THE BITCOIN RM WHITEPAPER

Website	https://www.bitcoinrm.org
Email	team@bitcoinrm.org
Github	https://github.com/BitcoinRM/BCRM
Youtube	https://www.youtube.com/c/BitcoinRM
Discord	https://discord.gg/aj2QVc9
Reddit	https://www.reddit.com/r/BitcoinRM
BitcoinTalk	BitcoinRM
Medium	https://medium.com/@bitcoinrm

Last Updated: 9/8/2018

EXECUTIVE SUMMARY

1. Bitcoin RM is the first smart fork of Bitcoin. It is a crypto currency for everyone in the world. Its main goal is to empower Retail Merchants. It is a 100% Proof-of-Work coin just like Bitcoin, but with a different symbol: BCRM

2. This is a smart fork, which starts with a clean blockchain instead of copying all the existing Bitcoin blockchain. This makes our blockchain slimmer, cleaner and faster.

3. All users who hold at least 0.001 BTC in their wallets as of the snapshot date are eligible to file a claim for forked coins (BCRM coins). Due to regulatory reasons, we will not allow / approve claims filed by persons or organizations under the jurisdiction of United States of America.

4. The snapshot date will be on August 20, 2018. We expect to launch our fork on August 30, 2018.

5. To file a claim for BCRM coins, one must have all of the following:
    a. a Bitcoin wallet that allows signing messages with one's Bitcoin private key
    b. Bitcoin address that begins with 1 (number one)
    c. official Bitcoin RM wallet
    d. a valid email address

6. Technical features of Bitcoin RM:
    a. Unique addresses, wallet file names, net magic and port numbers
    b. ASIC resistant Equihash 144/5 mining algorithm with custom Blake2b personalization string
    c. Zawy's LWMA2 difficulty adjustment algorithm to protect against 51% attacks
    d. Ability to run MAIN net, TEST net and REGR net (Regression Test) all at the same time
    e. Average Block interval 60 seconds; Max supply 1 Billion coins; Coinbase maturity about 24hrs; Segwit support; Max block size 20MB; Higher data carrier size of 223; Dynamic block reward with weighted average of 339.58 coins per block

7. Bitcoin RM coins that will go to the team:
    a. 1 million BCRM coins of Premine (0.1% of Maximum coin supply).
    b. 5% of miner's block reward whenever the reward is at least 100 coins.
    c. Left over BCRM coins from 21 million Claims Fund (block-1 reward). Coins will be left over due to unclaimed coins, ineligible or unapproved claims and excess coins beyond max Bitcoins in circulation as of snapshot date.

8. Some of the ways in which we plan to empower Retail Merchants:
    a. Instant Crypto Cashback: Merchants buy discounted coins from us and give them as instant cashback to their customers.
    b. Atomic cross-chain trading: Users can safely convert their crypto coins from/to BCRM coins if a

Merchant does not accept Bitcoin RM coins.

c. Crypto Affiliate Program: Merchants can manage their affiliate network better when they accept Bitcoin RM from users. Affiliates get their commissions faster.

d. Lightning Network: It will be even cheaper and faster to send/receive BCRM coins for Retail Merchants and their customers.

e. Payment Forwarder: This will automatically forward incoming payments to various partners, affiliates and sales persons of a Retail Merchant.

f. Crypto Purchasing Terminals: We will provide incentives to Retail Merchants and Cryptocurrency ATM operators (such as coinme) to maintain a device / tablet to allow their customers to instantly purchase BCRM coins.

g. Merchant Account: Using our software, Retail Merchants receive BCRM payments from their customers either directly to their Exchange deposit address or indirectly through our Payment Forwarder. Our software will help merchant to automatically sell some or all of the BCRM payment into fiat currency as soon as possible. We will partner with Exchanges (that support cashing out into fiat) that our Retail Merchants can open business accounts with. If that does not work, We will create our own software to connect to such Exchanges using their API.

h. Support for startups: We will provide capital (in the form of BCRM coins) and technical assistance to at least a few users who want to launch small businesses.

 i. Advertising to support merchants: We will advertise on our website and in our claim processing emails (sent to Bitcoin users who file claim for coins with us) for merchants, government agencies or business development groups.

j. The RM Card: Similar to FoundersCard but with no fees. For Retail Merchants and users with intention of starting a small business. Card holders educate community and get discounts.

