hardware	Lenovo	Thinkpad T490 20rx	-	All	All	All
Operating System	Lenovo	Thinkpad T490 20rx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad T490 20rx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T590 20nx	-	All	All	All
Hardware	Lenovo	Thinkpad T590 20nx	-	All	All	All
Operating System	Lenovo	Thinkpad T590 20nx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad T590 20nx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Carbon 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Carbon 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Carbon 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X1 Carbon 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Carbon 20rx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Carbon 20rx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Carbon 20rx Firmware	All	All	All	All

Operating System	Lenovo	Thinkpad X1 Carbon 20rx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme 20mx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme 20mx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Extreme 20mx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X1 Extreme 20mx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Extreme 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X1 Extreme 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Yoga 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Yoga 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Yoga 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X1 Yoga 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X1 Yoga 20sx	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Yoga 20sx	-	All	All	All
Operating System	Lenovo	Thinkpad X1 Yoga 20sx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X1 Yoga 20sx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X390 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad X390 Yoga	-	All	All	All
Operating System	Lenovo	Thinkpad X390 Yoga Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X390 Yoga Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X390 20qx	-	All	All	All
Hardware	Lenovo	Thinkpad X390 20qx	-	All	All	All
Operating System	Lenovo	Thinkpad X390 20qx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X390 20qx Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X390 20sx	-	All	All	All
Hardware	Lenovo	Thinkpad X390 20sx	-	All	All	All
Operating System	Lenovo	Thinkpad X390 20sx Firmware	All	All	All	All
Operating System	Lenovo	Thinkpad X390 20sx Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (June 2020) - US	MISC	support.lenovo.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Discovery Credit

LEGACY: Lenovo thanks Maxim Goryachy & Mark Ermolov of Positive Technologies

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

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