



## V Token - Credits (VVV)

<http://vtoken.info/>

V is a token that is designed to incentivize viral adoption, thru the use of clever tokenomics.

### Contract Address.

0xD0A69fd9DA28840603FBD76A8a0bCCF0aDb979E8

<https://etherscan.io/address/0xd0a69fd9da28840603fbd76a8a0bccf0adb979e8>

### Instructions.

1. To register Send 0.01 \*(Currently)\* Eth to the above contract. **(From a wallet you Control!!!)**
  - a. **MetaMask**
  - b. **Trezor**
  - c. **Ledger**
2. MetaMask --> Assets --> Import Tokens --> Custom --> Paste In contract Address.
3. Tell your friends.

### Tokenomics

The coin supply is based on metcalfe's law where the value of a network is the square of the users. In this case that value is minted and immediately distributed to the users as the number of coins is the square of the users( $X^2$ ). When there are 100 users there will be  $100*100=10,000$  total coins. When there are 1000 users there will be  $1000*1000=1,000,000$  coins.

### Pareto Principle $VVV^e$

The distribution of coins is based on the % of area under the curve of  $1/x$  (the natural log). Each time a new user registers all balances will automatically update. This works out that 80% of the coins are awarded to 20% of the users. When there are 100 users 20 will control 80% of the coins. When there are 100,000 Users 20,000 users will have received 80% of the coins. The natural log scales this distribution. There is no founder treasury or origin address, Even Rank 1 plays by the same rules as everyone else. Over time Rank 1 will fall to near 10% of the total allocation.

$$UserAwardAllocation\%=(\ln(RankID) - \ln(RankID - 1))/\ln(TotalUsers) + 1$$

### Automatic Compounding (Number Go Up!)

When a user joins, they mint their award and automatically compound everyone else's awards the balance calculation algorithm in the contract is dynamic and does not require gas to read/update. This is extremely resource efficient. Considering the cost of gas to do each balance adjustment as a transaction would be expensive and or impossible after a few dozen users. As one transaction from a new user registering can update thousands or millions of other accounts.

### Incentives - *In almost all cases being early to a project or token is the defining factor.*

There is a massive incentive to join and find new users, as the Tokenomics are slanted too award earlier participants and all participants are awarded for each new user. The faster a user registers the higher rank and larger % of the distribution they will get.

Each new user will get the largest initial award but less total than prior participants. Each additional user/award is computed in the same way.

### Entertainment Value & Gamification

When a user onboards another user they immediately see their balance go up and the person they introduced to the token also gets to see their signup award immediately, while increasing everyone else's balance all at the same time. Once a user signs up they lock in their rank and can watch their balance grow. Checking your balance and watching it grow is fun. By Registering a user can mint credits for themselves and everyone else. A single new user has a large impact overall.

### Inflation & Entry Fee

The awards to incentivize new users to register is inflationary and dilutive to all participants. But the Entry fee can be adjusted to ultimately limit the overall amount of inflation. Inflation is not actually a problem if you have a commensurate increase in users. Unlike nearly every other Crypto Currency V might actually circulate as the users are always receiving more.

### Unit Of Account

Over time the number of signups will likely be stable and predictable relative to the entry fee. If this is the case ultimately the token could compete with stable coins as one half (Credit) of the transaction is free. Users only need to pay to spend (Debit).

### Signup Award Schedule

Users	TotalSupply	SignupAward
1	1	1.00
2	4	1.64
4	16	1.93
8	64	2.78
16	256	4.38
32	1,024	7.28
64	4,096	12.50
128	16,384	21.96
256	65,536	39.19
512	262,144	70.80
1,024	1,048,576	129.17
2,048	4,194,304	237.52
4,096	16,777,216	439.64
8,192	67,108,864	818.36
16,384	268,435,456	1,530.68
32,768	1,073,741,824	2,875.13
65,536	4,294,967,296	5,420.56
131,072	17,179,869,184	10,253.25
262,144	68,719,476,736	19,451.76
524,288	274,877,906,944	37,000.43
1,048,576	1,099,511,627,776	70,549.72