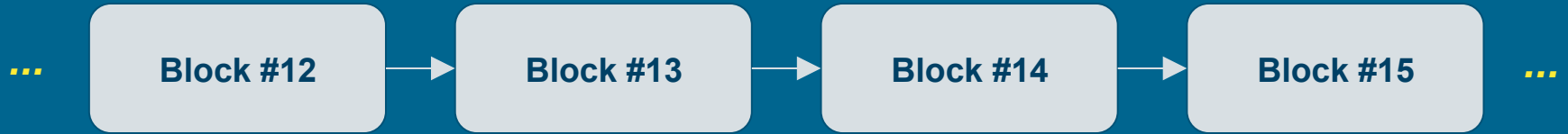


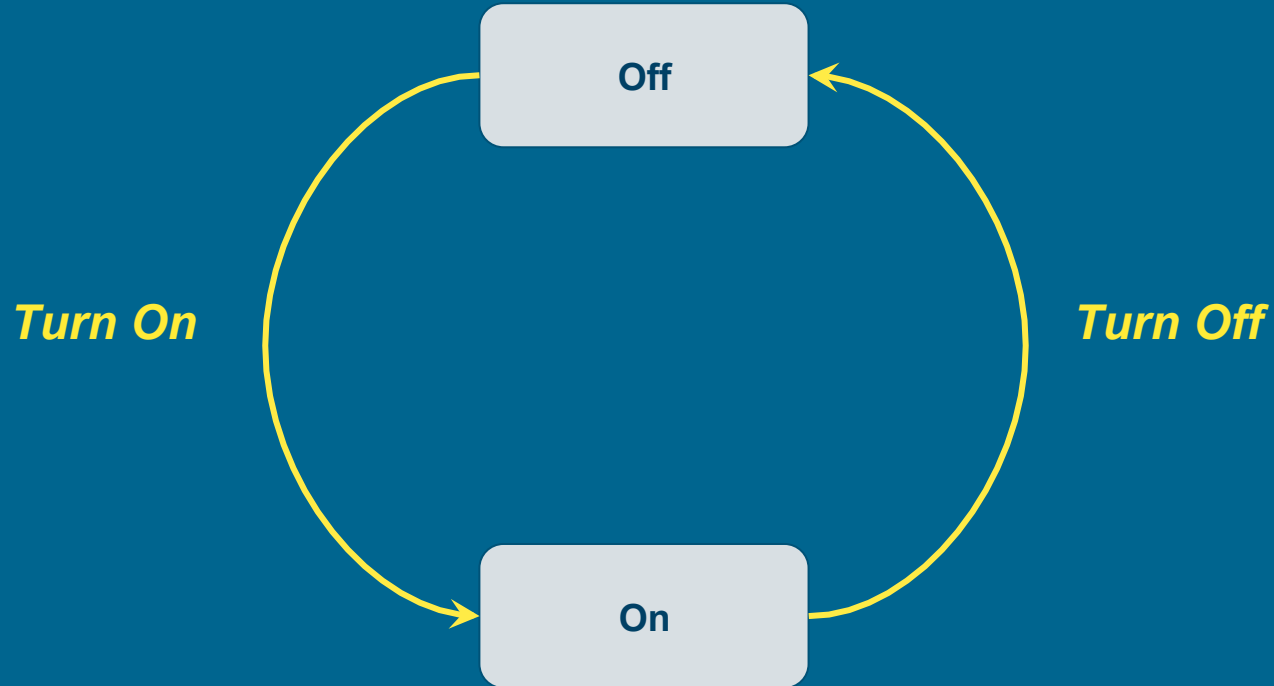
Introduction to blockchain

SIGNATVRA

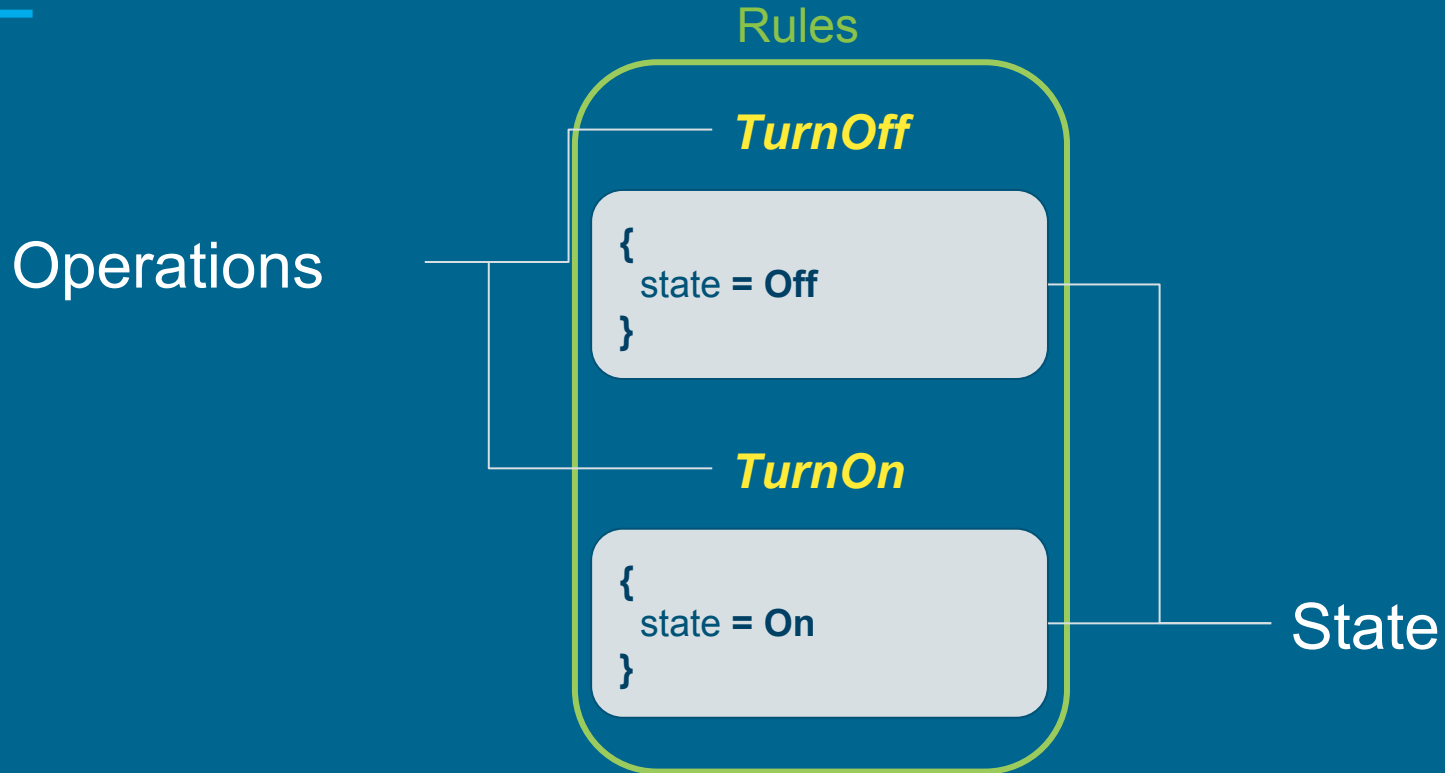
Blockchain in 10 minutes



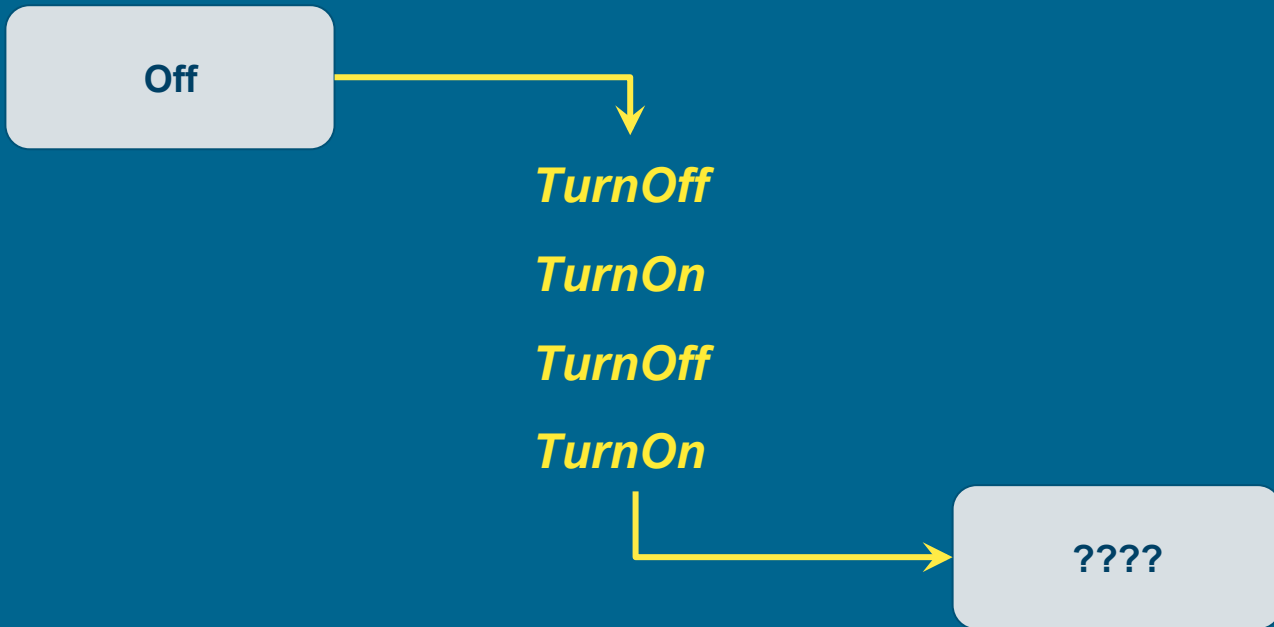
State Machine



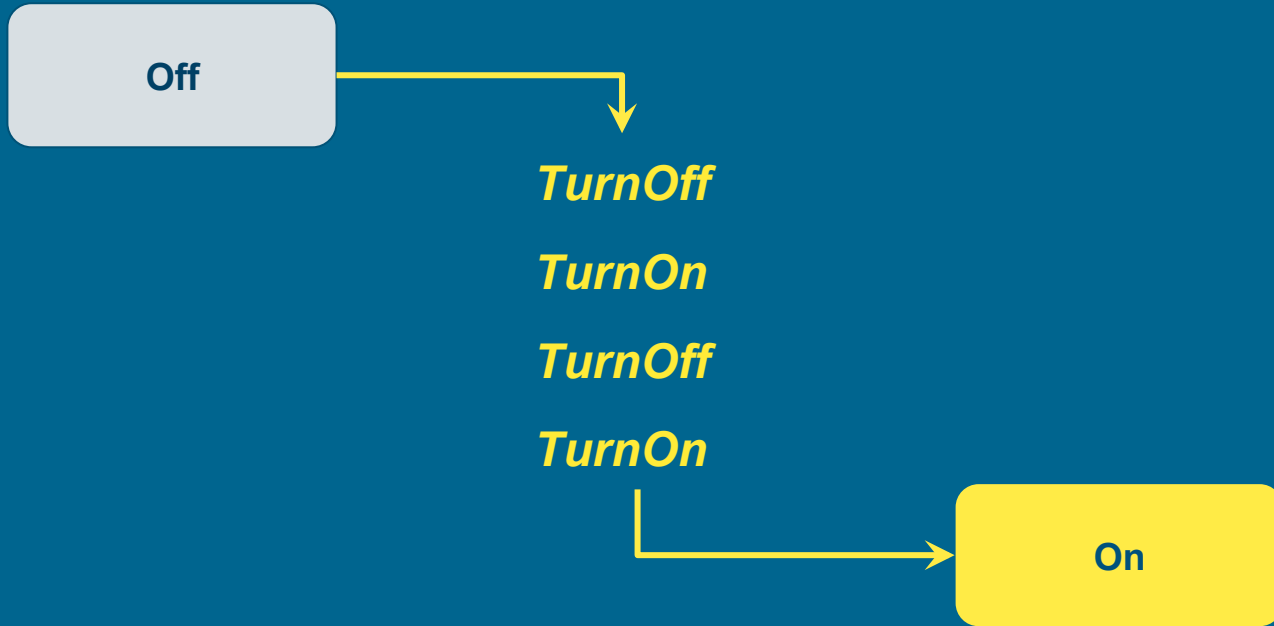
State Machine



State Machine



State Machine



State Machine

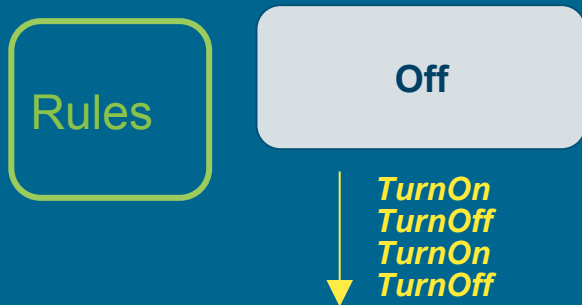
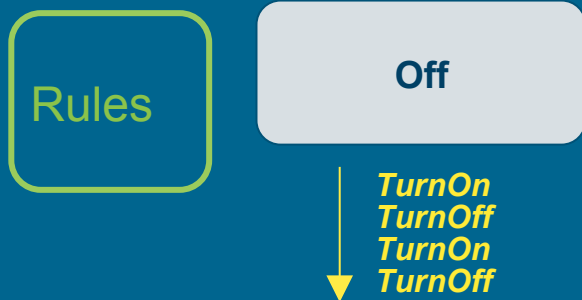
Initial State

+

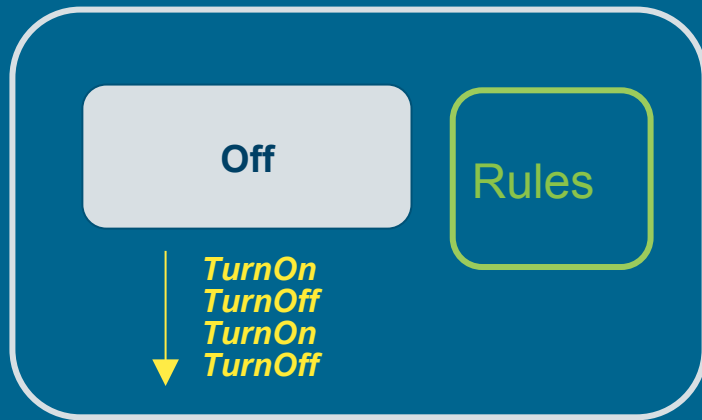
**Chronologically ordered list of
operations**