9. Bitcoin RM will always be a crypto currency to empower Retail Merchants and to give choice and convenience to the entire user community in the world. It will never be a token or a security.

10. We will maintain a dedicated Merchant Advocate on our team to support Retail Merchants and to advise users who want to launch a startup and become a Retail Merchant.

11. If you are merchant, business development organization or a user about to launch a startup, please reach out to our **Merchant Advocate** to become a BCRM merchant.

12. If you are an advertiser or a government agency interested in promoting your business, please contact the **team** directly.

13. If you are a business writer who wants to write about hurdles merchants are facing today (e.g. expensive transaction costs, poor affiliate/sales strategy, difficulty to retain customers, inefficient loyalty/coupon strategy), please contact our **Community Manager** directly.

14. If you are a crypto Exchange that allows fiat withdrawls, and want to gain more customer accounts from small businesses, please contact our **Merchant Advocate** directly.

INTRODUCTION

A. Claiming Bitcoin RM coins

1. All users, except those subject to the jurisdiction of United States of America, who hold at least 0.001 BTC in their wallet are eligible to apply to receive forked coins (Bitcoin RM coins) on a 1 to 1 basis. User must have a Bitcoin Address that begins with 1 (number one) and a wallet that supports signing messages with his/her private key. Users subject to the jurisdiction of United States of America are not eligible, regardless of the amount BTC he/she holds.

2. The user must provide his/her valid email address. It may take upto 7 days to review and approve claim application. The team will review and approve claim applications but reserve the right to refuse any claim application for any reason. Optionally, the team reserves the right to request additional information before approving application for certain claimants. If the Claims Fund is running low due to too many claims for large amounts, we reserve the right to start deducting transaction fees from claim amounts. This is unlikely to happen because our Claims Fund is 21 million BCRM coins.

3. The team will provide a window of at least 60 days to allow all eligible Bitcoin users to file a claim to receive forked coins.

4. The date of snapshot of Bitcoin blockchain is August 20, 2018. Bitcoin RM smart fork will go live on August 30, 2018.

5. Although not required, claimants are encouraged to participate in our Youtube channel and our social media pages such as Reddit and BitcoinTalk.

B. Technical Features of Bitcoin RM

1. This is a smart fork. We do not copy existing Bitcoin blockchain. We start with a new, clean and lean blockchain instead. This means that our developers do not copy or spread some offensive content that is part of Bitcoin blockchain. As a result, the Bitcoin RM team is in full compliance with obscenity / trafficking laws, such as, Stop Enabling Sex Traffickers Act (SESTA) in USA.

2. We use our own custom wallet names, net magic numbers and port numbers. Although not needed, we added support for replay protection with our own ForkID. This will come in handy in the unlikely event that we have to relaunch or announce a swap.

3. We are currently running seed nodes and DNS seed servers in multiple locations throughout the globe. Soon, we will more seed nodes in other locations.

4. Our team gets coins through unclaimed coins from Claims Fund (block-1 reward), Premine coins

and Founders' Reward coins. The last part is periodic but only when mining reward is at least 100 coins.

5. We use 100% proof-of-work mining algorithm. The algorithm will be Equihash mining algorithm (Equihash 144/5) with our custom Blake2b personalization string.

6. We use Gitian build to create full node wallets for Linux, Windows and Mac OS operating systems.

TECHNICAL DETAILS

1. Total supply of our coins is 1 billion coins. Because no subsidy is given if it is less than 1, Total supply will never reach but will always be below 1 billion coins.

Our average block interval time is 60 seconds. Block size maximum is 20 MB (10 MB if segwit is turned off). Actual block size depends on what options miners are using. If miners do not set block size (which must below our allowed maximum), the defaults are:

```
DEFAULT_BLOCK_MAX_SIZE = 750000;
DEFAULT_BLOCK_MAX_WEIGHT = 3000000;
```

Our maximum allowed SigOps cost (`MAX_BLOCK_SIGOPS_COST`) is 500KB. Our Coinbase maturity is currently 24 hours.

