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01:13  
\$7,885.98

Low  
\$7,883.28

High  
\$8,355.83

Marketcap  
\$134.45B

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ALTCOIN MINING MAY 22, 2018 18:13

# Privacy Coin Verge Succumbs to 51% Attack [Again]



VERGE






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Privacy-centric cryptocurrency Verge (XVG) appears to have succumbed to a 51 percent attack for the second time since the beginning of April.  
According to data published on [BitcoinTalk](#) by forum user ocminer — operator of altcoin mining pool Suprnova — an attacker appears to have successfully forked the Verge blockchain through a 51 percent attack. To accomplish this, the attacker manipulated a bug in the Verge code that allows malicious miners to set false timestamps on blocks and then rapidly mine new ones in quick succession.

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Privacy Coin Verge Succumbs to 51% Attack [Again]

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**supr nova \*no giveaways\***

@SuprnovaPools



**\$XVG @vergecurrency** is once again under attack, someone is 51%'ing the chain and invalidating all legit blocks. All pools and miners suffer from this, the attacker is getting all blocks currently.

2:51 AM - May 22, 2018

268 168 people are talking about this

The Verge protocol uses a rotation of five mining algorithms, and an image supplied by ocminer suggests that the attacker gained control of two of them — scrypt and lyra2re — mined them at virtually no difficulty, and used false timestamps to trick the network into accepting them into the main chain.

```

{
  "protocolversion" : 90001,
  "walletversion" : 60000,

  "newmint" : 0.00000000,
  "stake" : 0.00000000,
  "blocks" : 2178752,
  "moneysupply" : 15014568071.96872520,
  "connections" : 20,
  "proxy" : "",

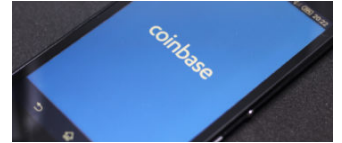
  "pow_algo_id" : 1,
  "pow_algo" : "x17",
  "difficulty" : 6498.70289278,
  "difficulty_x17" : 6498.70289278,
  "difficulty_scrypt" : 0.00154024,
  "difficulty_groestl" : 689626.42116395,
  "difficulty_lyra2re" : 0.00154024,
  "difficulty_blake" : 13228119.66794196,
  "testnet" : false,
  "keypoololdest" : 1526926296,
  "keypoolsize" : 101,
  "paytxfee" : 0.10000000,
  "errors" : ""
}
  
```

Source: ocminer/BitcoinTalk

The attack appears to have been carried out between blocks 2155850 and 2206272, enabling the attacker to abscond with approximately 35 million XVG — worth \$1.75 million at the current exchange rate — in just a few hours. The attack had subsided by the time of writing, though there does not appear to be anything that would prevent an attacker from resuming it again in the future.

XVG block: 00000037f9d28dfe25a6bdf681ec8f51198b0503d084f654fba72ee70f75904a						
Height	Difficulty	Confirmations	Size (kB)	Bits	Nonce	Timestamp
2200000	0.0002	6695	0.29	1e0ffff	3826299012	22nd May 2018 06:22:31

The attacker managed to gain control of two XVG algorithms and mine them at almost no difficulty. | Source: verge-blockchain.info



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19:57, Press Releases

Crypto Micro Investment App Launches in Melbourne

19:47, Press Releases

BTA Summit | Ruff Founder Roy Li: Application Practice of Blockchain Technology at the Enterprise Level

19:40, Press Releases

The response from Verge's developers, meanwhile, has been less from reassuring. The project acknowledged a mining-related issue in a Monday afternoon tweet but attributed it to a DDoS attack directed at several XVG mining pools. The account has not tweeted since.



**vergecurrency**

@vergecurrency



it appears some mining pools are under ddos attack, and we are experiencing a delay in our blocks, we are working to resolve this.

10:17 PM - May 21, 2018

504 325 people are talking about this

The attack appears similar to the one experienced by the Verge network less than two months ago when a malicious miner **acquired 20 million XVG**, worth more than \$1.1 million at the time. Then, as now, Verge developers downplayed the severity of the exploit, drawing criticism from many in the community.

Verge activated an emergency hard fork intended to address the bug, but critics including ocmminer argued that the upgrade was merely a "band-aid" and did not eliminate the underlying vulnerability.

The XVG price has declined approximately seven percent over the past 24 hours, which is moderately worse than the market as a whole. XVG currently ranks as the 31st-largest cryptocurrency and has a circulating market cap of about \$752 million.

As CCN **reported**, Verge recently inked a high-profile partnership with the owner of the world's largest adult entertainment sites to enable users to purchase premium content using XVG.

"Well clearly @mindgeek made the right decision and chose a secure, robust cryptocurrency to implement," concluded Riccardo Spagni, lead maintainer for privacy-centric cryptocurrency Monero, in a Tuesday **tweet**.

Verge did not immediately respond to a request for comment.

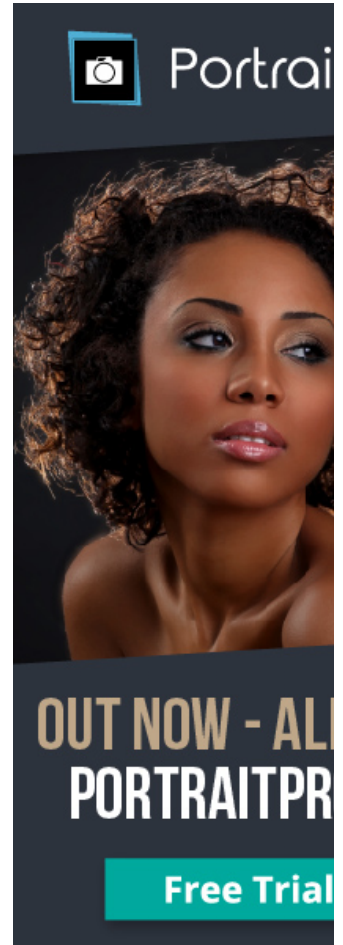
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