Current State

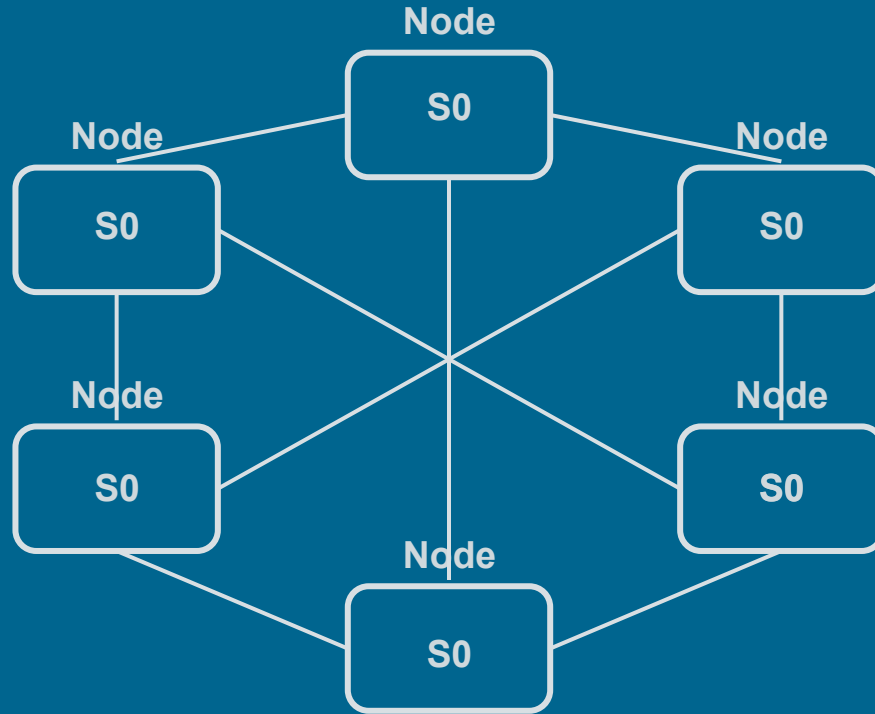
State Machine



Node!



