CVE-2015-7358

Published on: 10/02/2017 12:00:00 AM UTC

Last Modified on: 06/28/2021 06:20:00 PM UTC

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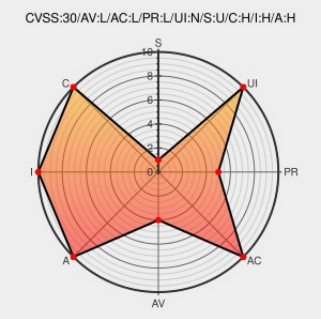
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ciphershed from Ciphershed contain the following vulnerability:

The IsDriveLetterAvailable method in Driver/Ntdriver.c in TrueCrypt 7.0, VeraCrypt before 1.15, and CipherShed, when running on Windows, does not properly validate drive letter symbolic links, which allows local users to mount an encrypted volume over an existing drive letter and gain privileges via an entry in the /GLOBAL?? directory.

CVE-2015-7358 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
oss-security - CVE Request - TrueCrypt 7.1a and VeraCrypt 1.14 Local Elevation of Privilege	Mailing List Third Party Advisory www.openwall.com	MLIST [oss-security] 20150922 CVE Request - TrueCrypt 7.1a and VeraCrypt 1.14 Local Elevation of Privilege

	text/html	
Issue 538 - google-security-research - Truecrypt 7 Derived Code/Windows: Drive Letter Symbolic Link Creation EoP - Google Security Research - Google Project Hosting	Third Party Advisory code.google.com text/html	MISC code.google.com/p/google-security-research/issues/detail?id=538
oss-security - Re: CVE Request - TrueCrypt 7.1a and VeraCrypt 1.14 Local Elevation of Privilege	Issue Tracking Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20150924 Re: CVE Request - TrueCrypt 7.1a and VeraCrypt 1.14 Local Elevation of Privilege
Truecrypt 7 Derived Code/Windows: Drive Letter Symbolic Link Creation Privilege Escalation ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/133878/Truecrypt-7-Derived-Code-Windows-Drive-Letter-Symbolic-Link-Creation-Privilege-Escalation.html
VeraCrypt - Documentation	Release Notes Vendor Advisory veracrypt.codeplex.com text/html	CONFIRM veracrypt.codeplex.com/wikipage?title=Release%20Notes
TrueCrypt 7 / VeraCrypt 1.13 - Drive Letter Symbolic Link Creation Privilege Escalation	Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	EXPLOIT-DB 38403

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ciphershed	Ciphershed	All	All	All	All
Application	Idrix	Veracrypt	All	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Application	Truecrypt	Truecrypt	7.0	All	All	All
Application	Truecrypt	Truecrypt	7.0	All	All	All
Application	Veracrypt	Veracrypt	All	All	All	All

cpe:2.3:a:ciphershed:ciphershed:*:*:*:*:*:*:*:*:

cpe:2.3:a:idrix:veracrypt:*:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:*:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:*:*:*:*:*:*:*:*:

cpe:2.3:a:truecrypt:truecrypt:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:truecrypt:truecrypt:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:veracrypt:veracrypt:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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