

Deciding to Go Cloud

Data Modeling and Prototyping within Requirements Gathering
Provides Transparent Roadmap to Cloud Computing

Presented by Valeh Nazemoff of Acolyst
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Abstract

Moving data to the cloud is a scary business pain more and more companies are facing. Businesses are concerned with how they can or should trust a third party to manage their enterprise's data, worried about data breach issues, troubled about data privacy, and nervous with giving someone responsibility for their data yet still being accountable for it. Continuing to ask questions that demonstrate the mystery (and the pain) of the unfamiliar like: What data makes the most sense to move to the cloud? Where is the data?

In this webinar we bring you a **roadmap methodology** to assess the business pain points with data management concerns that are involved with the decision of going Cloud. The roadmap helps determine which data should go cloud with an order of priority in the timeline, a step-by-step approach, and providing stakeholders and decision makers techniques and documentation to ease their decision making.



Speaker's Bio

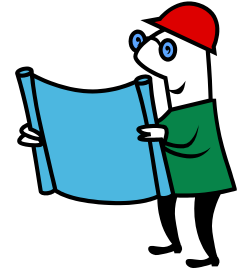
In this webcast, **Valeh Nazemoff, Vice President of Acolyst**, shares the step-by-step approach to the methodology and a systematic approach for analyzing, communicating, validating and managing an organization's business requirement to cloud computing selection. In addition to having an MBA, Valeh holds a certificate in Project Management and Business Analysis. Valeh teaches several business courses for the University of Phoenix and has received several leadership recognitions and awards.

Valeh is an experienced business strategist supporting many business departments and industries including IT, Healthcare, Finance, Legal, Insurance, Real Estate, and many more, with their demanding needs for business process improvement, application evaluation, requirements analysis, project management, and strategic consulting.



Agenda: Roadmap to Cloud

- What is Cloud Computing
- Solutions to Fears of Data in the Cloud
 - Identify and Understand the Risks
- Our Everyday Use
- Why We Need it and the Benefits
- Industry Shift / Standards / Best Practices
- Roadmap to Determine Steps
 - Data Modeling, Prototyping, and Process Models: The Key Players
- Questions and Answers



What is Cloud Computing



ERworld
2010

Holistic Ecosystem of Components

- Scalability,
- Adaptability,
- Extensibility, and
- Manageability

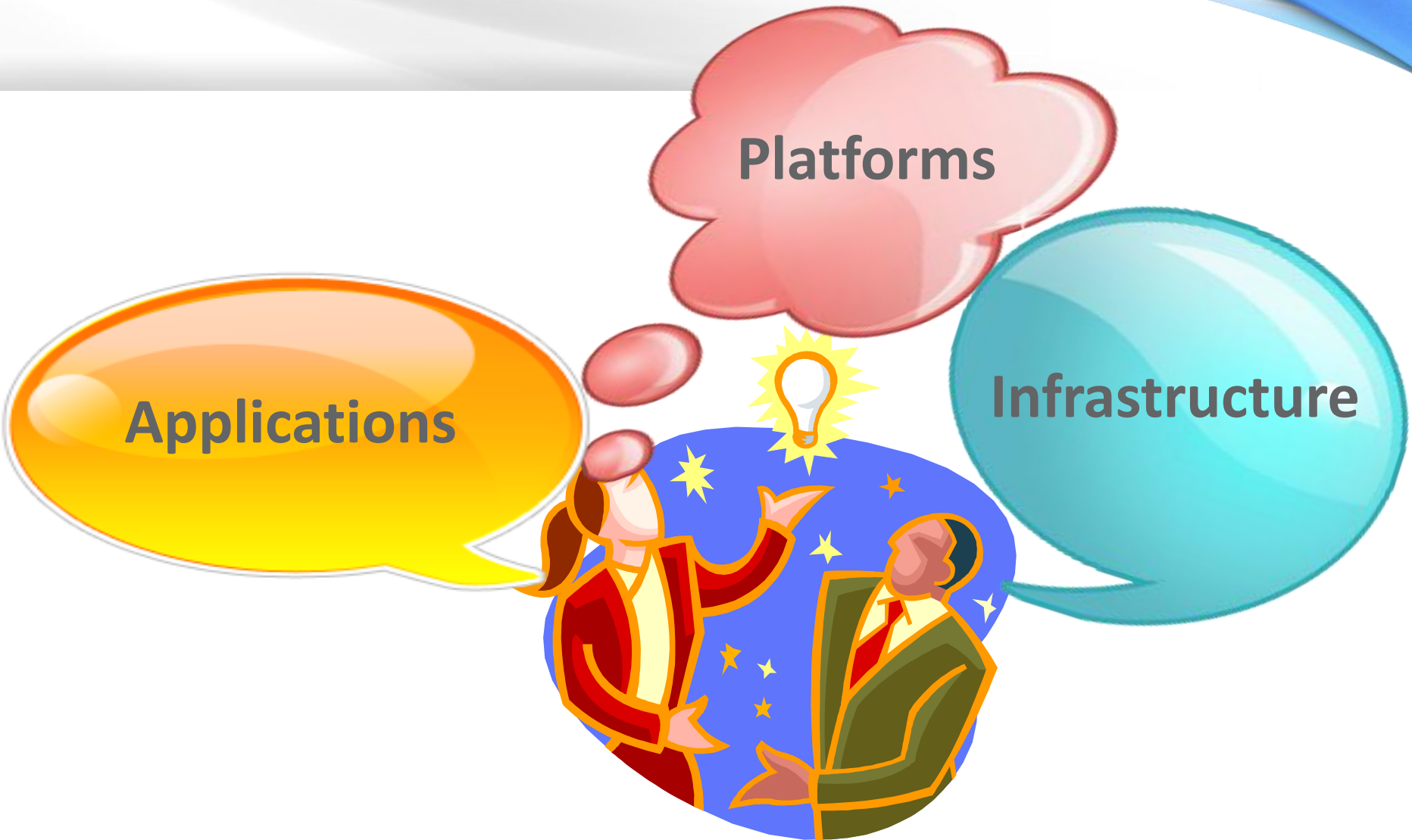
Address the best-in-class requirements of the enterprise:

