

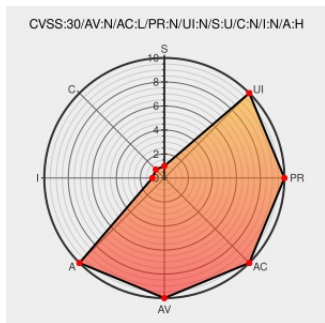


CVE-2019-11636

Published on: 05/01/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:35 PM UTC

CVE-2019-11636

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

Certain versions of [Zcash](#) from [Z.cash](#) contain the following vulnerability:

Zcash 2.x allows an inexpensive approach to "fill all transactions of all blocks" and "prevent any real transaction from occurring" via a "Sapling Wood-Chipper" attack.

CVE-2019-11636 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Denial of Service · Issue #3955 · zcash/zcash · GitHub	Third Party Advisory github.com text/html	MISC github.com/zcash/zcash/issues/3955
Duke Leto on Twitter: "Zcash has ~450 million USD	Third Party Advisory	MISC

marketcap, but it would only cost ~1/20th \$ZEC (\$4/day) to fill all blocks and stop all real transactions on it. No bug bounty program, because devs already found most of the bugs: ???? <https://t.co/JqUiFe2eXt> ???? Sapling Woodchipper ???? To be continued.....
<https://t.co/x9V5MLdMZW>"

[nitter.domain.glass](#)

[text/html](#)

twitter.com/dukeleto/status/1120467430118232066

Sapling Woodchipper CVE-2019-11636 | saplingwoodchipper.github.io

saplingwoodchipper.github.io

[text/html](#)

 [MISC saplingwoodchipper.github.io](#)

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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	Z.cash	Zcash	2.0.5	rc1	All	All
Application	Z.cash	Zcash	2.0.5	rc1	All	All
Application	Z.cash	Zcash	All	All	All	All
cpe:2.3:a:z.cash:zcash:2.0.5:rc1:****:*.*						
cpe:2.3:a:z.cash:zcash:2.0.5:rc1:****:*.*						
cpe:2.3:a:z.cash:zcash:****:*.*						

No vendor comments have been submitted for this CVE

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