



CVE-2016-8223

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-8223
State	PUBLISHED
Assigner	lenovo
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-11-29 20:59:01 UTC
Updated	2026-05-06 22:30:45 UTC
Description	During an internal security review, Lenovo identified a local privilege escalation vulnerability in Lenovo System Interface Fo

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000340000 probability, percentile 0.099850000 (date 2026-05-10)

Problem Types: CWE-284 | Lenovo System Interface Foundation Privilege Escalation?

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Lenovo	System Interface Foundation	All	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product
CNA	Lenovo Group Ltd.	All ThinkPad ThinkCentre ThinkStation And Lenovo-branded Systems Preloaded With The Windows 10 Opera

References

Reference	Source
Lenovo System Interface Foundation Privilege Escalation - Lenovo Support	af854a3a-2127-422b-91ae-364da2661108
Lenovo System Interface Foundation CVE-2016-8223 Local Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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