



WHY YOU SHOULD STRIVE FOR AN OPEN, AGNOSTIC CLOUD

IN THIRTY MINUTES OR LESS...

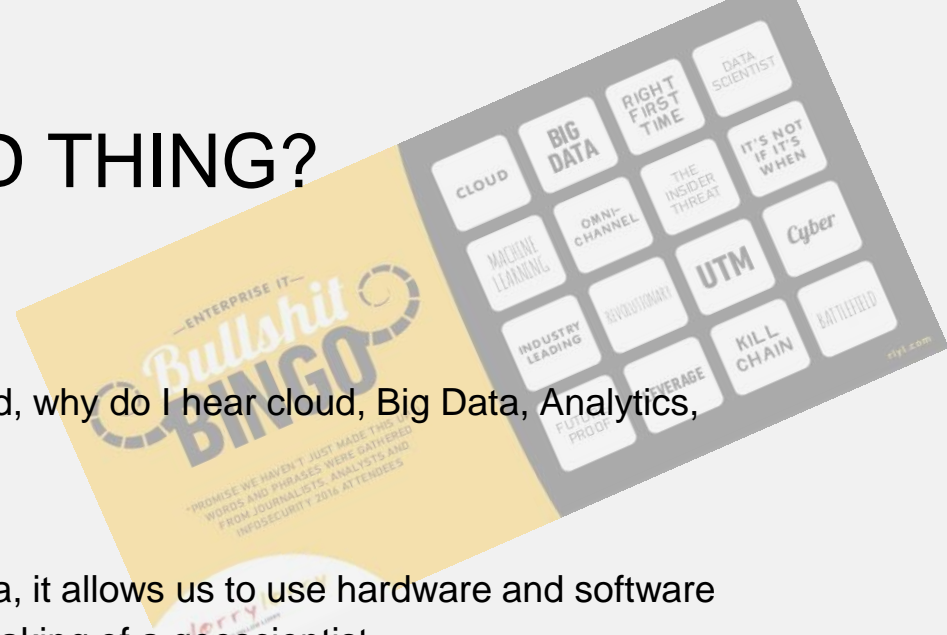
WHAT IS THIS CLOUD THING?

Many things to many people

We keep hearing about Cloud, is it a buzzword, why do I hear cloud, Big Data, Analytics, Data Lake etc?

It is the next big step in making use of our data, it allows us to use hardware and software more efficiently, and augments the decision making of a geoscientist

It still all boils down to computational power being more available so we can get more oil and gas out of the ground



WHY SHOULD I CARE?

Because the man yesterday told me I was slow and I was going to get left behind

In reality, moving your IT landscape to cloud allows you to make better decisions

It will deliver the right data to the right place at the right time

It allows you to use any app, anywhere, any time

Enables collaboration, integration and teamwork (even if your team includes a robot)

WHAT IS 'OPEN'

Open source allows adopters to control their particular implementation and does not restrict them to the technology and business roadmap of a specific vendor.

A **viable, independent community** is the single most important element of many open source projects. Delivering maximum innovation means having the right structures and organization in place to fully take advantage of the open source development model.

Open standards do not necessarily require formal standardization efforts, but they do require a consensus among communities of developers and users. Approaches to interoperability that are not under the control of individual vendors, or tied to specific platforms, offer important flexibility.

Freedom to use intellectual property (IP) is needed to use technology without constraints. Even “reasonable and non-discriminatory” license terms can still require permission or impose other restrictions.

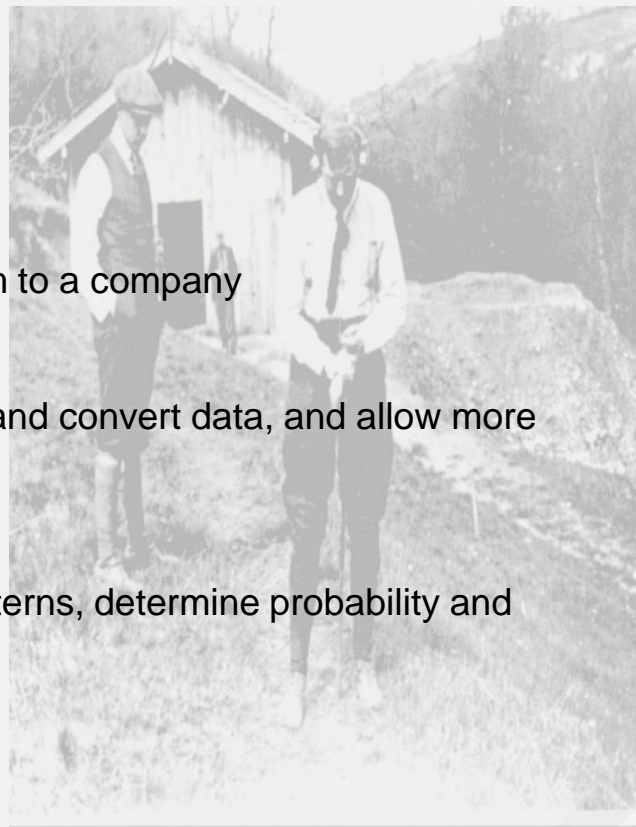
Platform choice lets operations and application development teams use the right infrastructure. Tools like cloud management should not be tied to a specific virtualization or other foundational technology. For example, at one time, managing just physical servers and virtual machines was a reasonable goal for a management product. Then private cloud and public cloud. Then more public clouds. Now containers as well.

