

Cloud distribuito, supercalcolo e web 3.0

23 maggio 2019

Oratorio del Gonfalone, Roma

Con il patrocinio del Ministero dello sviluppo economico



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23 maggio 2019

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CEO & Co-Founder

iEx.ec Blockchain Computing

Distributed Computation, IOT, BlockChain, Data Market



Key question: Centralized or Distributed Web?

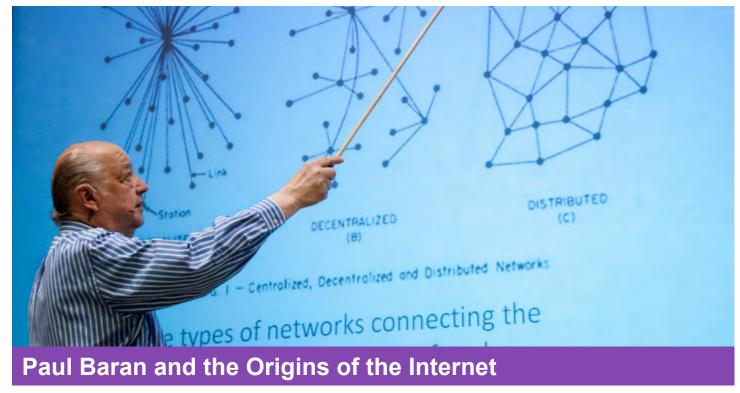
Few Super-Computers

5G + Al require and enable a Distributed Web: Edge Computing IOT: microtransaction, data-ownership Massive (local) data «crunching» (local Al) CyberSecurity by «encrypt and distribute» Every computer as a «cell» of a Worldwide Supercomputer and of an Interplanetary File System (!) But.. Centralization seems very popular nowadays: Few Certified Data Center

Few Super-Platforms: «Everything as a Service»

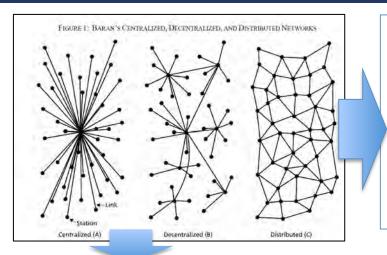
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Ricerca e Innovazione

1962 - Paul Baran dreams the Internet





Centralization hijacked Baran's Dream



Baran's Dream:

- Distributed Internet;
- No Single Point of Failure;
- □ Resilient
- □ Sustainable (Green)
- Every node «matters»

Centralization (Internet «as is»):

- ☐ Highly Concentrated: AWS (S3) 33% Market Share
- ☐ Catastrophic Outages; CyberAttacks; Energy-hungry
- □ and ... Who Controls the Web?





My question to Gilles Fedak

Is Paul Baran's dream coming true?