- Security,
- Real-Time Availability, and
- Performance

Types of Cloud Offering

- Common Services
- SaaS
- PaaS
- IaaS
- DaaS

3 Levels of Cloud



Solutions to Fears of Data in the Cloud

Identify and Understand the Risks

The logo for ERworld 2010. The letters 'ER' are in a bold, blue, sans-serif font. The letter 'R' is green and has a white circuit-like pattern overlaid on it. To the right of 'ER' is the word 'world' in a blue, cursive script font. Below 'world' is the year '2010' in a blue, sans-serif font.

ERworld
2010

Data in Cloud

- Reliably sending data to and receiving data from it
- Availability of data
- Maintainability

WHERE THE HECK
IS MY DATA?

ITS THERE, UP
IN THE CLOUDS.



Brainstuck.com

Fears

- Data Privacy
- Breach of Data
- Accountability

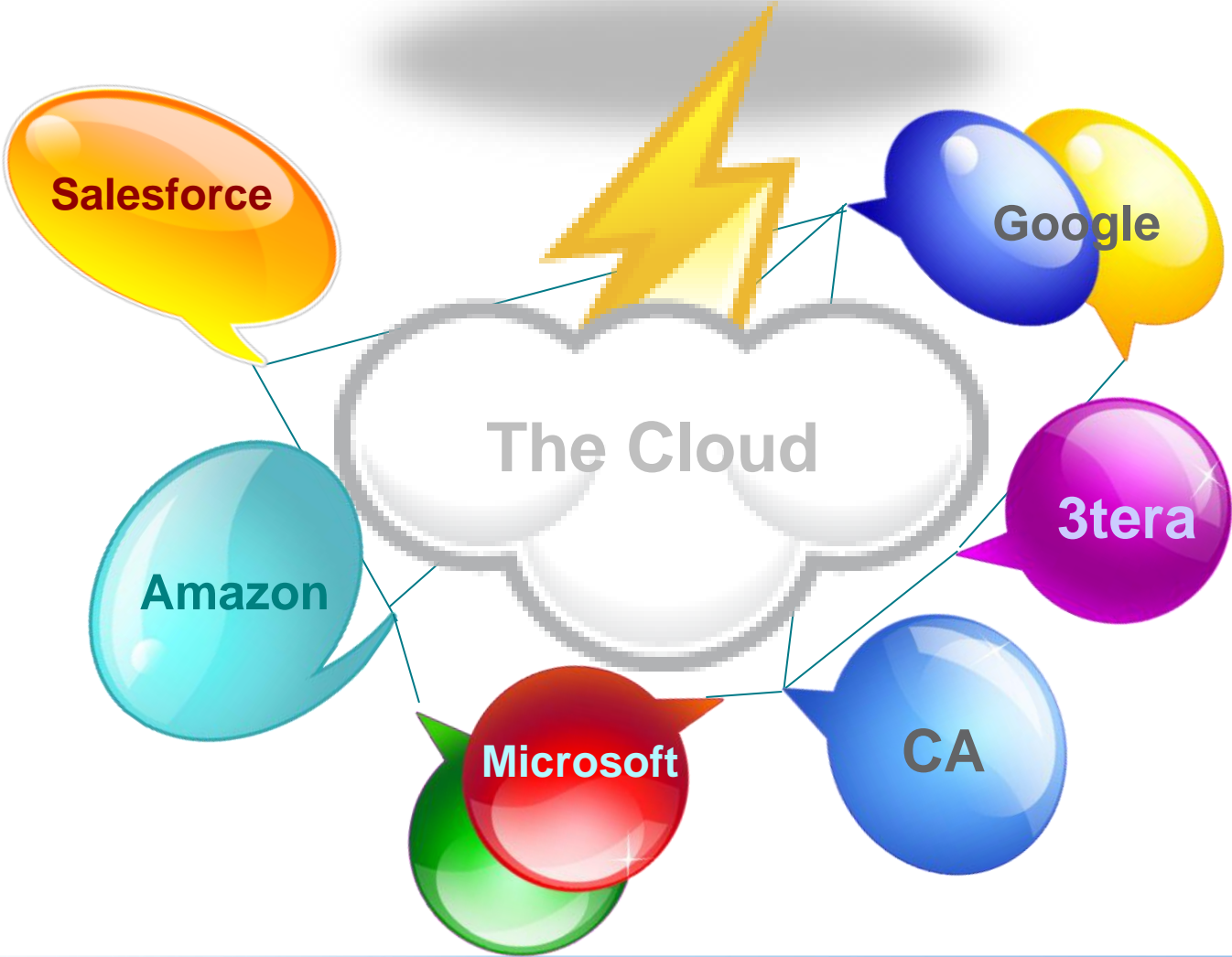


Our Everyday Use

The logo for ERworld 2010. The letters 'ER' are in a bold, blocky font, with 'E' in blue and 'R' in green. The word 'world' is written in a blue, cursive script font. The year '2010' is in a smaller, blue, sans-serif font below 'world'.

ERworld
2010

Cloud Providers



Check-In



Why We Need it and the Benefits



Power of the Cloud



Benefits

- Scalable
- Ease of Management
- Independence to Device and Location
- Rapid Innovation
- Dramatic Reductions in Operational Costs
- Increased Storage
- Highly Automated
- Flexibility
- More Mobility

