

**Enmanet – A Decentralized Data Sharing Platform,
Hosting, and Content Distribution Network through
Masternode Network**

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Note: Enmanet is undergoing vigorous research and development and content in this whitepaper can change on regular basis.

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Introduction

In a globalized world, dominated by hundreds of companies that enrich themselves by doing business by managing the information and content that the users themselves create, an independent, autonomous and secure platform is required, which allows the free transfer of data, without restrictions or censorship that companies and governments establish.

The Enmanet project is born from the need to create an environment free of censorship, autonomous and secure, using current master node system expanding its usefulness.

Currently, the masternode system is only used for the encryption of transactions, however, this technology could be expanded to many other satellite services, giving the network greater utility.

In this Whitepaper we will explain what is the proposal of the Enmanet Project, the time of execution of the project, the financing to make the project a success and many other things.

Current Masternode Infrastructure

A node can simply be understood as a computer that plays a part in ensuring the integrity of a coin network. The crypto space is not only decentralized but also distributed; therefore it functions by several people running nodes from different parts of the world. That said, you require a full node to host a copy of the Blockchain (coin's ledger) and thus support the network.

A Masternode is a crypto full node (computer wallet) that supports the network by hosting an entire copy of the coin's ledger in real time. In return, the Masternode will receive crypto coins as a reward. It is a great alternative to mining.

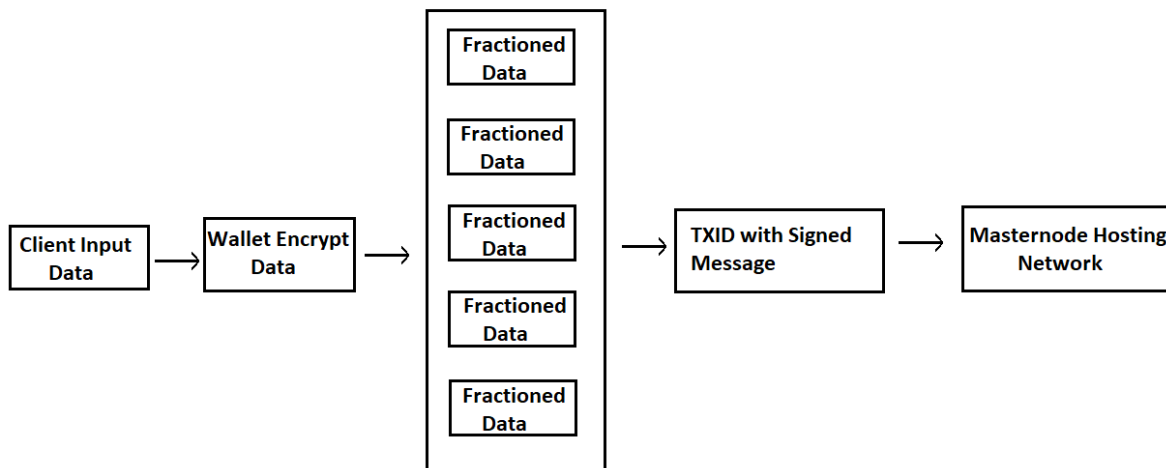
Currently the master nodes are hosted on remote servers or virtual private servers, which have large storage space and enough bandwidth to redistribute content. However, the current infrastructure does not use these advantages and these resources are never used.

Proposed Storage Infrastructure

Masternode Hosting Network

Our proposal is to use the Master Node Network to store information. The benefits of using the existing network of master nodes to store and share information are large, since it can be used to encrypt internal transactions (payments), or encrypt uploaded data (files). The files will be split into multiple pieces that will be redistributed in the Masternode Network, and stored with a Hash identifier.

Simple diagram:



The fractioned data sent to the masternode hosting network is stored encrypted, to protect the data.

- Signed Message** Information of the file, such as size,name or date.
- Transaction ID** File Identifier Hash
- Masternode** Storage Data Server

With this method of data storage, any type of file can be redistributed, including audio and video streaming.

For example. A File is uploaded, that file will be Encrypted and divided by the wallet, then a Transaction will be created in the chain with all the information of the file in the Signed message, such as size, name, date etc.