Assuming average size of a transaction to be 495 bytes, max transactions per second =
   (max block size) / (495 * 60)

Even at current default block size of 750000, we can support upto about 25 transactions per second. This is more than enough capacity for us. However, we can enforce higher defaults in the future and ultimately we can support upto about 673 transactions per second (Compare this to Bitcoin's default of upto about 7 transactions per second). As more and more users adopt higher internet speeds and IPv6 gains wider global acceptance, our average block interval time of 60 seconds should work out perfectly to cater to retail merchant transactions.

2. We use a much larger Nonce than Bitcoin's Nonce. Bitcoin default Nonce size is only uint32_t (2**31), about 4 billion possible values. This means bitcoin miners must juggle with different transactions, time stamps, coinbase field *etc.* to mine it. To avoid such juggling, and to accommodate the increased complexity of equihash mining, we use uint256_t Nonce, 2**255 possible values!

3. Our mining algorithm is 100% Proof of Work, specifically, Equihash 144/5 with our own Blake2b personalization string. All blocks on the blockchain, including the genesis and Premine blocks, will

use this mining algorithm. This is very secure and ASIC resistant and we most likely do not need to worry about ASIC miners at least for the next 8 years. In the event that ASIC miners start exploiting our coin, we anticipate that the price of such ASIC devices to become very affordable such that GPU users can easily afford them, thus preserving our mission of keeping mining fair and decentralized.

Zcash uses Equihash 200/9 which takes up 1344 bytes. Using 256-bit nonce instead of default 32-bit nonce takes up extra 28 bytes (1 byte == 8 bits). So, Header size increase for Zcash is 1344 + 28 == 1372 bytes. But in our case, we use Equihash 144/5 which takes up only 100 bytes. So header increase for our coin is only 128 bytes. So, we have much less block size overhead due to Equihash.

4. However, our Equihash 144/5 requires about 2.5GB RAM and fast processor or GPU with significant RAM (recommended) for mining. We use custom Blake2b personalization string and the latest LWMA2 difficulty adjustment algorithm. This means that abusive miners with larging capacity cannot quickly direct their hardware power to launch 51% attack against our coin easily.

Zcash uses Equihash 200/9
Bitcoin Gold uses Equihash 200/9 (They too are soon switching to 144/5)
MinexCoin uses Equihash 96/5
Zero Currency uses Equihash 192/7

GPU memory requirements:

    equihash200_9   >   512MB (solution size: 1344 bytes)
    equihash192_7   >   6GB   (solution size: 400 bytes)
    equihash96_5   >   32MB   (solution size: 68 bytes)
    equihash144_5   >   8GB   (solution size: 100 bytes)

The following script can be used to determine solution size for any Equihash variant.

```python
#!/bin/python
import sys

if len(sys.argv) != 3:
  print 'Usage: ' + sys.argv[0] + ': N K'
  exit()

N = int(sys.argv[1])
K = int(sys.argv[2])
SolSize = 0

if K < N and N % 8 == 0 and N/(K+1) < 31 and (1 << K)*(N/(K+1)+1) < 15356:
  SolSize = (1 << K)*(N/(K+1)+1)/8
  print 'Equihash variant OK, Solution Size:',SolSize,'bytes'
else:
  print 'NOT a valid Equihash variant'
```

The necessary condition for a valid N, K pair is:

```
(CBlockHeader::HEADER_SIZE + equihash_solution_size(N, K))*MAX_HEADERS_RESULTS <
MAX_PROTOCOL_MESSAGE_LENGTH – 1000
```

5. Our wallet file names and config directories (wallet files are inside config directory) are:

`BCRM.imp`   (main wallet file) ⟵ **Please backup and keep this file safe!**
`testnetBCRM.imp`   (testnet)
`regtestBCRM.imp`   (regtest)

