

Business Analysis In Times Of Cloud

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- Why is the CIO Smiling?
- Case Studies
- Opportunities and challenges cloud brings to business analysis?
- What should the BA do?

Take Away

- What will I get to learn, by investing my time in this presentation
 - I. Fundamentals of Cloud computing.
 - II. Template to figure out current enterprise application adaptability for cloud movement.
 - III. To be or not to be on cloud.
 - IV. How can you suggest what type of cloud to move into.

Why is the CIO smiling?



- How do they manage Millions of Hits in a matter of seconds?
What's the secret?

Why is the CIO smiling

**One
Common
Solution**



The ability to respond to

- ❖ Scaled up requests,
 - ❖ Trust worthy availability all times,
 - ❖ Manage change with no down time and all of this
- At no upfront cost, and that's why the **CIO is smiling.**

- On Demand CRM
- Knowledge Management Application

- **Background**
 - No Single Version of truth data available at all times.
- **Problem**
 - From customer lead to confirmed projects all on excel documents.
 - Sales data, person dependent.
 - On demand data analysis not available.

- **Solution**
 - SAAS - CRM
- **Issues**
 - Integration
 - Change management
 - Water fall changes on enterprise apps
 - Stakeholders resistance

- **Background**
 - Company getting type casted as portal company
- **Problem**
 - Attrition in key verticals
 - Knowledge loss
 - Long time for new employees to catch up

- **Solution**
 - Google Apps for business
- **Issues**
 - High Cost
 - ROI
 - Vendor history of compromising client data (NSA)
 - Implementation by third party vendors adding additional layer for beaurocracy

Service Models

- I. SAAS – Software As Service
- II. PAAS – Platform as Service
- III. IAAS - Infrastructure As Service

Deployment Models

- I. Private Cloud
- II. Public Cloud
- III. Hybrid Cloud
- IV. Community Cloud

Opportunities Cloud brings to business



Scalability



Availability



Adaptability



Unlocking Local Hardware Limitation



Multi Touch Points



Automated Backup

Challenges cloud brings to business



Security



Risk



Loss Of Control



Ownership Cost

Challenges cloud brings to business - ctd



Disaster Recovery & Back Up



Data Protection



Breach

What Should The BA's Do?

Do you know what cloud is?

- ❖ How Cloud Works?
- ❖ Cloud Pricing Models & Vendors
- ❖ Tools
 - Development
 - Deployment
 - Testing
 - Monitoring

The emphasis here is to have a 360 degree view of cloud computing.. so that you can make better decisions and provide meaningful and cost effective solutions to your business

What should the BA's do ? continued

What is the user base ?

What is the profile of the user base?

Application Stability.

Application Availability

What is the data sensitivity required?

What should the BA's do ? continued

Activity Level on application

Interface limitations?

Approval From Risk Office

Terms & Conditions, Uptime & Downtime

Legal aspects

Is my enterprise cloud ready?