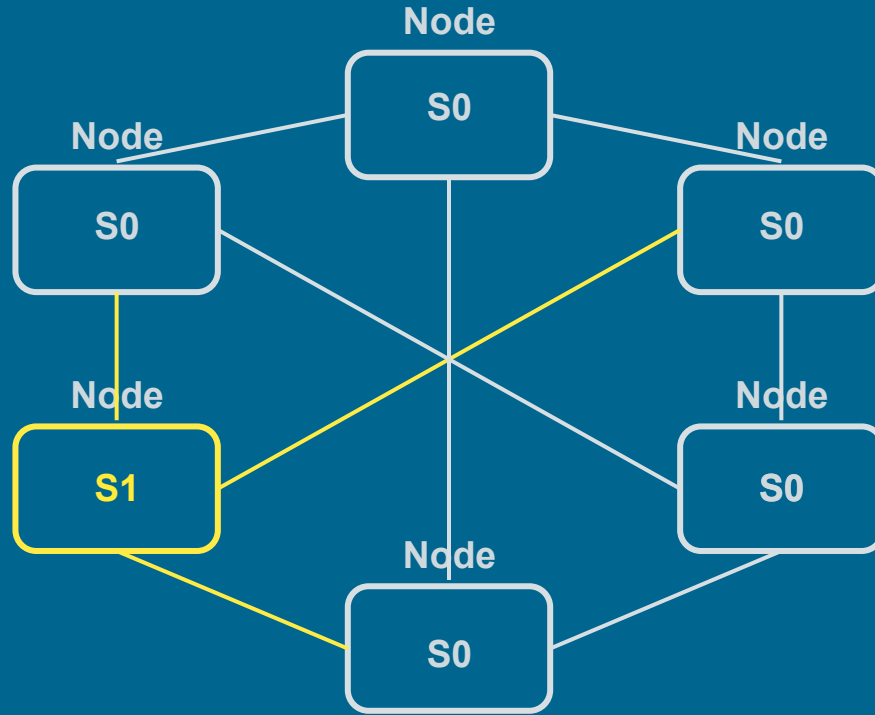
P2P Network



TurnOff

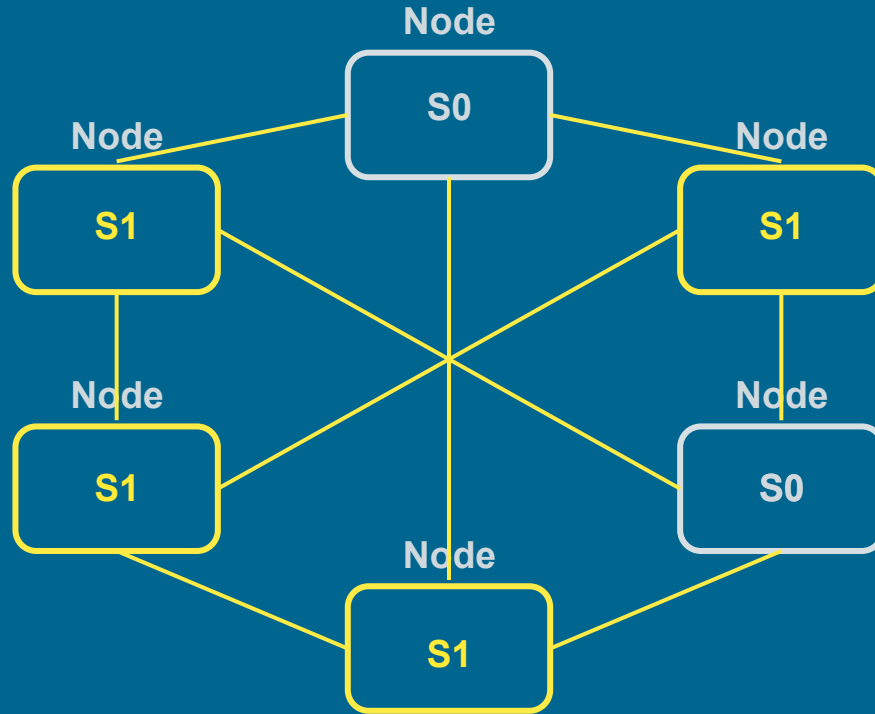


P2P Network



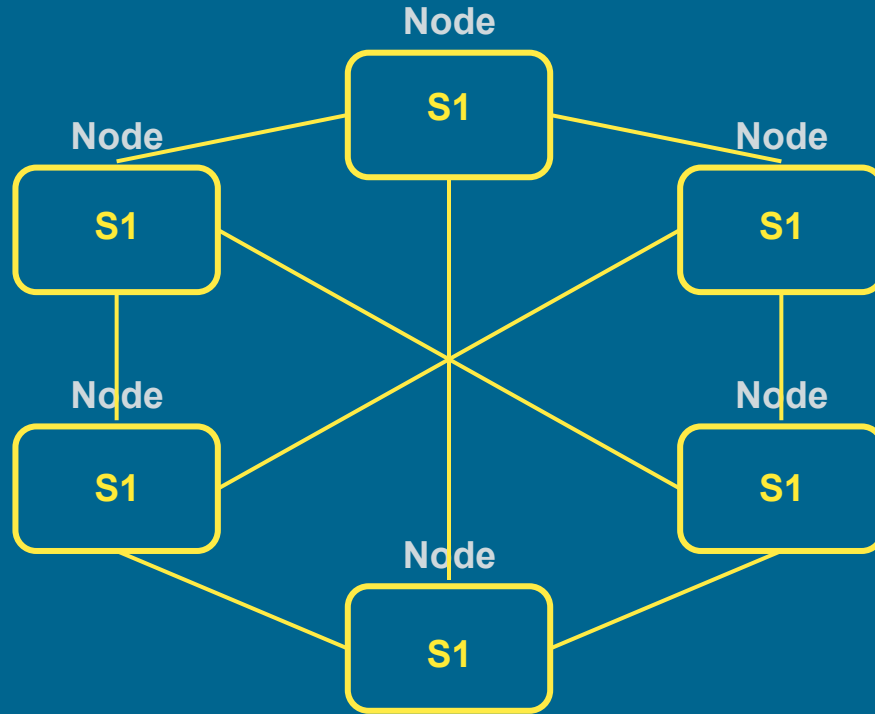
TurnOff

P2P Network



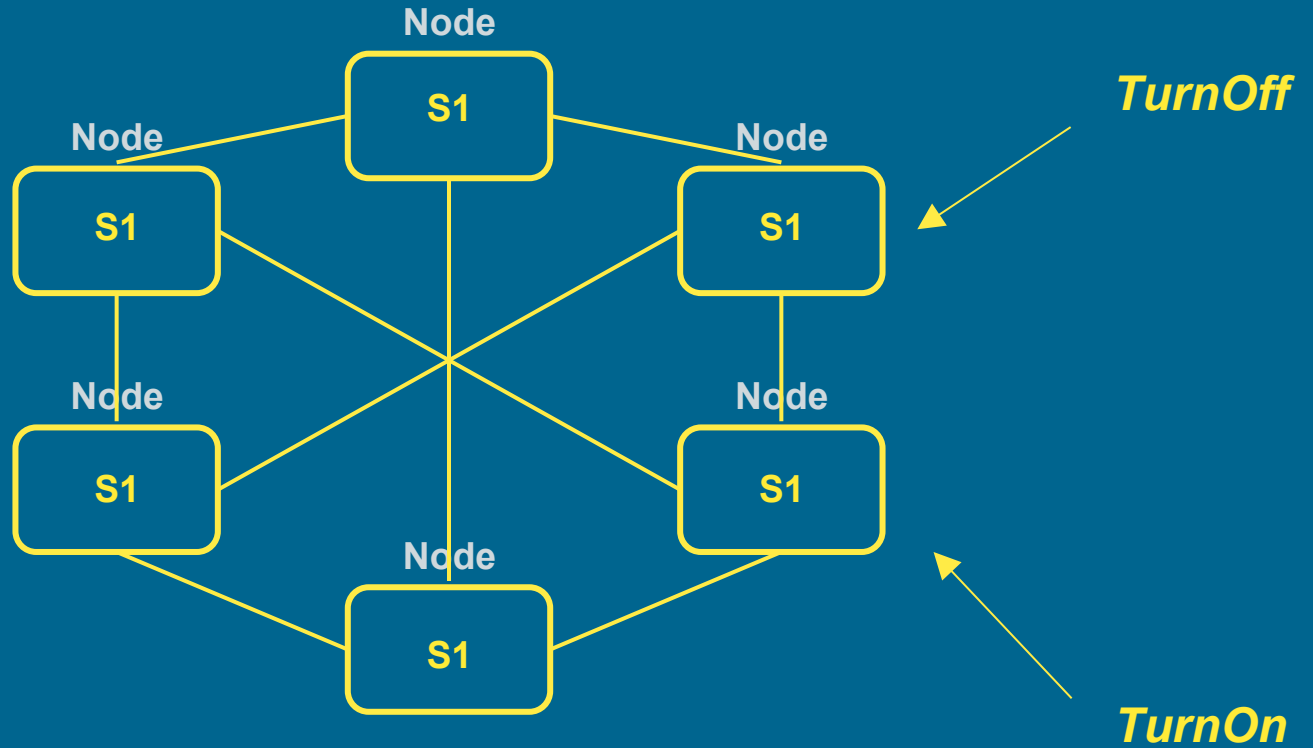
TurnOff

P2P Network

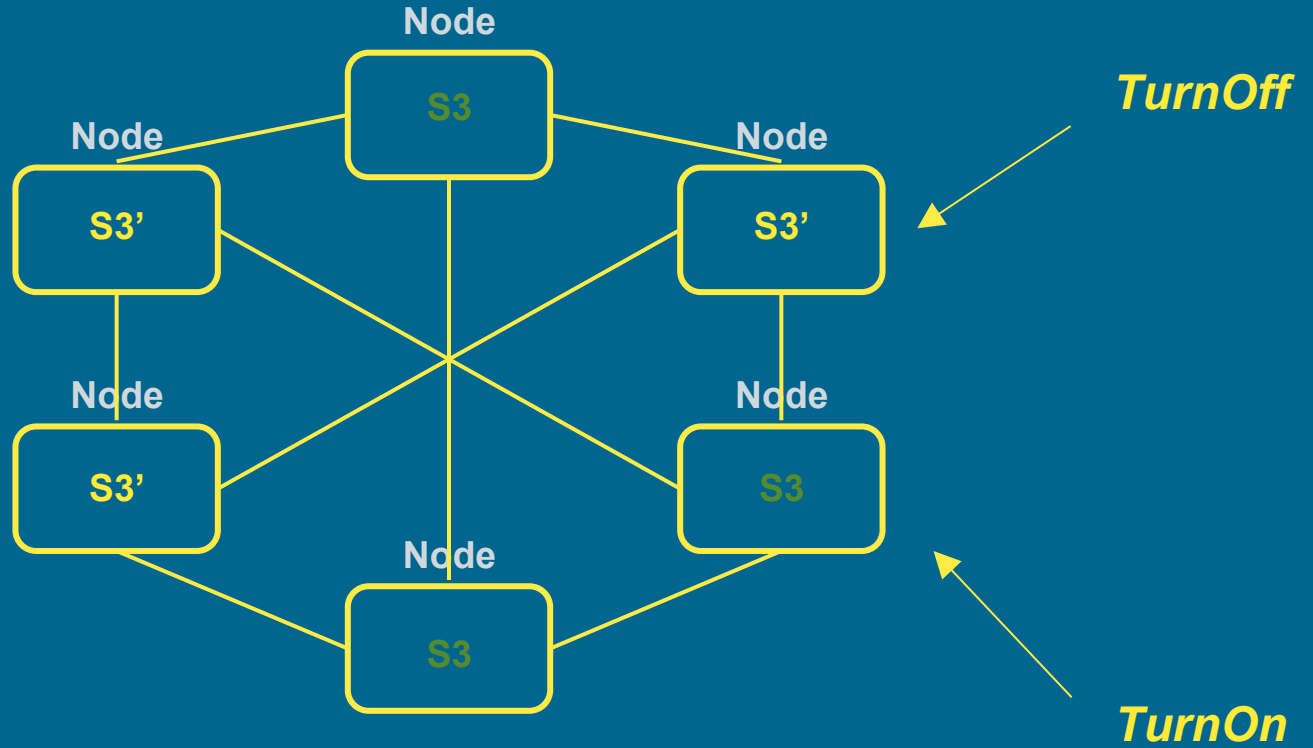


TurnOff

P2P Network



P2P Network



**Chronologically ordered
list of operations**

**Ok .. but who writes the
record?**

And... How often?