Windows config directory: `%APPDATA%\BCRM`
Mac OS config directory: `~/Library/Application Support/BCRM`
Linux config directory: `~/.bcrm`

Optional config file: `bcrm.conf`   (inside config directory)

We can launch Mainnet, Testnet and Regtest at the same time. User can override the wallet filename defaults with -wallet command line option. On Linux, the following additional packages are required:

`fontconfig`   `xkeyboard-config`
`stix-fonts`   `libX11-xcb` (On Debian Linux: `libx11-xcb-dev`)

6. Although not needed, we incorporated replay protection. In the unlikely event that we have to recall and reissue coins, this comes in handy. Our Fork ID and port numbers are shown below.

Fork ID: 94

MAIN net port: **2094**/tcp   (Main network)
MAIN net RPC port: **2095**/tcp

TEST net port: 3094/tcp   (Test network)
TEST net RPC port: 3095/tcp

REGR net port: 4094/tcp   (Regression Test network)
REGR net RPC port: 4095/tcp

7. Our address prefixes

For MAIN net:
    Regular Address: Prefix **R**
    Script: Prefix **M**

For TEST net:
    Regular Address: Prefix X
    Script: Prefix x

For REGR net:
    Regular Address: Prefix Y
    Script: Prefix y

8. We also use our own net magic numbers, as shown below.

MAIN net: `0x42 0x43 0x52 0x4d` (the characters: B C R M)
TEST net: `0x43 0x44 0x53 0x4e` (shift above characters by 1)
REGR net: `0x44 0x45 0x54 0x4f` (shift above characters by 1 again)

9. We have seed nodes in various parts of the world. Here are their IP addresses and host names:

Los Angeles, USA

```
167.160.180.109                     la.bitcoinrm.org
2607:fcd0:100:1917::b5ce:65f        la.bitcoinrm.org
```

New York, USA

```
104.168.53.53                       ny.bitcoinrm.org
```

Sao Paulo, Brazil

```
35.198.37.53                        sao.bitcoinrm.org
```

Montreal, Canada

```
142.44.240.101                      montreal.bitcoinrm.org
2607:5300:201:3100::34b             montreal.bitcoinrm.org
```

Gravelines, France

```
51.38.187.18                        node0.bitcoinrm.org
2001:41d0:305:2100::18ef            node0.bitcoinrm.org
```

Singapore City, Singapore

```
139.99.99.154                       singapore.bitcoinrm.org
2402:1f00:8000:800::ae4             singapore.bitcoinrm.org
```
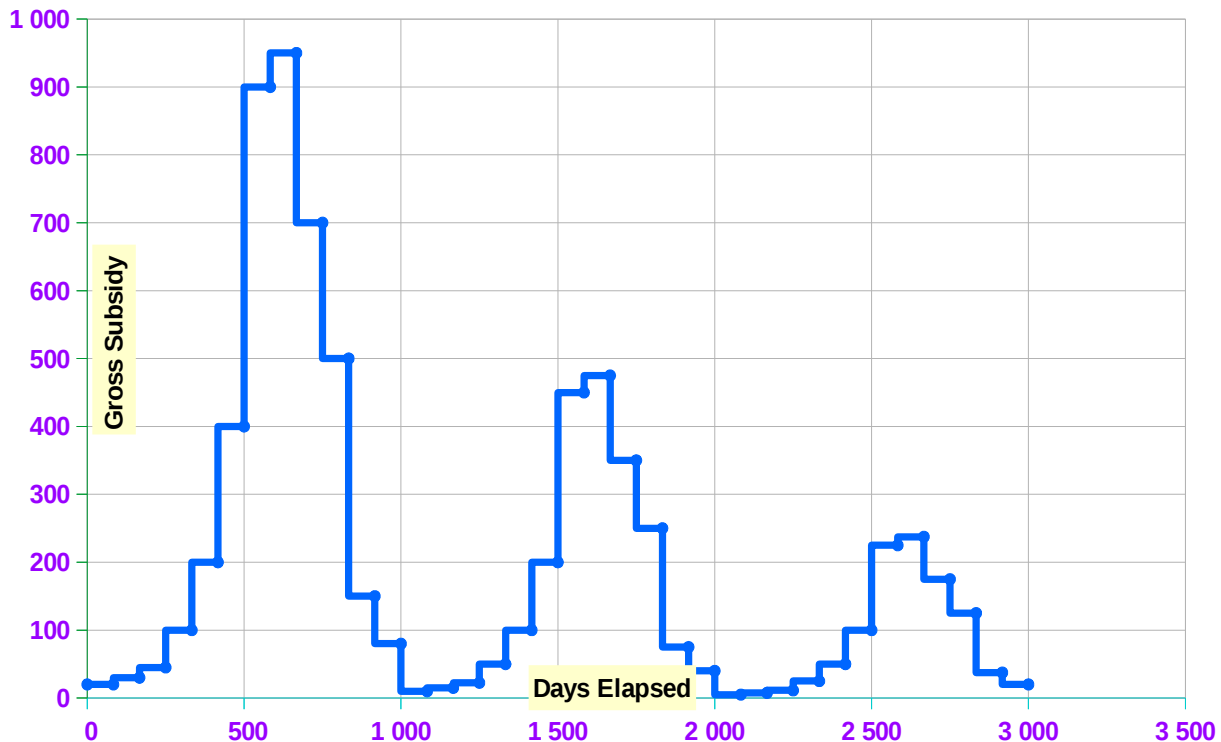
Sydney, Australia

```
139.99.195.218                          sydney.bitcoinrm.org
2402:1f00:8100:400::b16                 sydney.bitcoinrm.org
```

