Bitcoin Fork

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Outline

- Introduction
- Soft fork
- Hard fork
- Some bitcoin forks

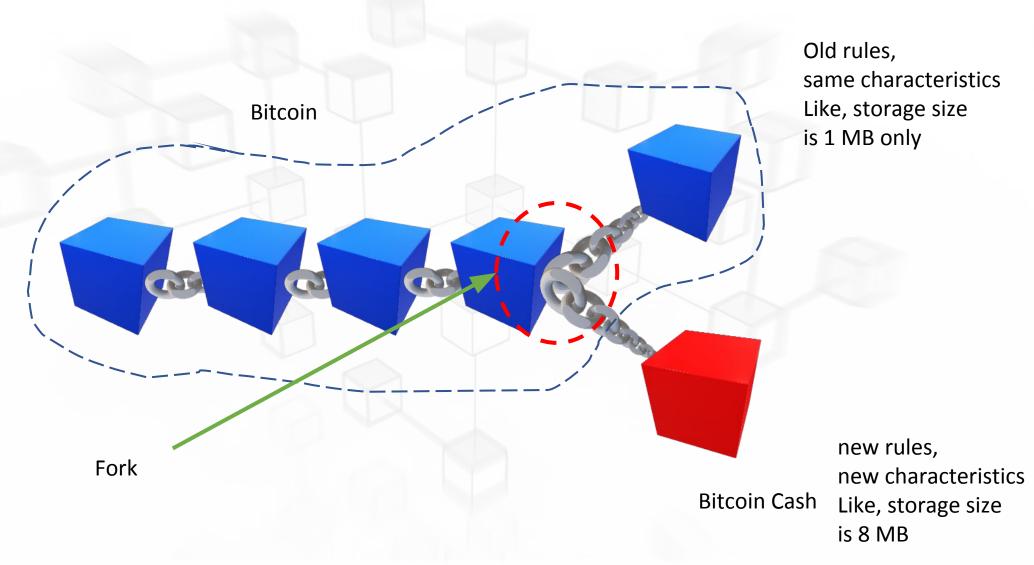


Introduction

The bitcoins are created using a digital signature – a **blockchain** They are almost impossible to forge In bitcoin a piece of code that can be used transactionally, forming a protocol When someone wants to change that protocol a bifurcation is created, known as a bitcoin fork. As result of fork two or more versions of bitcoin can exist at the same time – the original bitcoin and the newly-created coin Forks happen because developers have disagreements over protocols or updates in the code. Sometimes, developers want to make a 'better' version of bitcoin or deal with an issue that is causing problems



bitcoin fork example (hard fork)

