Blockchain, Bitcoin & Lisk

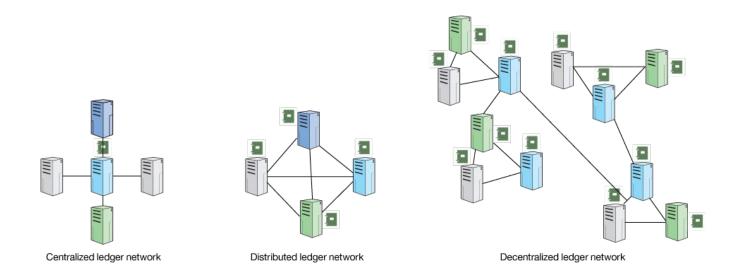
A brief introduction to the **Blockchain** eco-system and deepening on **Lisk**

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Blockchain & Bitcoin

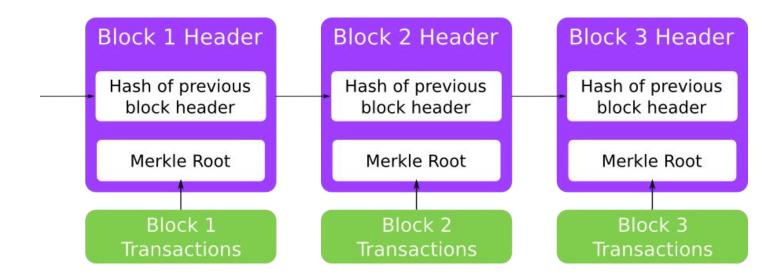
Cos'è la Blockchain?

DECENTRALIZED LEDGER | LIST OF BLOCKS | TAMPER RESISTANT



What is the Blockchain?

- A list of concatenated blocks
- Blocks are not editable after their insertion in the chain
- Security provided by cryptography



What is the Blockchain?

- New blocks are appended in the chain with a process called mining
- Mining is an expensive process and need a growing amount of resources
- Miners compete for the creation of the next block
- Miners receive a reward for every mined block



"On top" alla Blockchain? Platforms | Area | Algo



Moneta elettronica

POW Proof of Work



Smart contract

POW (POS) Proof of Work/..Stake



Decentralized storage

POR Proof of Retrievability

Lisk! & DPOS



Lisk - intro

22 February - 21 March 2016

ICO Initial Coin Offering

14,009 BTC

about

13,5 millions €

Lisk - intro

Decentralized App Framework

Developed entirely in **Javascript**

Open Source

DPOS

API & SideChains & SDK

Lisk - js & open source

2017 Stack Overflow Developer Survey

Most popular language? Javascript

Open Source

https://github.com/liskHQ

Lisk - nodo, wallet & API

"Simple and Ready to use"

VPS 2-4GB RAM e 2VCPU

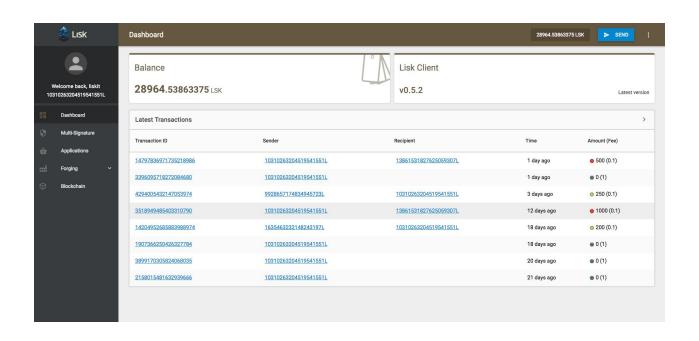
Self-installing node ("bash is lovely")

Many APIs which handle the communication with the node

(e.g "http(s)://ip:8000/api/loader/status/sync")

Lisk - nodo, wallet & API

"Super Easy Blockchain gateway"



Lisk - DPOS

Delegated Proof of Stake

network composed by > 950 nodes Mainet | > 400 nodes Testnet

Delegates act as creator for new blocks, voted by the community

forging delegates 101

tot (962) 1091 Mainet | tot (321) 342 Testnet

Lisk - DPOS

Voting system

1 LSK x 33 votes for a total of 101

Forging & Reward

Delegate Round / 10 sec per Block

5 LSK 1 year | 4 LSK 2 year | 3 LSK 3 year | 2 LSK 4 year | 1 LSK from 5

Lisk - attori

Users

- Merchants
- BlockChain Apps users

Delegate

- Network guard
- Lisk forger

Developer

Services
developer using
API / SDK

Lisk - development

current Version (+ 1 version)

0.7.0 on Mainet | 0.8.0a on Testnet

2016?

Forging Community | Foundation | </Code Improvements>

2017?

"Lisk is growing faster!"

LiskJS 20/03/17

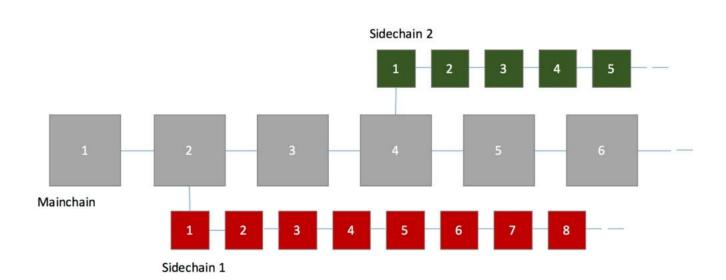
The Lisk-JS library now contains an **API Wrapper**, cryptographic tools, helper functions for developers to make their application more secure.

Lisk Rebrand 28/03/17

TAIKONAUTEN AGENCY (https://www.taikonauten.com/)



"Blockchain Branches"



Blockchain Applications

a lot of proposal and concepts

find it on Lisk official website lisk.io

Community & LIG - Lisk Italian Group

Lisk - community

Lisk Channels

Lisk Website chat.lisk.io

Lisk Chat lisk.chat aprox 3473 registered users

Lisk Forum forum.lisk.io

Lisk Blog blog.lisk.io

... twitter, facebook and youtube and more!

Lisk - community

Lisk Tools

Lisk Network explorer.liskwallet.net

A lot of Guidelines and installation/monitoring

node tools

telegram bots and more

* everything is reported on the Lisk forum!

Lisk - LIG LISK ITALIAN GROUP

Group Website liskitaliangroup.github.io

8 Italian delegates committed in

Dissemination | Coding | FULIG





redsn0w





Lisk - LIG LISK ITALIAN GROUP

7 contribution to Lisk core & documentation

+ 10 open source projects

Investors using Multi-signature address named FULIG

explorer.liskwallet.net/address/13861531827625059307L

aprox 2K € donation for Italians Earthquake victims