

Is Cloud Computing Right for You



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CompTIA Certified Cloud Professional

iTrain (M) Sdn Bhd

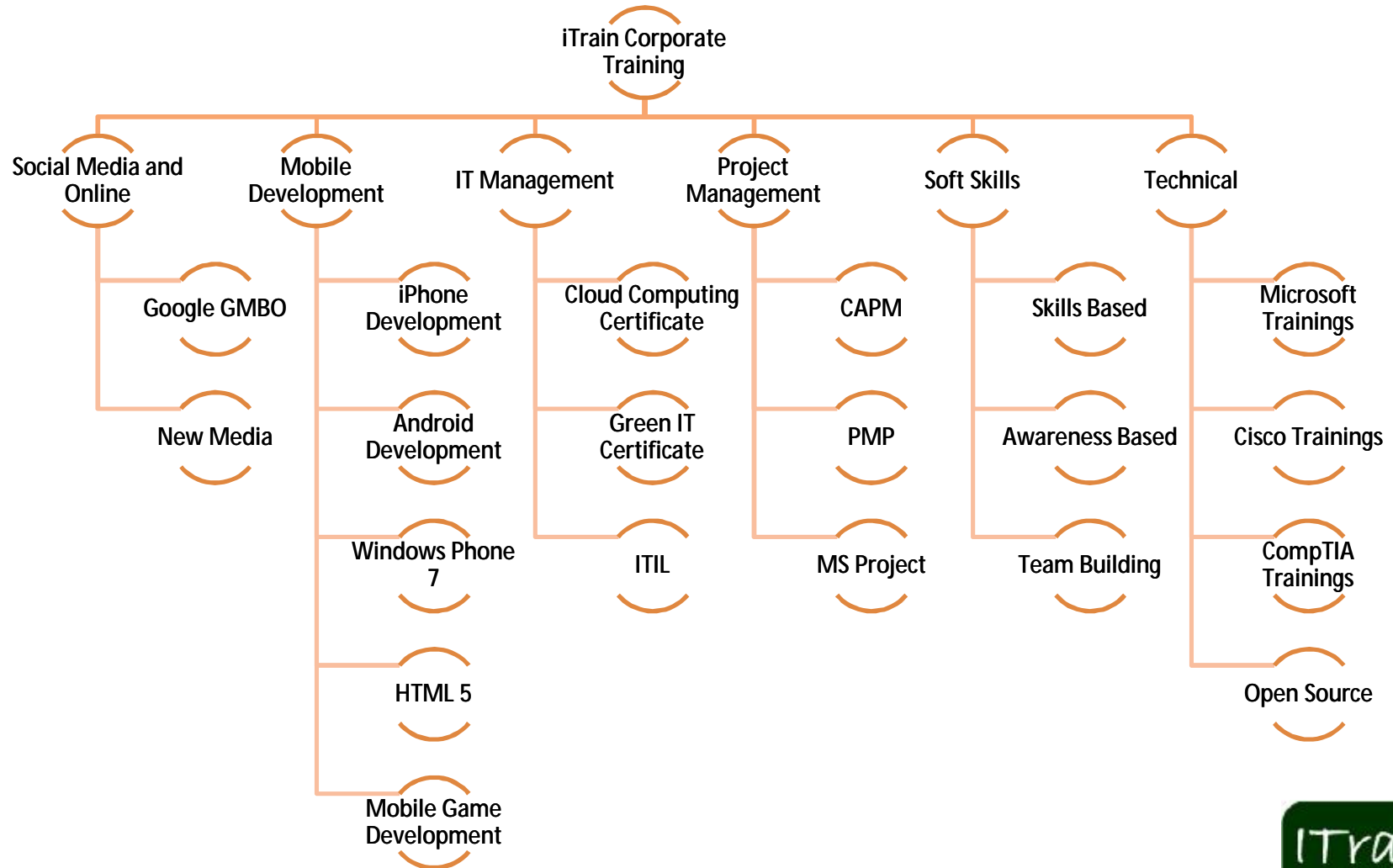
eric@itrain.com.my



About Me

- Started my career with a Singapore Bank
- Was Head of IT for a Public Listed Company with 6 branches across East and West Malaysia.
- CompTIA Cloud Essential Professional
- CompTIA Green IT Certified
- British Computer Society (BCS) Green IT Foundation Certificate
- PMI PMP with good standing
- Microsoft Most Valuable Professional (MVP)
- Microsoft Certified Trainer (MCT)
- Presented in Tech-Ed, TechNet Webcast, Regional Technology Conferences
- Contributor for Local Magazine
- Established and lead a few users groups
- Area of interest: Cloud Computing, Green IT, Enterprise Project Management (EPM), Virtualization

About iTrain



In Partnership with Google Inc



Prime Minister, Dato' Sri Najib Tun Razak announcement GMBO initiative at the ETP Update on November 10, 2011. Google Inc is partnering with iTrain on this initiative.



Mobile Development Efforts



Budding homegrown app makers get a shot to make it good with the ICON2 - Multimedia Development Corporation's (MDeC) ICONapps programme.

The MSC Malaysia ICON program came into being in order to encourage, facilitate and embrace the value of local digital content. In the hope of fostering the creation of competing and relevant digital content for global consumption - in other words to make money for Malaysia and Malaysians.

ICON is now in its second run - the first programme was run over 2009 and 2010. That one had over 1,000 individuals receiving basic training and of that 223 got advanced training on either iOS or Android app making. More than 60 grants were allocated.

The ICON2 programme this time offers three different assistance opportunities. There is ICONapps for train mobile developers, ICONapp aimed at funding online and mobile content developers to enable them into proof-of-concept and ICONex which offers high bandwidth hosting solutions to content applicants.

iTrain, an IT training outfit, is entrusted by MDeC to become the project manager of the ICONapp track. Counselors check out the level of creativity that budding mobile app makers represent. Mobile World (MW) dropped in at iTrain to see how the programme was progressing.

iTrain, you learn