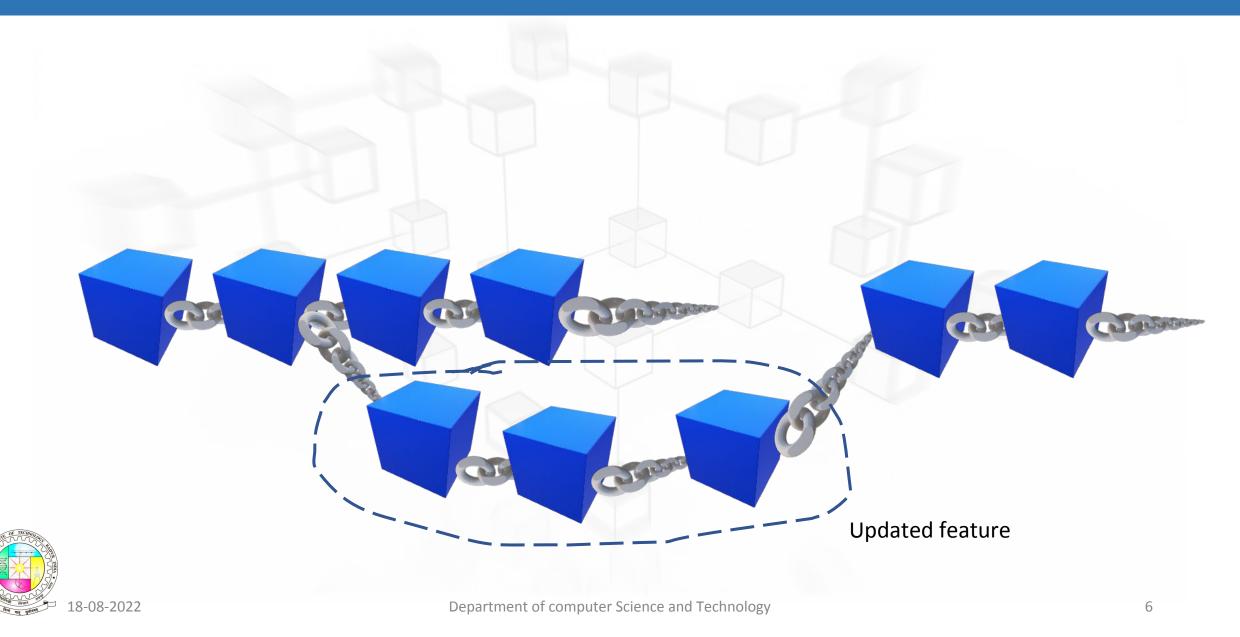


Types of Bitcoin Forks : Soft fork

- ☐ When a change to the protocol is enacted that is an update to the existing code but doesn't create a new coin, it is known as a soft fork.
- ☐ Soft forks are backwards compatible which means that they work alongside the original bitcoin, providing extra functions or features.
- ☐ Need majority of nodes to enforce new rules
- ☐ Old nodes will approve
- ☐ New signature schemes
- ☐ Extra per-block metadata



Types of Bitcoin Forks : Soft fork

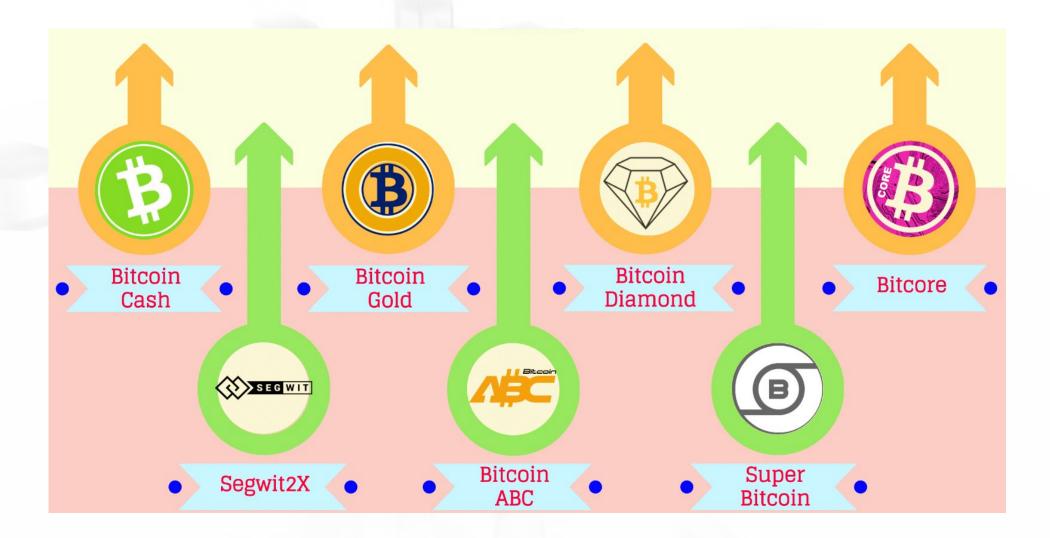


Types of Bitcoin Forks : hard fork

- ☐ Hard fork occurs when a change to the code renders all existing protocols invalid.
- ☐ Hard forks create a completely new bitcoin currency and reject all transactions from the legacy version,
- becoming incompatible with the original blockchain.
- ☐ New op codes
- ☐ Changes to size limits
- ☐ Changes to mining rate
- ☐ Many small bug fixes



Major Bitcoin Forks





Can You Benefit From Bitcoin Forks?

- ☐ the biggest benefit is that you can get free coins
- ☐ When a hard fork creates a new cryptocurrency
- holders of the original currency can claim the same amount in the new coin in addition to the ones they hold
- ☐ When a fork is announced, the original coin price can go down.
- ☐ However, it can sometimes get boosted as others buy-in before the fork
- ☐ Another way that a fork can benefit you is if they offer 'futures'



Things to Consider About Bitcoin Forks

- ☐ forks are created and not all of them to solve a genuine problem in the original protocol.
- ☐ For some early forks, have issues with performance and privacy issues
- Announcing a new fork can make developers rich instant
- ☐ Of course, the announcement might well be a scam
- ☐ One of the most well-known scams is Bitcoin Platinum