Chronological Log

- ~~Always the same node?~~
- A different node each time

PoW

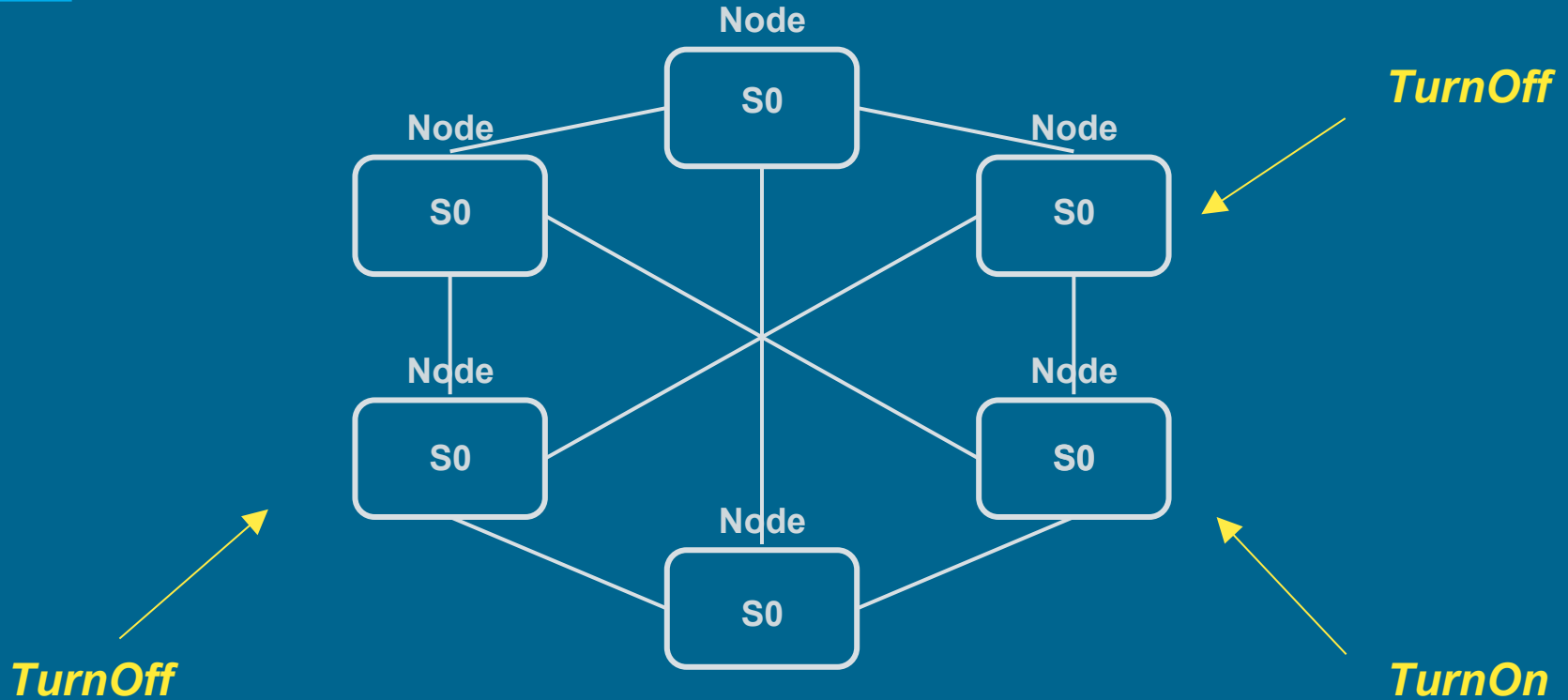


- The one who solves a “sudoku” puzzle.
- One from a dynamic group chosen by all the network.