Our Brazil and New York nodes currently do not support IPv6. We plan to change these nodes to better providers and add IPv6 support in the near future. Also, we plan to add new seed nodes in South Africa and India later this year.

10. Miners get dynamic block rewards for mining BCRM coins. The weighted average block reward is 339.58 coins per block. Actual mining reward varies with time. Maximum 64 halvings; i.e. maximum number of intervals: 64, each lasting 1440000 blocks (~2.7 years). If block subsidy is less than 1, no subsidy is actually given to miners. When there is no subsidy, miners only collect transaction fees. After 5 intervals (~13.7 years), there will be no mining subsidy for 240000 blocks (~167 days) and then subsidy begins after that period. We charge 5% Founders' Reward during the times mining subsidy is at least 100 coins. This means, we stop collecting Founders' Reward after about 4 intervals (~10.9 years). All block subsidies stop after 10 intervals (~27 years).

Please refer to the above diagram to understand how mining subsidy varies with days since launch. We chose this type of dynamic reward system to discourage pump and dump schemes, i.e. miners suddenly flock to a new coin and mine it as much as they can and then quickly dump their coins. Soon after, they abandon mining that coin and move on to another newly launched coin. When there are no miners mining a coin, transactions in that coin cannot go through. This impacts the user community. During the first LWMA2 Averaging Window period (warm up period), we start with a reasonable

initial mining difficulty to allow smooth mining and prevent any abuse. To control inflation, we still reduce subsidy by 50% after each halving interval of about 2.7 years. There are no special blocks or super blocks. We don't believe in lottery or surprise block subsidies.

Block Number		Block Subsidy	
From	To	Gross	Actual Net
21	120020	20	20
120021	240020	30	30
240021	360020	45	45
360021	480020	100	95
480021	600020	200	190
600021	720020	400	380
720021	840020	900	855
840021	960020	950	902.5
960021	1080020	700	665
1080021	1200020	500	475
1200021	1320020	150	142.5
1320021	1440020	80	80
1440021	1560020	10	10
1560021	1680020	15	15
1680021	1800020	22.5	22.5
1800021	1920020	50	50
1920021	2040020	100	95
2040021	2160020	200	190
2160021	2280020	450	427.5
2280021	2400020	475	451.25
2400021	2520020	350	332.5
2520021	2640020	250	237.5
2640021	2760020	75	75
2760021	2880020	40	40
2880021	3000020	5	5
3000021	3120020	7.5	7.5
3120021	3240020	11.25	11.25
3240021	3360020	25	25
3360021	3480020	50	50
3480021	3600020	100	95
3600021	3720020	225	213.75
3720021	3840020	237.5	225.625
3840021	3960020	175	166.25
3960021	4080020	125	118.75
4080021	4200020	37.5	37.5
4200021	4320020	20	20
.	.	.	.
.	.	.	.
.	.	.	.