Cloud adoption for an Organization is

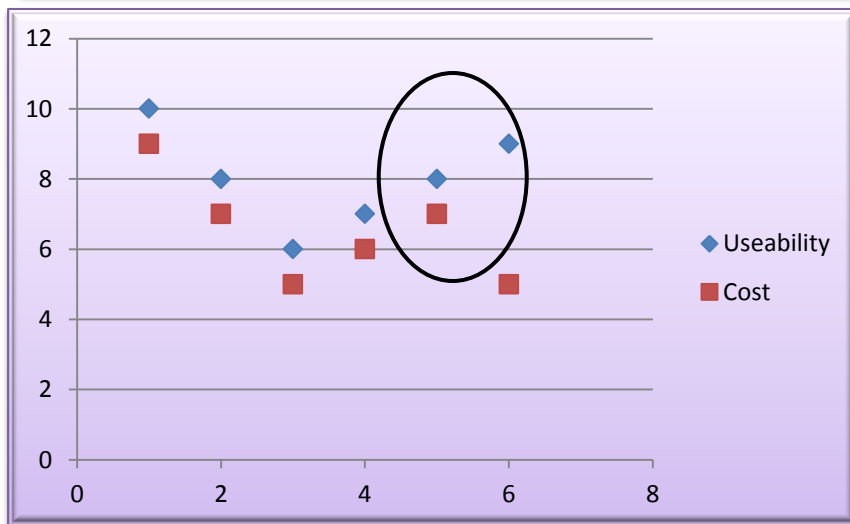
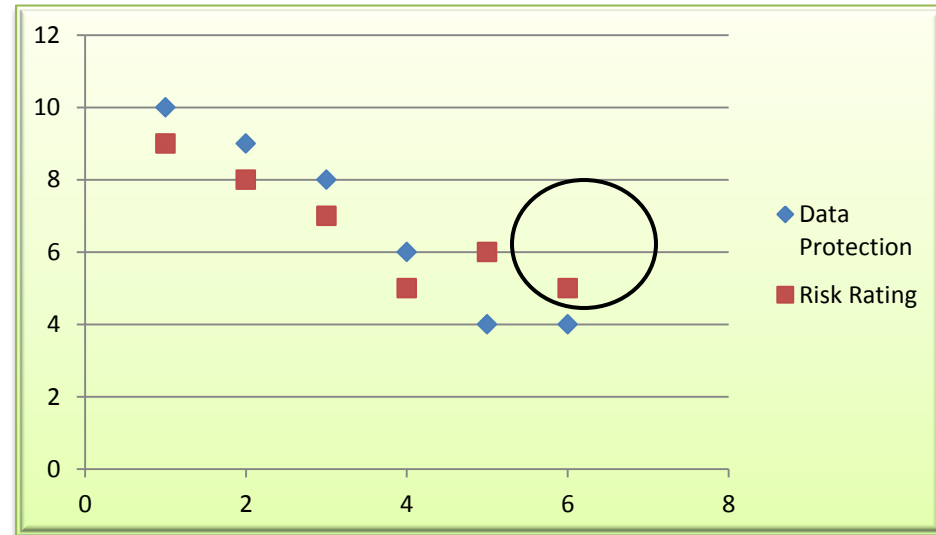
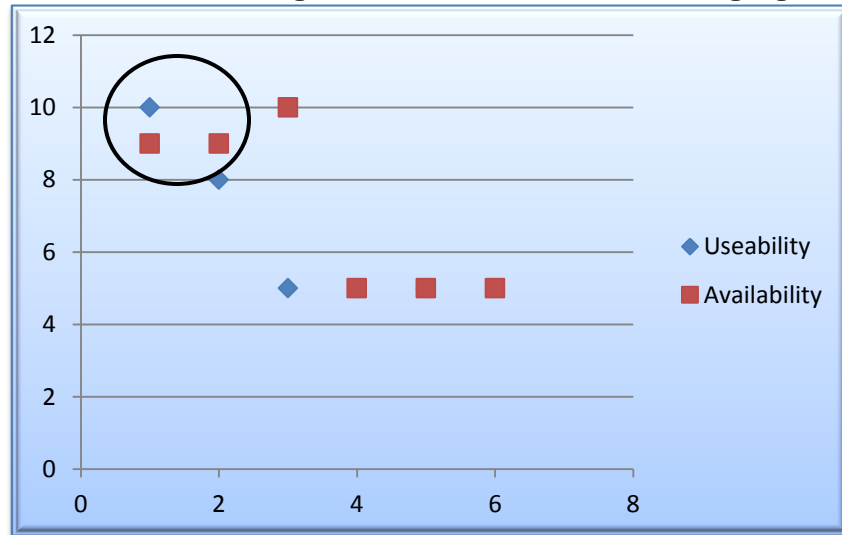
- No more a strategic move.
- Becoming an essential part of its existence & operational need.

The following template helps understand the current enterprise readiness for cloud adoption.