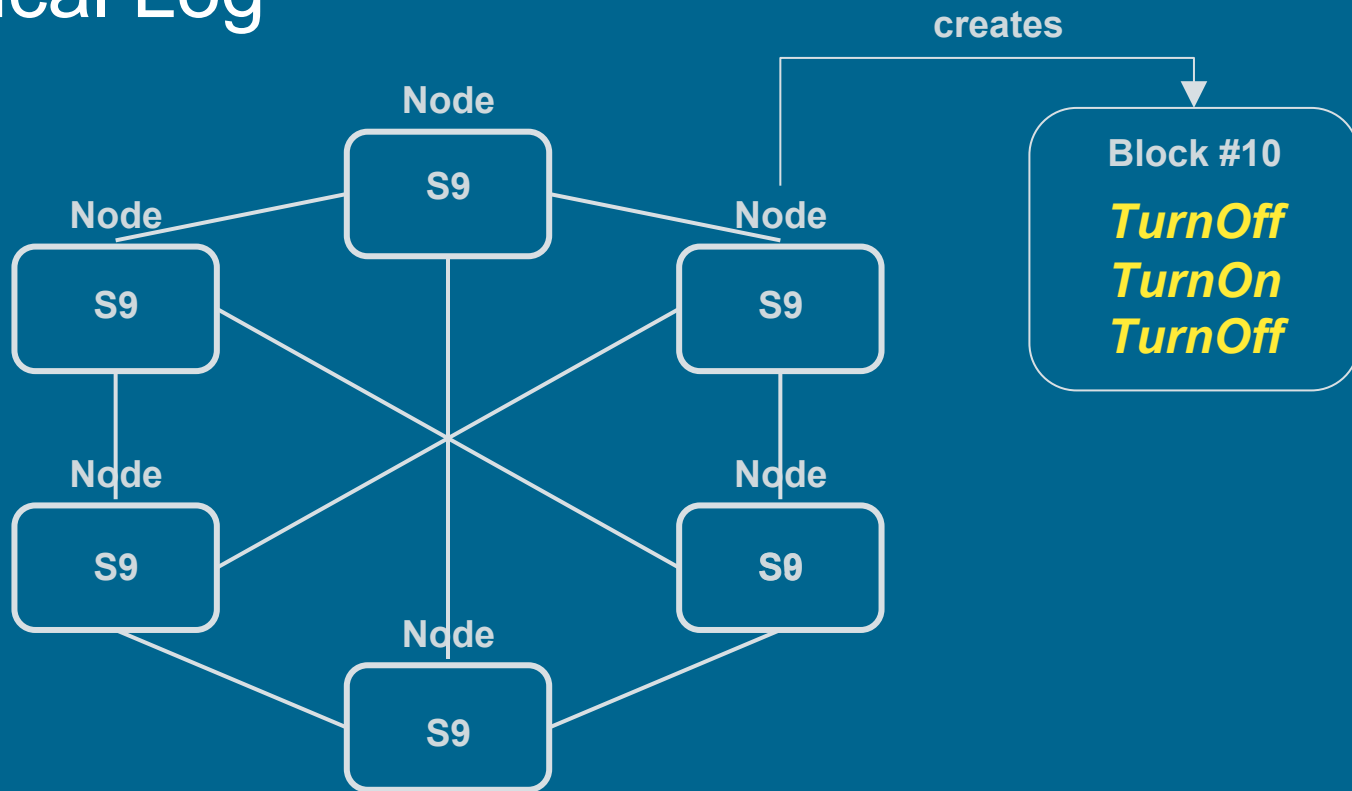


DPoS

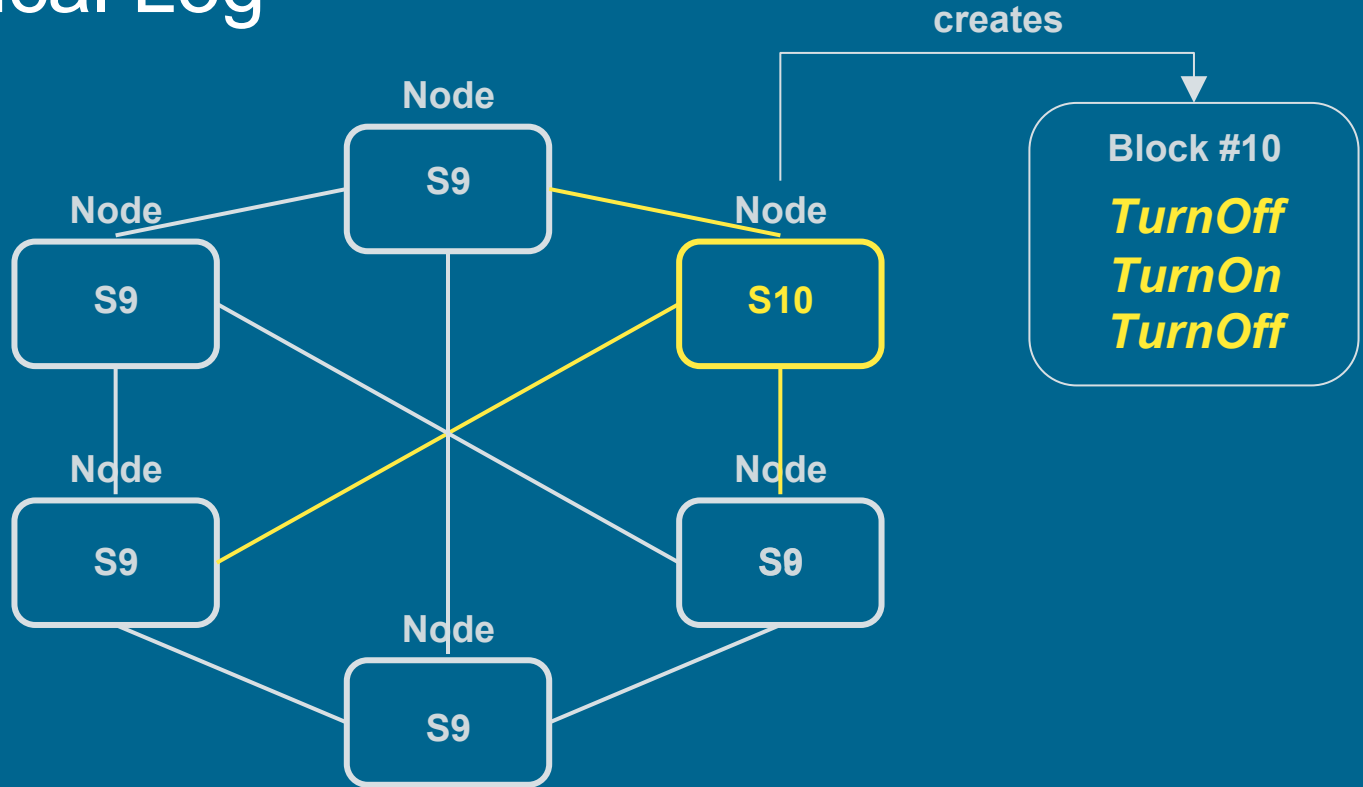
Chronological Log



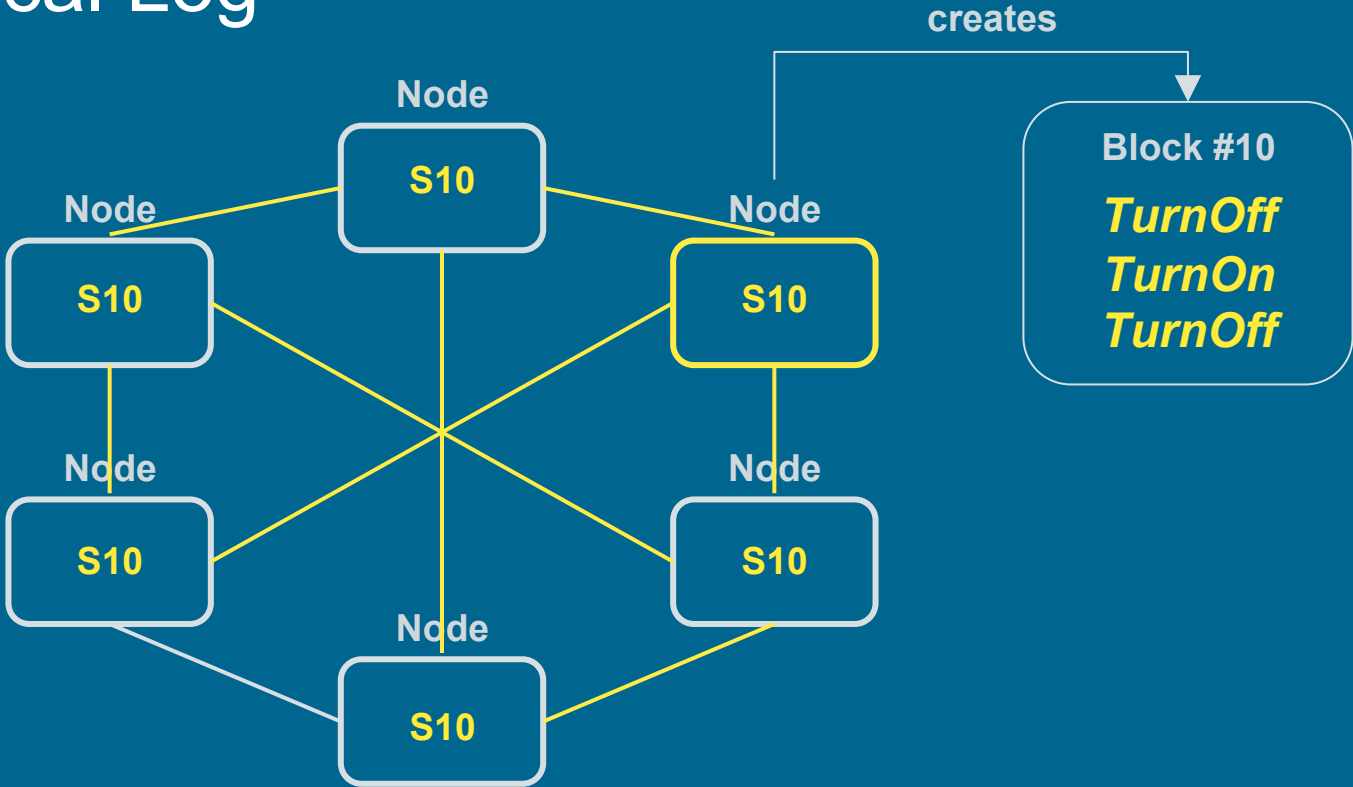
Chronological Log



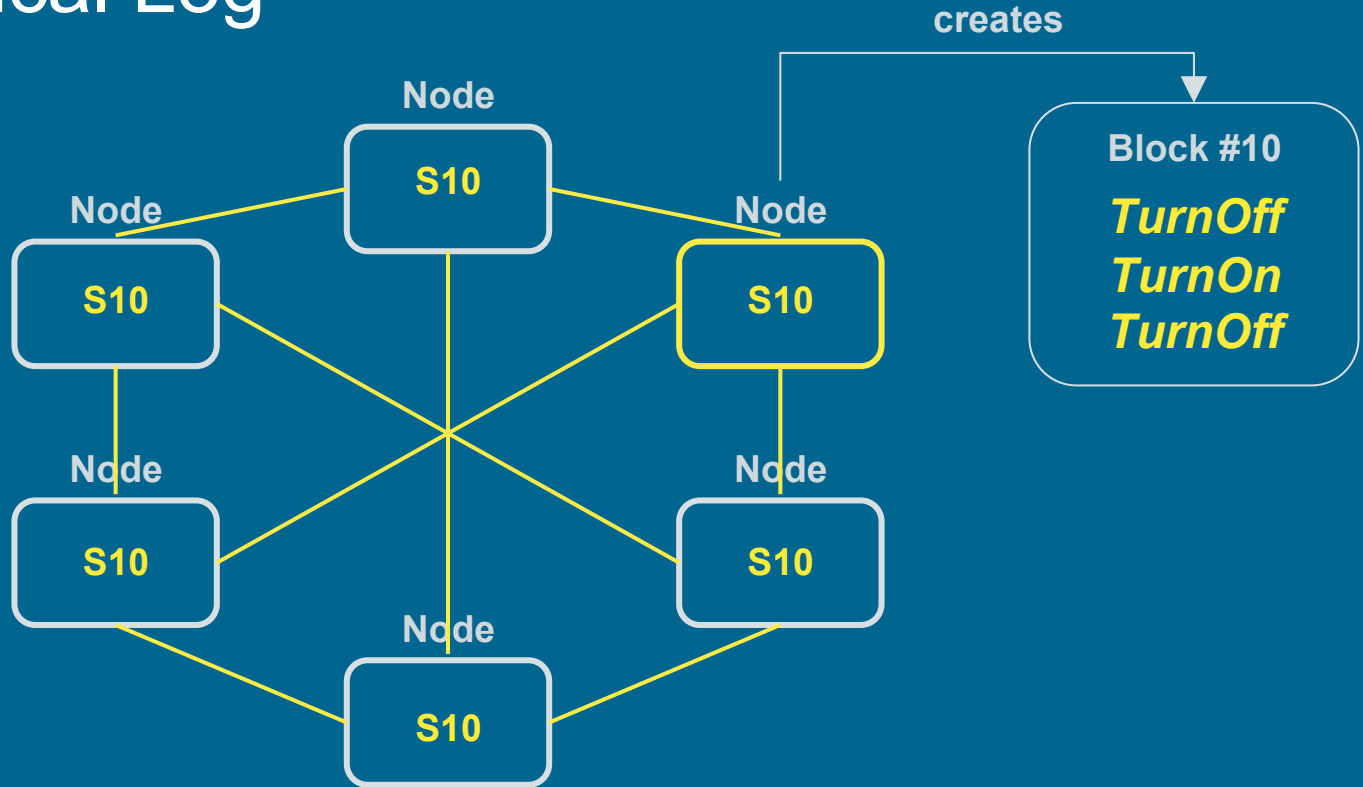
Chronological Log



Chronological Log

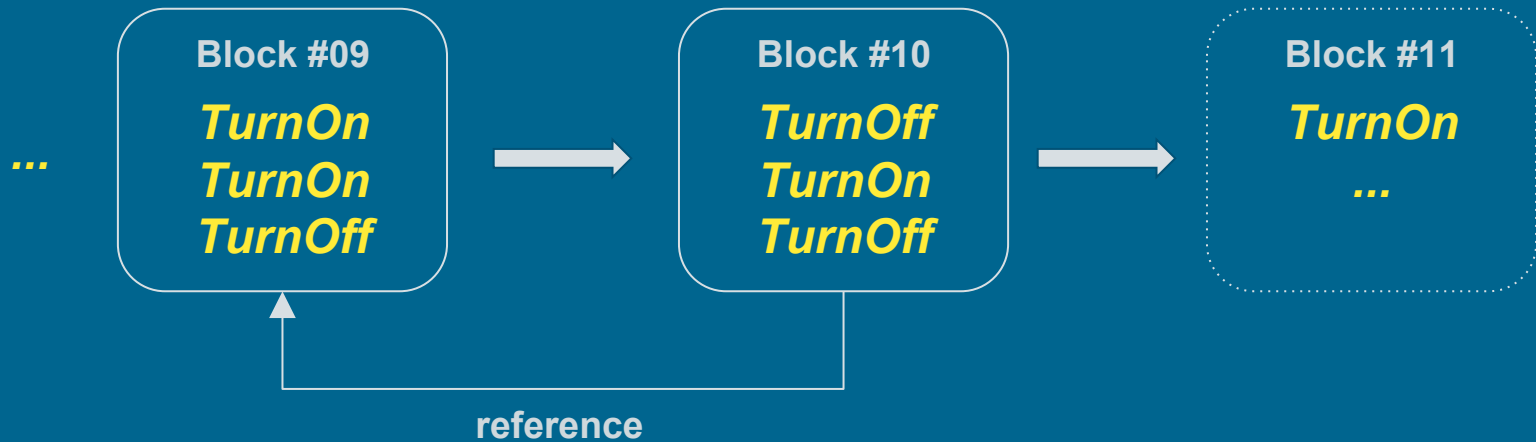


Chronological Log



Chronological Log

“Blockchain”





BLOCKCHAIN



AUTHORSHIP



The image features three antique pocket watches of various designs, including ornate metal cases and simple white dials, resting on a textured surface that appears to be a map. A semi-transparent blue horizontal banner is overlaid across the center of the image, containing the word "TIMESTAMP" in white, bold, uppercase letters. The lighting is warm and focused, highlighting the intricate details of the watches and the texture of the map.