FEATURES:

Total Claims Fund: 21 Million coins
Maximum Supply: 1 Billion coins
Total Premine: 1 Million (0.1%)
Average Block Time: 60 seconds
Mining Algorithm: Equihash 144/5
Mining Type: 100% Proof-Of-Work
Maximum Block Size: 20MB
Difficulty Retarget: Each block
Difficulty Algorithm: LWMA2
No masternodes; No superblocks

MINING SUBSIDIES:

Block subsidy both varies and halves. It varies after each varying interval and halves after each halving interval.

Varying interval: 120000 blocks (about 83 days)

Halving interval: 1440000 blocks (about 1000 days)

There are 12 varying intervals in each halving interval.

Block subsidy varies every 120000 blocks (about 83 days).

These varying subsidies are also reduced by 50%, every 1440000 blocks (about 1000 days).

5% Founders' Reward is deducted if gross subsidy is at least 100 coins.

No subsidy is given if Gross subsidy is less than 1 coin.

When Block subsidy is zero, miners will only collect transaction fees if there are transactions. If there are no transactions and block subsidy is zero, miners collect no coins at all.

1 440 000		489 000 000	2.7 years		
blocks	**subsidy**	**total subsidy**	**days**	**days elapsed**	
20	varies	22 000 000	-1	- 1	
BEGIN	20	0	0	0	
120 000	20	2 400 000	83	83	Interval 1
120 000	30	3 600 000	83	167	Interval 1
120 000	45	5 400 000	83	250	Interval 1
120 000	100	12 000 000	83	333	Interval 1
120 000	200	24 000 000	83	417	Interval 1
120 000	400	48 000 000	83	500	Interval 1
120 000	900	108 000 000	83	583	Interval 1
120 000	950	114 000 000	83	667	Interval 1
120 000	700	84 000 000	83	750	Interval 1
120 000	500	60 000 000	83	833	Interval 1
120 000	150	18 000 000	83	917	Interval 1
120 000	80	9 600 000	83	1 000	Interval 1
120 000	10	1 200 000	83	1 083	Interval 2
120 000	15	1 800 000	83	1 167	Interval 2
120 000	22.5	2 700 000	83	1 250	Interval 2
120 000	50	6 000 000	83	1 333	Interval 2
120 000	100	12 000 000	83	1 417	Interval 2
120 000	200	24 000 000	83	1 500	Interval 2
120 000	450	54 000 000	83	1 583	Interval 2
120 000	475	57 000 000	83	1 667	Interval 2
120 000	350	42 000 000	83	1 750	Interval 2
120 000	250	30 000 000	83	1 833	Interval 2
120 000	75	9 000 000	83	1 917	Interval 2
120 000	40	4 800 000	83	2 000	Interval 2
120 000	5	600 000	83	2 083	Interval 3
120 000	7.5	900 000	83	2 167	Interval 3
120 000	11.25	1 350 000	83	2 250	Interval 3
120 000	25	3 000 000	83	2 333	Interval 3
120 000	50	6 000 000	83	2 417	Interval 3
120 000	100	12 000 000	83	2 500	Interval 3
120 000	225	27 000 000	83	2 583	Interval 3
120 000	237.5	28 500 000	83	2 667	Interval 3
120 000	175	21 000 000	83	2 750	Interval 3
120 000	125	15 000 000	83	2 833	Interval 3
120 000	37.5	4 500 000	83	2 917	Interval 3
120 000	20	2 400 000	83	3 000	Interval 3
.	.	.	.	.	Interval 4
.	.	.	.	.	Interval 4
.	.	.	.	.	Interval 4

Weighted Avg Block Subsidy: **339.58** coins per block.

Average Block interval: **60** seconds.