Industry Shift/ Standards / Best Practices



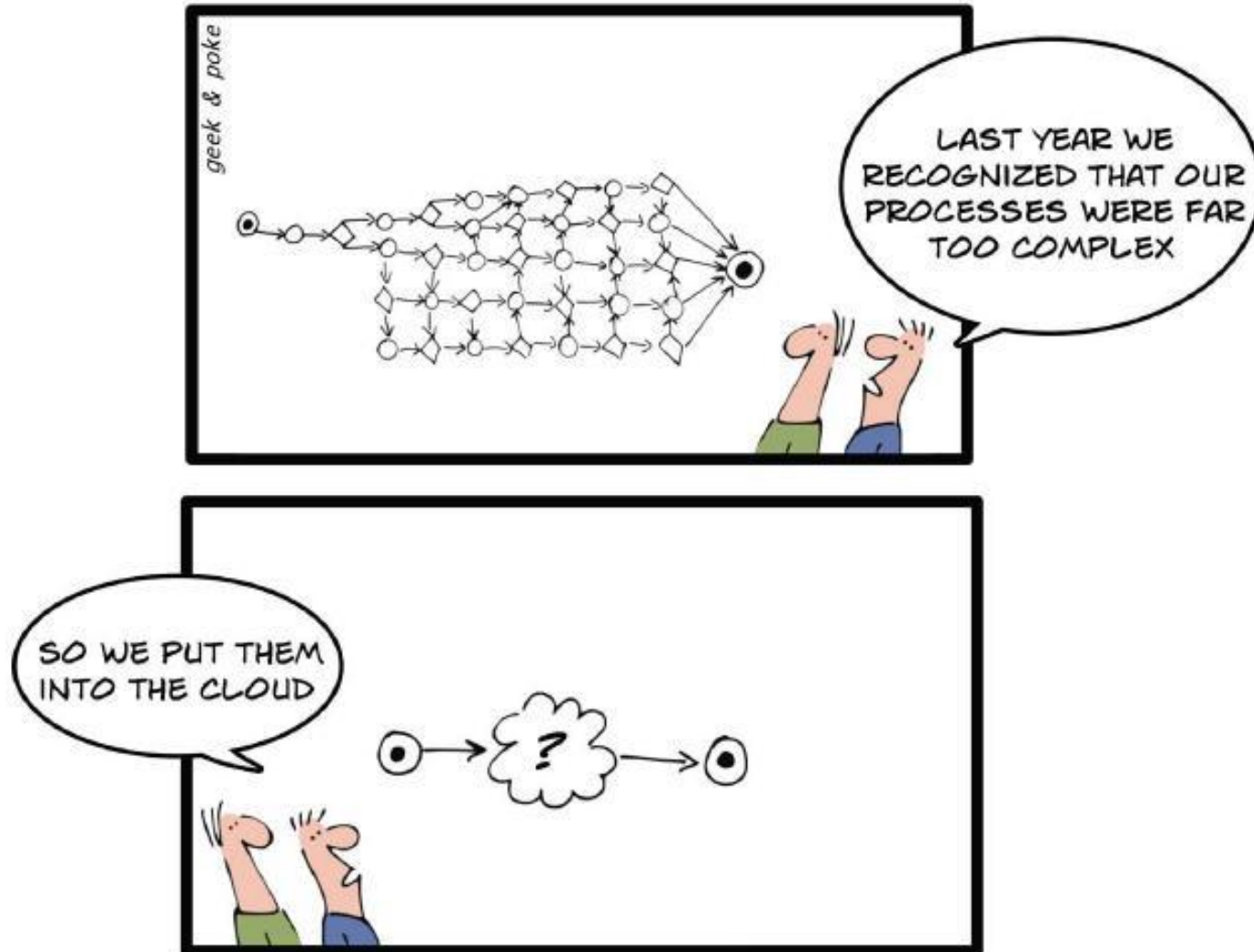
Analysts

- According to Forrester's **Frank E. Gillett** in *Conventional Wisdom Is Wrong About Cloud IaaS*, **1 out of 4 large companies plan to use an external provider soon, or have already employed one.**