TIMESTAMP



INTEGRITY

INSIDE: A 12-PAGE SPECIAL REPORT ON COLOMBIA

The Economist

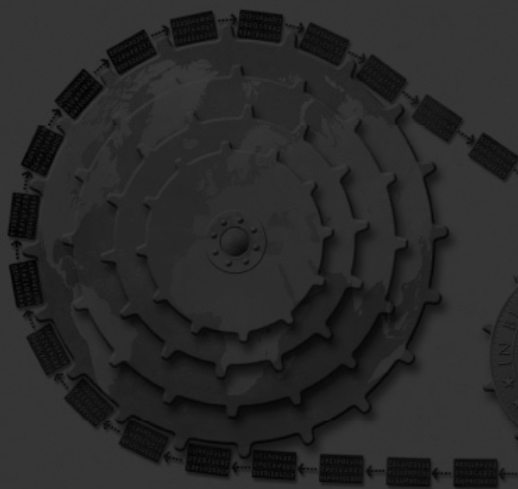
Our guide to America's best colleges
Myanmar's free-ish election
Those ever-creative accountants
America takes the fight to IS
Coywolves: the new superpredator

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The trust machine

How the technology behind bitcoin could change the world



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The trust machine

How the technology behind bitcoin could change the world



Australia \$21.00 (incl. GST) Hong Kong HK\$ 90 Korea W\$ 12,000
Brazil R\$ 17.99 India INR 720 Pakistan PKR 250