What should the BA's do - continued

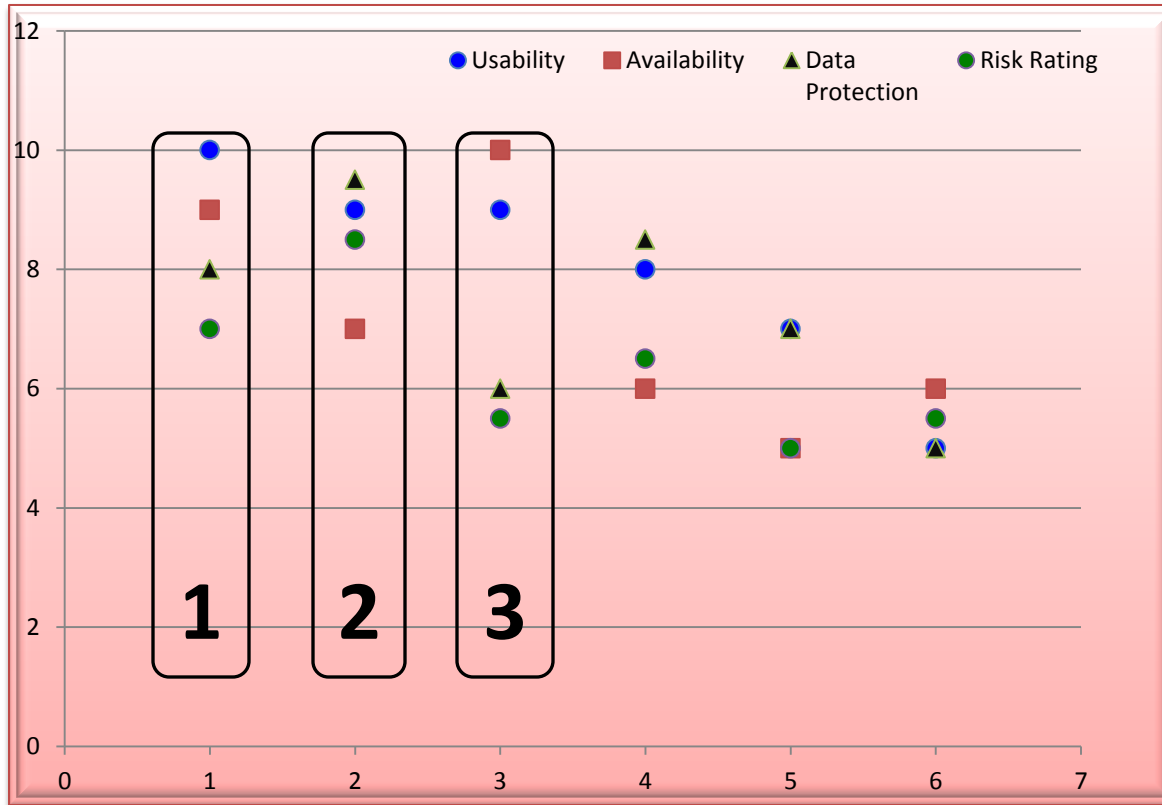
How to pick which application is suitable for Cloud?



❖ The applications circled are the candidate applications for cloud movement.

What should the BA's do - continued

How to select which type of deployment model



1. Private Cloud
2. Hybrid Cloud
3. Public Cloud

- ❖ These are scatter charts of applications rated on the following parameters on a scale of 1 to 10.
 - ❖ Usability, Availability, Data Protection, Risk Rating

What should the BA's do - continued

Risk Office is watching you.



#	App Name	Dependent Apps	CRO rating	Data Entity		Approval for Cloud Movement
1			High Med Low	Can be moved	Cannot be moved	Yes / No

Make Or Buy Cloud based Application?

The make or buy decision of a cloud application will now include the additional analysis of

- Deployment Type
- Crowd sources Features
- WYSWYG

Enough of cloud, get my application back.

- ✓ What if client wants to get the application back on premise from cloud.

Plan to ensure the journey back to “on premise” is smooth.

As James Bond says “No matter how good a spy you are, always have a escape plan.

While Ba's get lured by cloud computing for

- ❖ Low up front cost
- ❖ Scalability
- ❖ Availability
- ❖ Auto back up

Attention needs to be given to

- ❖ Data protection
- ❖ Risk of being not on premise
- ❖ Breaches
- ❖ Usability
- ❖ Enterprise applications architecture stability

Credits

- <http://www.information-age.com/technology/applications-and-development/824632/cloud-computing-in-the-enterprise>
- <http://www.elementallinks.com/2009/09/29/cloud-computing-picks-for-business-analysts/>
- <http://www.technologyreview.com/article/413981/conjuring-clouds/page/2/>
- <http://www.itbusinessedge.com/cm/community/features/interviews/blog/business-analysts-will-be-central-to-cloud-computing/?cs=45392&page=2>
- Concepts-Challenge-Opportunity Of Cloud-For-BA – Charu Agarwal – DOCS – Ajay kumar Garg college Ghaziabad UP.

**Note: What is save today because of moving to cloud,
will become the cost of operation tomorrow.**



Learn more. www.baconvention.com