- 33% of large companies plan to use a service provider for IaaS, while just 24% want to run their own "private" clouds.

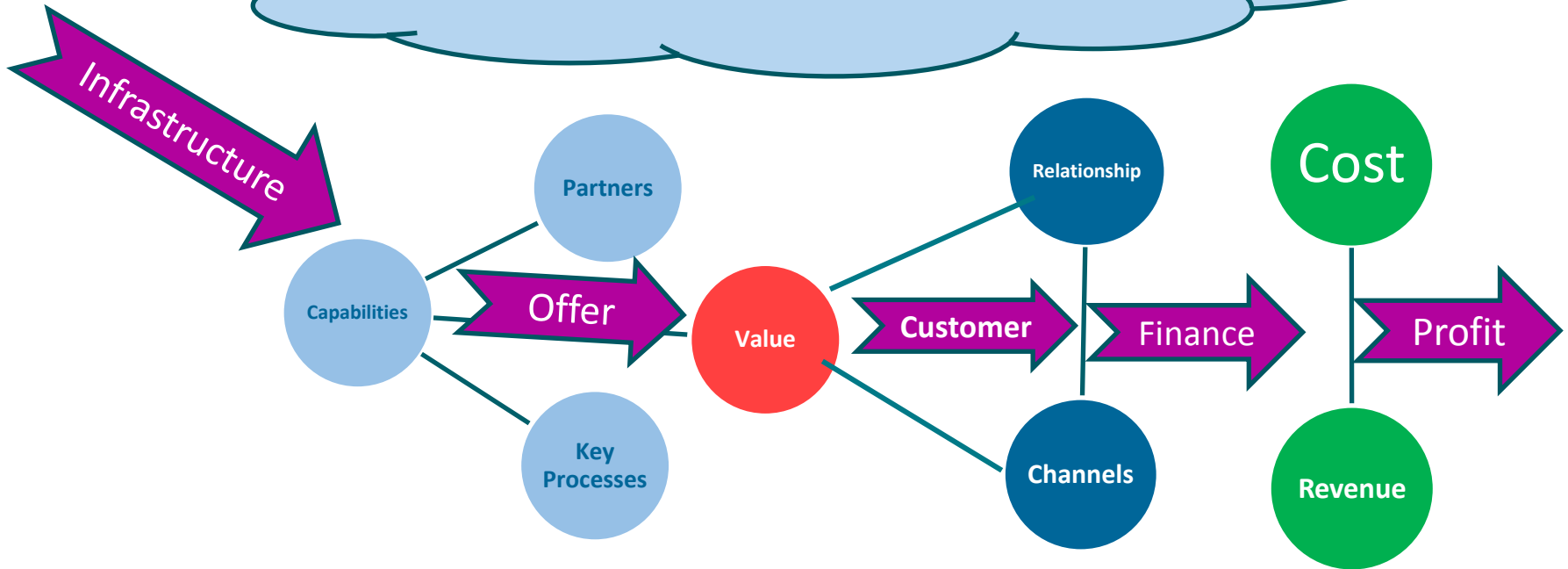
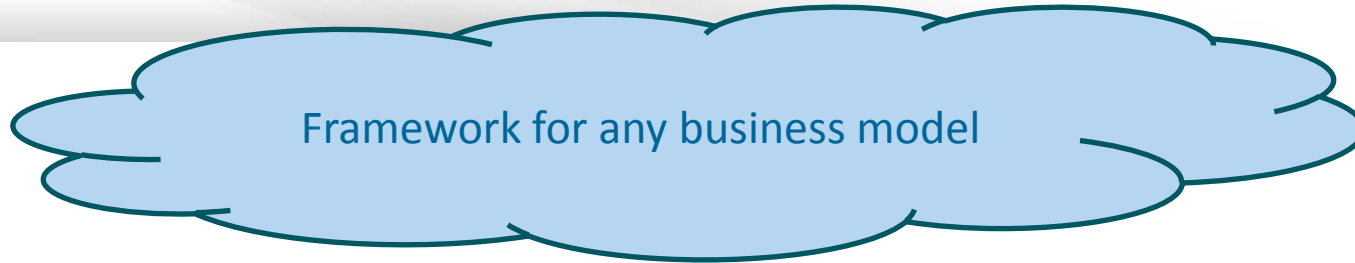
Forrester (Gillett, 2009) Retrieved

