15 Minutes in the Cloud: What Is Cloud?
Today’s 15-Minute Conversation is With:

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Introduction
Introduction
Introduction
What If?

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THE END IS NEAR

X

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The Birth Of The Internet And Building Blocks of the Cloud

ARPANET – The First Computer-to-Computer communication; October 29, 1969
The Birth Of The Internet
And Building Blocks of the Cloud

UNIX – Ken Thompson & Dennis Ritchie; Late 1960s
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TCP/IP – Vint Cerf; 1973
The Birth Of
The Internet
And Building Blocks of the Cloud
The Birth Of The Internet And Building Blocks of the Cloud

Domain Name System (DNS)

Proposed in 1983 by Paul Mockapetris

DNS – Paul Mockapetris; 1983
The Birth Of The Internet And Building Blocks of the Cloud

WWW – Tim Berners-Lee; 1991
Is The Internet The Cloud?
So Then, What Is The Cloud?
As-A-Service Models

SaaS – Software as a Service
As-A-Service Models

PaaS – Platform as a Service

Windows Azure
As-A-Service Models

IaaS – Infrastructure as a Service
Amazon’s Role In The Cloud
Types Of Clouds

**Public Cloud**
- Offered by 3rd party vendors
- Available to anyone over the public internet
- Scales quickly and convenient

**Private Cloud**
- Offered to select users over the internet or a private internal network
- Provides greater security
- Requires traditional datacenter staffing and maintenance

**Hybrid Cloud**
- Combination of both public and private cloud
- Shared security responsibility
- Able to maintain tighter security of sensitive data and processes
Impact Of Cell Phones On The Cloud

https://opgon.com/2022/01/29/mobile-cloud-computing/
Cloud Futures
Cloud Futures
Thank You!