Canada C\$ 10.99 (incl. GST) Indonesia Rp 77,400 Myanmar M\$ 300
China ¥ 10.75 Japan ¥ 1,140 (incl. Tax) Nepal NRs 1,000

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New Zealand NZ\$ 12.00 Singapore S\$ 25.50 (incl. GST) Sri Lanka L\$ 2,000
Poland z\$ 120 Taiwan T\$ 200
Philippines ₱ 715 Thailand ฿ 200
Singapore S\$ 25.50 (incl. GST) Vietnam ₫ 30,000

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Poland z\$ 120 Taiwan T\$ 200
Philippines ₱ 715 Thailand ฿ 200
Singapore S\$ 25.50 (incl. GST) Vietnam ₫ 30,000

I THINK WE SHOULD
BUILD A BLOCKCHAIN

UH-OH

DOES HE UNDERSTAND
WHAT HE SAID OR
IS IT SOMETHING
HE SAW IN A TRADE
MAGAZINE AD?

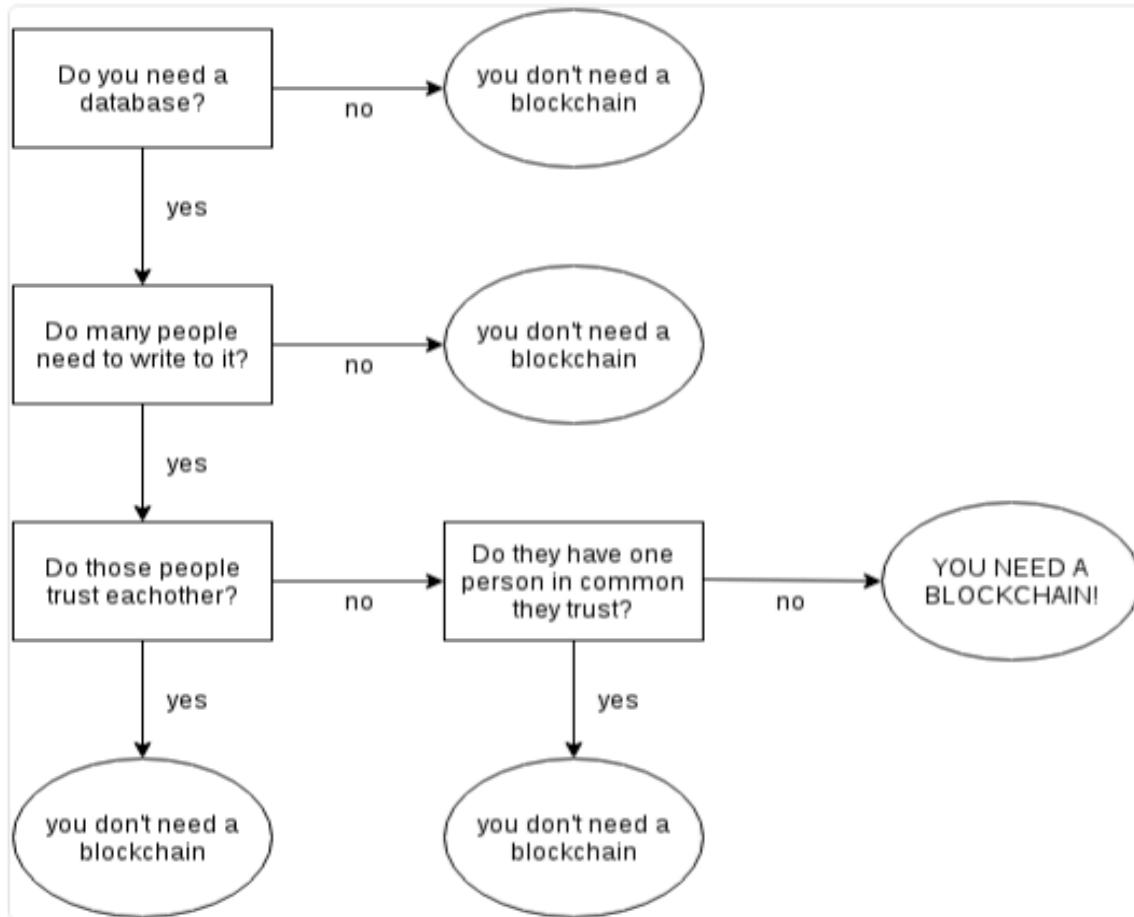
WHAT COLOR DO YOU WANT
THAT BLOCKCHAIN?