Each halving interval lasts **1440000** blocks (~2.7 years)

Block reward for genesis block is zero. After genesis block, we create the first block (block-1) with 21million coins (corresponds to total bitcoin supply). We will premine 19 blocks (after block-1) for 1 million coins. This is **0.1%** of Maximum coin supply.

There will be 64 halving intervals, each reducing the subsidies of previous interval by 50%.

We will only charge Founders' Reward (fixed at **5%**) if the subsidy is at least 100 coins. Therefore, Founders' Reward completely stops after 4 halving intervals (~10.9 years)

Maximum coin supply is 1 Billion. Because we will not issue mining subsidy in fractional coins (arising out of 50% reduction in each halving interval), the maximum supply will be a bit less than 1 Billion coins.

Note: The symbol "~" means "approximately."

PLANNED ROADMAP

1. July 25, 2018
Announce our coin officially and start promoting it online.

2. August 10, 2018
Test and launch miners. Complete premining. Do a test run of claiming.

3. August 20, 2018
Take snapshot of Bitcoin UTXOs. Seek out advertisers.

4. August 30, 2018
Launch MAIN net officially. And begin processing claims from Bitcoin holders.

5. September – December, 2018
Apply and get our coin listed on Exchanges. Stop accepting claims from Bitcoin holders. But Bitcoin holders will retain the option to enjoy any of the offers or promotions sent to them by our advertising partners.

6. December, 2018
Obtain indications of interests from Retail Merchants to use our coin and software. Partner with Exchanges (only those that provide API and support fiat currencies). Merchants will our software to liquidate coins received from their customers into fiat as soon as possible either fully or partially, to mitigate crypto value fluctuation risk.

7. February 15, 2019
Launch Payment Forwarder and Affiliate System for Retail Merchants.
Launch The RM Card for community.

8. June 30, 2019
Sign up as many Retail Merchants as possible for our coin.
Launch Instant Cash Back system for community.

9. July 30, 2019
Test and implement Lightning Network support.
Explore options of installing terminals / ATM systems through partners.

10. December, 2019
Test and implement cross chain atomic swap with Bitcoin and other popular crypto currencies

11. January, 2020

Launch complete Merchant Account package for Retail Merchants. The Merchant Account package includes all essential services, including The RM Card, for merchants.

12. March, 2020
Launch Startup Support Fund to promote startup businesses.

Please note that all the items in Planned Roadmap are subject to change and some items may be completed sooner or later than their listed deadline. Despite such changes, we are committed to bringing value to our retail merchants and our user community.

FREQUENTLY ASKED QUESTIONS

1. Do you have a Premine?

Yes. Our team gets coins from unclaimed coins (i.e. when some Bitcoin holders do not get our coins because they did not actually claim or they're ineligible), 0.1% Premine (1000000 coins) and 5% Founders' Reward (only when mining reward is at least 100 coins) for 9.3 years from launch.

2. When is your ICO?

Bitcoin RM is a smart fork of Bitcoin. As such, it is a crypto currency only and not a security. Therefore, there is no Initial Coin Offering (ICO).

3. Do you have masternodes?

Our coin is a 100% proof of work coin with no masternodes, just like Bitcoin. We also do not have superblocks, ultra blocks or any special blocks or surprise block rewards.

4. Why do you have Premine?

It costs a lot of money to pay for infrastructure, software development, testing, marketing and promotion. Additionally, we incur costs in making future enhancements (as outlined in the Roadmap) and bug fixes as needed. Our Premine of 0.1% is one of the most reasonable you will ever find in the crypto industry.

5. Why do you also have Founders' Reward?

Our Founders' Reward is only 5%, compared to 20% charged by Zcash. The purpose of Founders' Reward is to provide ongoing incentive to the founders and the team. Premine is a one time revenue and it does not cover ongoing costs incurred by the team. For example, the founders and the team will

hire additional developers, promoters etc. Founders' Reward of 5% is very reasonable, given that a lot of mining software charge 5% Dev fee. Charging miners a Founders' Reward is a way of putting some of the mined coins to work for the overall community. This is how various governments operate. For example, when you start a business, you pay initial filing/registration/license fee and then taxes every year on your business profit.

