

Governance of Blockchain

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 - upgrade softwares **through smart contract and transparent voting on the blockchain**
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 - When miners find two different blocks at the same time, resulting in two different chains
(temporary fork; the network agrees on the longest chain eventually, and the shorter one will be abandoned)
 - When some nodes want to enhance the network's functionalities by adding new features, or changing a core rule (conscious and permanent fork)

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(to be able to mine, nodes are incentivized to upgrade)

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(It was a soft fork since nodes having older version still validate the new blocks)

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 - If minority chain gets some support (continue on mining), two chains will exist together

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- Monero : in January 2017, introduced an update to the network in order to improve privacy and security

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 - everyone who owned Bitcoin at the time received same amount of Bitcoin Cash

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- Segwit2X planned on 16 November 2017 but cancelled due to lack of consensus