CVE-2015-6856

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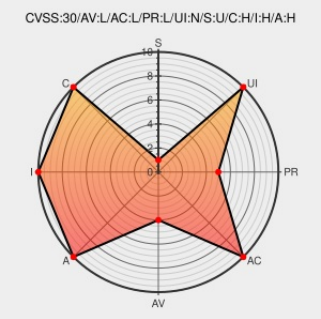
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Pre-boot Authentication Driver from Dell contain the following vulnerability:

Dell Pre-Boot Authentication Driver (PBADRV.sys) 1.0.1.5 allows local users to write to arbitrary physical memory locations and gain privileges via a 0x0022201c IOCTL call.

CVE-2015-6856 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20151218 KL-001-2015-008 : Dell Pre-Boot Authentication Driver Uncontrolled Write to Arbitrary Address
Dell Pre-Boot Authentication Driver CVE-2015-6856 Local	cve.report (archive)	BID 79643

Privilege Escalation Vulnerability	text/html	
Full Disclosure: KL-001-2015-008 : Dell Pre-Boot Authentication Driver Uncontrolled Write to Arbitrary Address	Exploit seclists.org text/html	FULLDISC 20151218 KL-001-2015-008 : Dell Pre-Boot Authentication Driver Uncontrolled Write to Arbitrary Address
	Exploit www.korelogic.com text/plain	MISC www.korelogic.com/Resources/Advisories/KL-001-2015-008.txt
Dell Authentication Driver Uncontrolled Write ≈ Packet Storm	Exploit packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/134987/Dell-Authentication-Driver-Uncontrolled-Write.html

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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	Dell	Pre-boot Authentication Driver	1.0.1.5	All	All	All
Application	Dell	Pre-boot Authentication Driver	1.0.1.5	All	All	All

cpe:2.3:a:dell:pre-boot_authentication_driver:1.0.1.5:*:*:*:*:*:*:*:

cpe:2.3:a:dell:pre-boot_authentication_driver:1.0.1.5:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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