THE VALUE OF DATA

Since the first well logs, data is the single biggest value item to a company

If we have the right systems we can do analytics, combine and convert data, and allow more people or algorithms to see it

By applying computational power to data we can derive patterns, determine probability and deliver maximum ROI



COST REDUCTIONS - 60% OF THE TIME IT WORKS EVERY TIME

'Lifting and shifting' applications to cloud rarely saves money

It DOES increase availability

Delivers more opportunities for collaboration

There is a much stronger case for ROI increase than pure cost savings

BUT WHAT ABOUT LEGACY SOFTWARE?

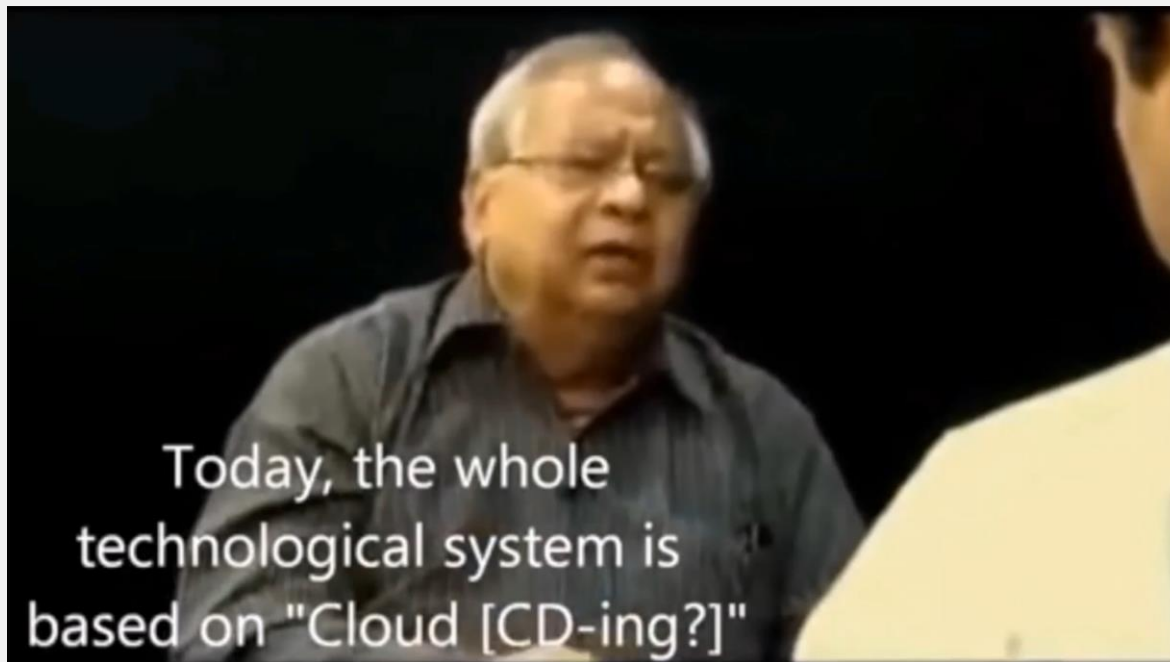
I still have a customer that uses DOS 6.22

Legacy software is only legacy because it worked well enough for a long period of time

You need to protect the information from that legacy system as well as use and perfect the modern digital transformation



WHAT SHOULD I WATCH OUT FOR?



WHAT IF IT RAINS?

Data Breaches

Insecure interfaces and APIs

Access Management

Vendor lock in

Export and Tax Concerns

Malicious or foolish insiders

Data Loss

Vendors mining my data

HOW CAN I MITIGATE RISK?

- Try not to align with a single provider, maintain flexibility and spread risk
- Create strong security procedures
- Use business intelligence and business rules as part of your plan
- Automation and Standardization
- Adopt a hybrid model, combining legacy, virtual, containers, public and private

KEY TAKEAWAYS

By embracing open clouds, organizations ensure that they can:

- Enable portability of applications and data across clouds.
- Fully take advantage of existing IT investments and infrastructure and avoid creating new silos.
- Make it possible to build a hybrid cloud that spans physical servers, multiple virtualization platforms, private clouds, and public clouds running a variety of technology stacks.
- Provide incremental value as they incrementally add new capabilities
- Put them in charge of their own technology strategy with no vendor lock in

QUESTIONS



WHY!?!



THANK YOU



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