

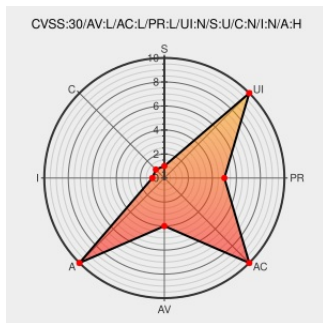


CVE-2018-10828

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CVE-2018-10828

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Pointing-device Driver](#) from [Alps](#) contain the following vulnerability:

An issue was discovered in Alps Pointing-device Driver 10.1.101.207. ApMsgFwd.exe allows the current user to map and write to the "ApMsgFwd File Mapping Object" section. ApMsgFwd.exe uses the data written to this section as arguments to functions. This causes a denial of service condition when invalid pointers are written to the mapped section. This driver has been used with Dell, ThinkPad, and VAIO devices.

CVE-2018-10828 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Alps Touchpad Driver Vulnerabilities - Lenovo Support US	support.lenovo.com text/html	L CONFIRM support.lenovo.com/us/en/solutions/LEN-25654

Dell Touchpad - 'ApMsgFwd.exe' Denial of Service - Windows dos Exploit

Third Party Advisory

VDB Entry

www.exploit-db.com

Proof of Concept

text/html

EXPLOIT-DB 44610

Page not found · GitHub · GitHub

Third Party Advisory

github.com

text/html

Inactive Link

Not Archived

MISC

github.com/SouhailHammou/Exploits/blob/master/CVE-2018-10828/apmsgfwd_exploit_dos.c

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Alps	Pointing-device Driver	10.1.101.207	All	All	All
Application	Alps	Pointing-device Driver	10.1.101.207	All	All	All

cpe:2.3:a:alps:pointing-device_driver:10.1.101.207:*****:

cpe:2.3:a:alps:pointing-device_driver:10.1.101.207:*****:

No vendor comments have been submitted for this CVE

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