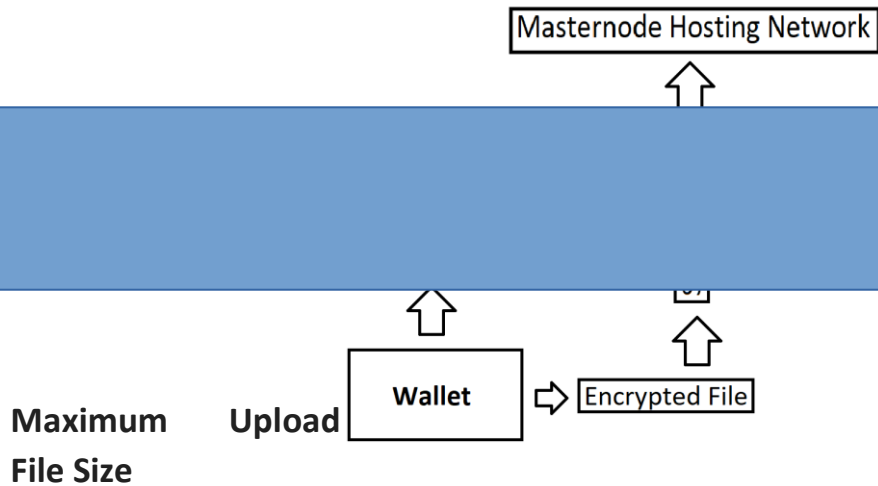
The next step is to upload the file to the masternode hosting network using a secure SFTP channel.

Upload Method

The file upload method will be through a secure data transfer channel using SFTP (SSH File Transfer Protocol) which is a secure file transfer protocol. It runs over the SSH Protocol to Encrypt the data. It supports the full security and authentication functionality of SSH.

Uploading a file will be easy, simple and automated in most of the process, this means that when someone wants to upload a file, the system will create a connection between multiple master nodes using the SFTP protocol, and distribute the files between existing nodes. Each loaded file will be registered in the block chain with an identifier.

Any file can be uploaded to the network, and it can be downloaded by any user using the Wallet.



At the beginning, only files of up to 50 MB will be allowed, as the network grows, the maximum size per file will increase.

Minimum storage Required

Any master will have to meet certain requirements to receive profits, one of them is the minimum storage that will have to provide to the network. at the beginning the minimum required will be 60 GB per masternode, but it will increase as the network requires more capacity.

Minimum Network Connection

For the network to be fast enough, it will be required that master nodes have a minimum connection of 100mbps. This will guarantee a fast transfer of files.

Search Bar

The Wallet Will include a Search bar, that Will look up into the Block chain for a signed message. For example:

You type: "Ebis" The Wallet will send a request to the blockchain trying to

The TXID is the Video identifier and the signed message the name of the video file.

Monetizing Files

thanks to the blockchain system, it will be possible to monetize the information to generate profits, either through voluntary tips from the users or even request a fee for viewing the information. All those profits will be in Enmanet , and will be transferred to the owner of the information.

This is Optional, and it would be up to the content owner if he wants to monetize his files or leave it free.

Selecting Master Nodes to Host Data

The masternodes that will be chosen to store data will be selected in a random way, to guarantee a correct distribution of the content. There will be limitations, for example, a masternode can not contain more than 2 parts of the same file.

Audio and Video Player and Web Player

Using the Masternode Hosting Network its possible to add a Video or audio player, streaming the stored files in the network. The wallet will have a tab which will contain a video player directly connected to the masternodes network. It can also support web players, through RPC connections you can request the content. Beta Version Will Support Divx and MP4.

Example Image.



Multi Website Support

Thanks to the blockchain system and Masternode hosting Network, it is possible for any user to design their own web page and connect directly to the network to redistribute the content, working only as portals of the Main Network.

This is achieved by using the extended RPC connections, which will allow streaming or downloading files directly from the command line, giving an infinite number of combinations and uses to the network.

Benefits of Using Masternode Hosting Network

The current network of master nodes is becoming useless, since it is used only to encrypt data, and the rest of the resources that the master node can provide is wasted, our team proposes to use those unused resources to store information and at the same time distribute it among Users that require it in an EASY, FAST, SAFE but above all ANONYMOUS way.

Without intervention of a central entity, advertising or additional costs would be avoided, and the network is completely autonomous, since it depends on

users for their subsistence, miners and master node owners will obtain profits by providing services to the network.

Another benefit is the lack of Censorship in the content over the network,

Financing method to achieve goals

In order for the project to be self-sustaining and to be developed in an appropriate manner, it will be necessary to obtain resources from the Pre-sale of Masternodes. These resources will be used to:

- 1.- Expand the Development Team, with at least 3 more members.
- 2.- Establish a Central Office.
- 3.- The payment to access at least one renowned Exchange.
- 4.- Payment of Additional Services (such as Marketing campaign) .
- 5.- Development of new technologies that expand Enmanet.

