

CHAPTER 1

INTRODUCTION

The Blockchain technology has enormous potential for growth due to its excellent layer isolation and other traits. Now, Eleutherus/GP takes this one step forward by providing a content-agnostic protocol that ensures absolute GPdom to developers. Thus, Eleutherus/GP is different from ‘tall’ blockchain protocols that define the operations of both the blockchain network and the application. Therefore, we like to term our initiative as a ‘narrow’ blockchain protocol that is application-agnostic. Meaning, it only defines the operations of the blockchain network, but not of any application.

Before we move any further, we’d like to mention that this whitepaper discusses Eleutheros, the trustless blockchain protocol, and GP, the governance protocol based on two propositions.

Firstly, the Blockchain technology consists of two very independent levels — the network level and the application level. While the network level is concerned with the creation and processing of block headers, the application level is concerned with the creation and processing of block content.

Secondly, these two layers are kept well-isolated.

Therefore, Eleutherus/GP is quite similar to the TCP/IP protocol, which is again a very well-layered networking protocol that primarily consists of four layers — Application, Transport, Internet, and Network Access. The same goes for all other networking protocols because layering is a need and not an option when it comes to networking protocols.

Now that does not mean that the blockchain networking is in any way similar to that of the TCP/IP networking, or operates in a similar way. All it implies is that every networking protocol must have its own layers, which are in tune with the networking protocol’s requirements.

For instance, block headers are not as packet headers, neither are they created nor managed in a similar way. That explains why there needs to be an altogether different framework for each of the two networking technologies. Now the headers are just one basic difference that we have discussed. As a matter of fact, there are several others.

Another key difference between the blockchain technology and its predecessors is that despite being a layered network technology, the