http://www.forrester.com/rb/Research/conventional_wisdom_is_wrong_about_cloud_iaas/q/id/47102/t/2

Processes Moves to the Cloud



Business Model



Roadmap to Determine Steps

Data Modeling, Prototyping, and Process Models: The Key Players

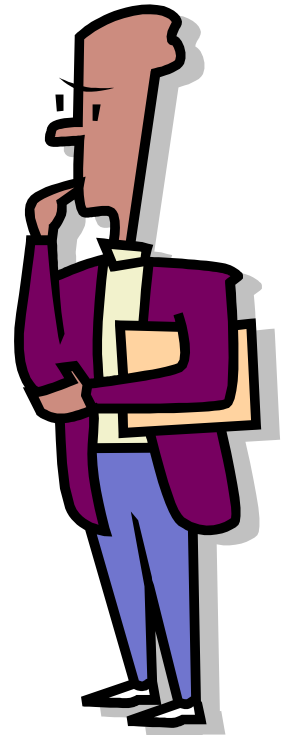


Deciding to Cloud

To get started in cloud computing, there are three key factors that must be leveraged:

- **People,**
- **Processes**
- **Technology**

Cloud users, and the solution providers who serve them, must identify business processes and solutions that make the most sense to move applications off-premise.



Understand Goals & Objectives

- Business Requirement Quote

“Our goals can only be reached through a vehicle of a plan, in which we must fervently believe, and upon which we must vigorously act. There is no other route to success.”



Pablo Picasso

Process, Data, & Prototype Consideration

- Data Compliance Issues
- Pick the Applications that Make Sense
- Geography
- Connection Type
- Cost Analysis
- Proof of Concept
- Business Process Impact

4 Components of Cloud Computing Analysis

- Organizational Assessment,
- Information Structure and Objectives,
- Computing Selection, and
- Cost Analysis



Structure

- Private
- Public



Planning to Go Cloud? Prototype it...

- Prototype using Simulated Data
- Utilize Data Simulators that Represent Behaviors of Realistic Data (Analytical Data)
- Framework to Prototype and Test Pre-Production Application
- Helps business users decide by visually illustrating how their application will operate after implementing on cloud.



Summary

- 1 Conduct Thorough Analysis and Define Business Process Flow (Utilize ERwin Process Modeler)
- 2 Utilize ERwin Data Modeler to visualize how the data elements relate and how they will best be utilized in the cloud
- 3 Generate a Prototype Utilizing Acolyst's Prototype Fusion & Build a Realistic Business Scenario, Test, and Determine the Next Steps for Transitioning
- 4 Redefine the Cloud Offering if Necessary – Re-evaluate
- 5 Prepare and Launch a Transition Initiative – Should Include Training not just for IT but also for Business Users
- 6 Evaluate What Other Applications Can Move to the Cloud

Questions?



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