That is why a Masternode Pre-sale will be require to obtain those resources.

Masternode Pre-sale Price

The pre-sale will begin on December 14, 2018, and 300,000 Enmanet will be sold in total.

1 Masternode = 0.20 BTC

20% Discount will be applied to the purchase of 2 or more Master Nodes.

Enmanet Specification

The Algorithm chosen for Enmanet is Xevan Algo, which has proof that is a secure and fast algorithm, its mining is exclusive for GPU and CPU.



Enmanet Coin Specs

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Specifications

Specification	Value
Algo	Xevan
Block Size	3MB
Block Time	120s
Reward Method	50% Pow/50% MN
Masternode Requirement	1,000 EMN
Default Port	16555

Block Reward Distribution

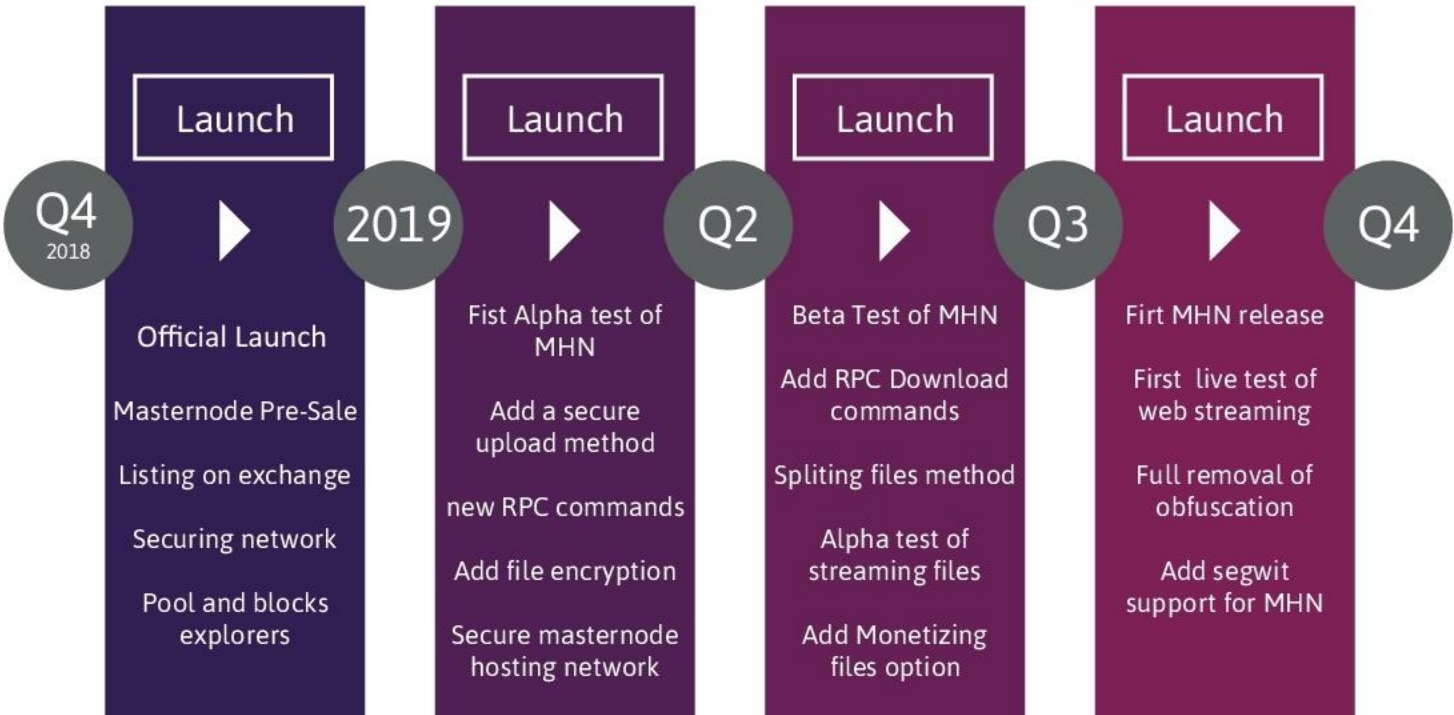
Block	reward
0	300,000 EMN
1-200	3 EMN
201-399	4 EMN
400-infinite	5 EMN

Block Reward Distribution

BLOCK	REWARD
0	300,000 EMN (Premine)

BLOCK	REWARD
1-500	5 EMN
501-1500	10 EMN
1501-Infinite	12 EMN

Road Map





Invest now in Enmanet
The future of Masternodes.