6. Why another Bitcoin fork? Aren't there too many already?

We agree that there are already many Bitcoin forks. However, we are one of the few smart forks out there! As crypto industry matures, needs of the community evolve. Therefore, it is safer to fork and launch a coin specific to those evolving needs. In our case, our fork's purpose is to empower Retail Merchants and embrace all users in the world who support small businesses. Ultimately, it is a matter of choice and every single segment of community gets what it wants. Can you imagine a world with just 10 blogs, or 50 internet companies or 100 movie producers? When consumers have more choices, it ultimately benefits them because increased competition leads to a free market without monopoly.

7. I heard that Alt coins are doomed. Then, why should I care about Bitcoin RM fork?

It is true that a lot media outlets, fake crypto experts, promoters and even crypto Exchanges are screaming that we have too many Alt coins. Who are they to decide which Alt coin is better than the others? It is upto the user community to make that decision! Why are these middlemen telling the end users what to do? We do not go through any middlemen. Instead, we reach out to the community directly. It is upto the community to decide which coin is better and which one is not. We believe in our mission to empower merchants because ultimately we all need and depend on a strong economy. If you believe in our mission, please support us. Just like we are reaching out to you directly, we urge you to reach out to us directly with any suggestions, questions or concerns. We will give you all the relevant information and be transparent in what we do. After that, the decision to participate in our project is yours.

8. Isn't it unsafe to claim your forked coins? I don't want to reveal my private keys.

You claim coins by a claim procedure which does not involve revealing your Bitcoin private keys. We do not need your private keys. We will never ask for your private keys or money (fiat or crypto currency).

9. How should I buy BCRM coins?

We hope to get our BCRM coins listed on Exchanges. We will keep you posted on this. We strongly suggest that you acquire BCRM coins by: **a.** working for us, **b.** mining, **c.** buying on Exchanges.

10. Which wallet should I use?

Because we are a smart fork, our blockchain is quite small currently. Therefore, you do not have to wait hours for the full node to synchronize. We strongly recommend that you download our full node on our website and use it's wallet, instead of any third party wallet. Remember to backup and keep your wallet file (BCRM.imp) safe. See item number **5.** on page 7.

11. Why a smart fork, instead of a regular fork?

A smart fork is, well, smart :) We start with a clean blockchain that is slim. This makes it easy for anybody to download and use our wallet. You don't need a lot of disk space or hours of waiting for synchronization. A smart fork also does not spread any offensive content from Bitcoin, because it does not blindly copy entire existing blockchain of Bitcoin.

12. Where are you located?

We are an international team of crypto enthusiasts. We do not do any business in United States of America. However, if you are a resident of USA, you can still work for us as a promoter, developer *etc*. Please contact us to learn about our current job opportunities.

13. How can I contact you?

The best way to reach us is by emailing us or chatting with us on our Discord server.

14. Who are your current investors?

The Bitcoin RM team has no investors and no debt. The team hires people as needed for the duration needed and pays the candidates in BCRM coins. Because we have no investors or third parties claiming control, the Bitcoin RM team is completely independent.

15. I currently own Bitcoins. How do I know if I can get BCRM coins when you fork?

If you are not connected to USA, you have at least 0.001 BTC in your wallet (i.e. you have the private keys) on snapshot date (currently set to August 20th, 2018) and your wallet supports message signing, then you are eligible to file a claim for BCRM coins. You will get BCRM coins on 1-to-1 basis (i.e. equal to your BTC balance on snapshot date).

16. How should I mine BCRM coin?

Our official pool is pool.bitcoinrm.org. Ideally, you want a good computer with GPU with at least 10 GB GPU memory (such as Nvidia GTX 1080Ti). We will soon release a mining client, which will not charge a Dev fee (although it will not be the fastest!). For best performance, use a commercial miner that supports Equihash 144/5 (e.g. EWBF, miniZ, Funakoshi, Lolminer) with custom personalization string. Our Blake2b personalization string is: BCRMcoin