I THINK
MAUVE HAS
THE MOST
RAM.

S. Adams E-mail: SCOTTADAMS@AOL.COM

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Do you need a #blockchain?





BITCOIN

A photograph of a man in a dark sweater and glasses sitting in a red and black office chair in a server room. He is looking at a laptop. The room is filled with server racks on both sides, with various cables and equipment visible. A blue horizontal band is overlaid across the middle of the image, containing the word 'CYBERSECURITY' in white, bold, sans-serif capital letters.

CYBERSECURITY

A person wearing a dark blue or black pinstriped suit jacket and a matching tie. Their hands are clasped together in front of their chest. A semi-transparent blue brain graphic is overlaid on the image, positioned behind the text. A horizontal blue banner with white text is centered across the image.

INTELLECTUAL PROPERTY

A hand holding a black pen is shown in the foreground, positioned as if about to sign. The background is a blue field filled with white binary code (0s and 1s) arranged in diagonal lines, creating a digital or data-centric atmosphere. A semi-transparent dark blue horizontal bar is overlaid across the middle of the image, containing the text 'DIGITAL SIGNATURE' in white, bold, uppercase letters.

DIGITAL SIGNATURE

A hand is shown drawing a flowchart on a whiteboard. The flowchart consists of several rounded rectangular boxes connected by lines, with arrows indicating the flow between them. A blue banner with the word "WORKFLOWS" in white capital letters is overlaid across the center of the image. The background shows a person in a purple shirt and a colorful tie.

WORKFLOWS

CERTIFICATES



A wide-angle photograph of the White House in Washington, D.C. The building is white with a prominent portico supported by columns. An American flag flies on a tall pole in front of the building. In the foreground, there is a green lawn with a fountain spraying water upwards. A blue horizontal band is overlaid across the middle of the image, containing the word 'TRANSPARENCY' in white, bold, sans-serif capital letters.

TRANSPARENCY

A close-up photograph of a land registry map. A magnifying glass is positioned over a specific plot, which is highlighted with a green border. The map shows various plots with numerical values and some text. A blue banner with the text 'LAND REGISTRY' is overlaid across the center of the image. The background is slightly blurred, focusing attention on the magnified area.

LAND REGISTRY



MARKET - POST-TRADE

BENEFITS

IMMEDIATE SETTLEMENT

CONSOLIDATED LEDGER

CONSOLIDATED AUDIT TRAIL

RISK REDUCTION

EFFICIENCY

DESAFIOS

REGULATORY FRAMEWORK

STANDARDS

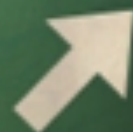
BLOCKCHAIN CASH

LACK OF ANONYMITY

MARGIN ACCOUNT

The Future

NEXT EXIT





IBM®

全球PC领导企业

creating global P





NEXT WEEK

TOMORROW

OTHER DAY

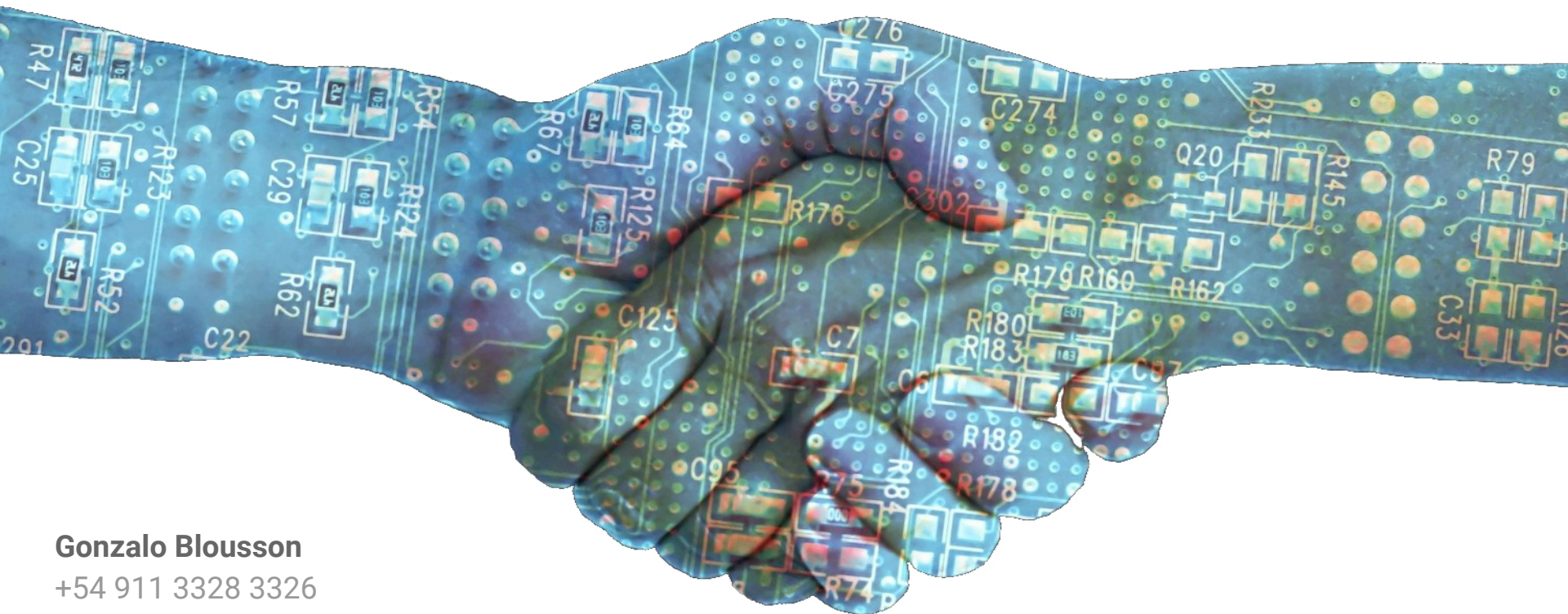
TODAY

SOMEDAY

IN THE FUTURE

NEXT YEAR

LATER



Gonzalo Blousson

+54 911 3328 3326

gonzalo.blousson@signatura.co

SIGNATVRA