



CVE-2020-8337

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

Summary

CVE	CVE-2020-8337
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-09 20:15:00 UTC
Updated	2020-06-19 15:23:00 UTC
Description	An unquoted search path vulnerability was reported in versions prior to 1.0.83.0 of the Synaptics Smart Audio UWP app as

Risk And Classification

Problem Types: CWE-428

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	5-15ikb	-	All	All	All
Hardware	Lenovo	5-15ikb	-	All	All	All
Hardware	Lenovo	Air-14 2019	-	All	All	All
Hardware	Lenovo	Air-14 2019	-	All	All	All
Hardware	Lenovo	C340-14iwl	-	All	All	All
Hardware	Lenovo	C340-14iwl	-	All	All	All
Hardware	Lenovo	Flex-14iwl	-	All	All	All
Hardware	Lenovo	Flex-14iwl	-	All	All	All
Hardware	Lenovo	S540-14iwl	-	All	All	All
Hardware	Lenovo	S540-14iwl	-	All	All	All
Hardware	Lenovo	S540-14iwl Touch	-	All	All	All
Hardware	Lenovo	S540-14iwl Touch	-	All	All	All
Hardware	Lenovo	Thinkpad 11e	-	All	All	All
Hardware	Lenovo	Thinkpad 11e	-	All	All	All
Hardware	Lenovo	Thinkpad 13	-	All	All	All
Hardware	Lenovo	Thinkpad 13	-	All	All	All
Hardware	Lenovo	Thinkpad A275	-	All	All	All

Hardware	Lenovo	Thinkpad A275	-	All	All	All
Hardware	Lenovo	Thinkpad A285	-	All	All	All
Hardware	Lenovo	Thinkpad A285	-	All	All	All
Hardware	Lenovo	Thinkpad A475	-	All	All	All
Hardware	Lenovo	Thinkpad A475	-	All	All	All
Hardware	Lenovo	Thinkpad A485	-	All	All	All
Hardware	Lenovo	Thinkpad A485	-	All	All	All
Hardware	Lenovo	Thinkpad E450	-	All	All	All
Hardware	Lenovo	Thinkpad E450	-	All	All	All
Hardware	Lenovo	Thinkpad E450c	-	All	All	All
Hardware	Lenovo	Thinkpad E450c	-	All	All	All
Hardware	Lenovo	Thinkpad E455	-	All	All	All
Hardware	Lenovo	Thinkpad E455	-	All	All	All
Hardware	Lenovo	Thinkpad E460	-	All	All	All
Hardware	Lenovo	Thinkpad E460	-	All	All	All
Hardware	Lenovo	Thinkpad E465	-	All	All	All
Hardware	Lenovo	Thinkpad E465	-	All	All	All
Hardware	Lenovo	Thinkpad E470	-	All	All	All
Hardware	Lenovo	Thinkpad E470	-	All	All	All
Hardware	Lenovo	Thinkpad E475	-	All	All	All
Hardware	Lenovo	Thinkpad E475	-	All	All	All
Hardware	Lenovo	Thinkpad E480	-	All	All	All
Hardware	Lenovo	Thinkpad E480	-	All	All	All
Hardware	Lenovo	Thinkpad E485	-	All	All	All
Hardware	Lenovo	Thinkpad E485	-	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
Hardware	Lenovo	Thinkpad E540	-	All	All	All
Hardware	Lenovo	Thinkpad E540	-	All	All	All
Hardware	Lenovo	Thinkpad E545	-	All	All	All
Hardware	Lenovo	Thinkpad E545	-	All	All	All
Hardware	Lenovo	Thinkpad E550	-	All	All	All
Hardware	Lenovo	Thinkpad E550	-	All	All	All

Hardware	Lenovo	Thinkpad E550c	-	All	All	All
Hardware	Lenovo	Thinkpad E550c	-	All	All	All
Hardware	Lenovo	Thinkpad E555	-	All	All	All
Hardware	Lenovo	Thinkpad E555	-	All	All	All
Hardware	Lenovo	Thinkpad E560	-	All	All	All
Hardware	Lenovo	Thinkpad E560	-	All	All	All
Hardware	Lenovo	Thinkpad E565	-	All	All	All
Hardware	Lenovo	Thinkpad E565	-	All	All	All
Hardware	Lenovo	Thinkpad E570	-	All	All	All
Hardware	Lenovo	Thinkpad E570	-	All	All	All
Hardware	Lenovo	Thinkpad E575	-	All	All	All
Hardware	Lenovo	Thinkpad E575	-	All	All	All
Hardware	Lenovo	Thinkpad E580	-	All	All	All
Hardware	Lenovo	Thinkpad E580	-	All	All	All
Hardware	Lenovo	Thinkpad E585	-	All	All	All
Hardware	Lenovo	Thinkpad E585	-	All	All	All
Hardware	Lenovo	Thinkpad E590	-	All	All	All
Hardware	Lenovo	Thinkpad E590	-	All	All	All
Hardware	Lenovo	Thinkpad Edge E440	-	All	All	All
Hardware	Lenovo	Thinkpad Edge E440	-	All	All	All
Hardware	Lenovo	Thinkpad Edge E445	-	All	All	All
Hardware	Lenovo	Thinkpad Edge E445	-	All	All	All
Hardware	Lenovo	Thinkpad L380	-	All	All	All
Hardware	Lenovo	Thinkpad L380	-	All	All	All
Hardware	Lenovo	Thinkpad L380 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad L380 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad L390 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad L390 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad L440	-	All	All	All
Hardware	Lenovo	Thinkpad L440	-	All	All	All
Hardware	Lenovo	Thinkpad L450	-	All	All	All
Hardware	Lenovo	Thinkpad L450	-	All	All	All
Hardware	Lenovo	Thinkpad L460	-	All	All	All
Hardware	Lenovo	Thinkpad L460	-	All	All	All
Hardware	Lenovo	Thinkpad L470	-	All	All	All

Hardware	Lenovo	Thinkpad L4 /U	-	All	All	All
Hardware	Lenovo	Thinkpad L480	-	All	All	All
Hardware	Lenovo	Thinkpad L480	-	All	All	All
Hardware	Lenovo	Thinkpad L540	-	All	All	All
Hardware	Lenovo	Thinkpad L540	-	All	All	All
Hardware	Lenovo	Thinkpad L580	-	All	All	All
Hardware	Lenovo	Thinkpad L580	-	All	All	All
Hardware	Lenovo	Thinkpad P1	-	All	All	All
Hardware	Lenovo	Thinkpad P1	-	All	All	All
Hardware	Lenovo	Thinkpad P40	-	All	All	All
Hardware	Lenovo	Thinkpad P40	-	All	All	All
Hardware	Lenovo	Thinkpad P53	-	All	All	All
Hardware	Lenovo	Thinkpad P53	-	All	All	All
Hardware	Lenovo	Thinkpad P73	-	All	All	All
Hardware	Lenovo	Thinkpad P73	-	All	All	All
Hardware	Lenovo	Thinkpad R490	-	All	All	All
Hardware	Lenovo	Thinkpad R490	-	All	All	All
Hardware	Lenovo	Thinkpad R590	-	All	All	All
Hardware	Lenovo	Thinkpad R590	-	All	All	All
Hardware	Lenovo	Thinkpad S1 3rd	-	All	All	All
Hardware	Lenovo	Thinkpad S1 3rd	-	All	All	All
Hardware	Lenovo	Thinkpad S1 Yoga 12	-	All	All	All
Hardware	Lenovo	Thinkpad S1 Yoga 12	-	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 4th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga 4th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S3	-	All	All	All
Hardware	Lenovo	Thinkpad S3	-	All	All	All
Hardware	Lenovo	Thinkpad S3-s440	-	All	All	All
Hardware	Lenovo	Thinkpad S3-s440	-	All	All	All
Hardware	Lenovo	Thinkpad S3 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S3 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad S3 Yoga 14	-	All	All	All
Hardware	Lenovo	Thinkpad S3 Yoga 14	-	All	All	All
Hardware	Lenovo	Thinkpad S5	-	All	All	All

Hardware	Lenovo	Thinkpad S5	-	All	All	All
Hardware	Lenovo	Thinkpad T450	-	All	All	All
Hardware	Lenovo	Thinkpad T450	-	All	All	All
Hardware	Lenovo	Thinkpad T450s	-	All	All	All
Hardware	Lenovo	Thinkpad T450s	-	All	All	All
Hardware	Lenovo	Thinkpad T460	-	All	All	All
Hardware	Lenovo	Thinkpad T460	-	All	All	All
Hardware	Lenovo	Thinkpad T460p	-	All	All	All
Hardware	Lenovo	Thinkpad T460p	-	All	All	All
Hardware	Lenovo	Thinkpad T470p	-	All	All	All
Hardware	Lenovo	Thinkpad T470p	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme	-	All	All	All
Hardware	Lenovo	Thinkpad X1 Extreme	-	All	All	All
Hardware	Lenovo	Thinkpad X260	-	All	All	All
Hardware	Lenovo	Thinkpad X260	-	All	All	All
Hardware	Lenovo	Thinkpad X270	-	All	All	All
Hardware	Lenovo	Thinkpad X270	-	All	All	All
Hardware	Lenovo	Thinkpad X380 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad X380 Yoga	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 3rd Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 4th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 4th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 5th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 11e 5th Gen	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 14 460 S3	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 14 460 S3	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 370	-	All	All	All
Hardware	Lenovo	Thinkpad Yoga 370	-	All	All	All
Hardware	Lenovo	V130-15igm	-	All	All	All
Hardware	Lenovo	V130-15igm	-	All	All	All
Hardware	Lenovo	V130-15ikb	-	All	All	All
Hardware	Lenovo	V130-15ikb	-	All	All	All

Hardware	Lenovo	V310-15igm	-	All	All	All
Hardware	Lenovo	V310-15igm	-	All	All	All
Hardware	Lenovo	V330-15igm	-	All	All	All
Hardware	Lenovo	V330-15igm	-	All	All	All
Hardware	Lenovo	Yoga 14	-	All	All	All
Hardware	Lenovo	Yoga 14	-	All	All	All
Application	Synaptics	Smart Audio Uwp	All	All	All	All
Application	Synaptics	Smart Audio Uwp	All	All	All	All

References

Reference	Source	Link	Tags
www.synaptics.com/sites/default/files/audio-driver-security-brief-2020-06-09.pdf	MISC	www.synaptics.com	Vendor Advisory
Synaptics Audio Driver Vulnerability - Lenovo Support 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

Vendor Comments And Credit

Discovery Credit

LEGACY: Synaptics would like to thank Michele Dell'Uomo (Quantum Leap Srl - a Deloitte business) for reporting this issue.

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

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