Aspiring app-makers come to iTrain and pitch their ideas under the ICONapp category. If their pitch is successful, it will get them into a 5-day training program. Every approved participant for the training will also be reimbursed for purchasing a new platform and device. Of course, certain milestones have to be met before this is approved.

"We want people to conceptualize apps on what they like or what they do," says Mike Bakesh Lakhmchand, founder and chief executive officer of iTrain Malaysia.

This approach seems to work best because if it's something that people are already doing as part of their work or business or coursework iTrain gets a lot of students! There's a better possibility to the project to be completed.



"We saw what the response has been like this year. It really is a great feeling to see the enthusiasm, like the attitude and energy when they pitch. They are very eager to start and anxious to be selected for funding. I can assure you there's no free ride for anyone. We want to make sure that the investment costs for the devices that they get for the app project is paid to good use," says Mike.

Mike hopes that by 8th December, at the 1st Mobile Developers Day KL, the top 50 apps coming out from the ICONapp program will be completed. The target is to reach 1,000 participants and hopefully, it results in some serious sales figures on app stores.

App makers enter!

MW sat through some presentations by some potential candidates vying for spots for the next round of training programs. They were crack full of energy and ideas - some were deemed more viable than others of course.

Mobile Developer Day

MONDAY, 26 SEPTEMBER 2011 12:51 LEON WING HITS: 641



The first ever Mobile Developer Day, held in Penang this September 10th, had over 200 mobile developers.



Mobile Developer Day was organized by iTrain Malaysia to seed the mobile developer ecosystem up in the north. It provided developers with mobile platform market share information and development methodologies before they select their platform they want to work on. Representatives from MDEC and NOKIA spoke about developer opportunities for Malaysian mobile developers.

"This event was the first of its kind to cover iOS, Android, Windows Phone 7, Symbian and HTML5 development all under one roof," said Bikesh Lakhmchand, CEO of iTrain Malaysia.

There will be an even bigger Mobile Developer Day in early December in Kuala Lumpur. It will feature some well-known app developers as speakers.

Details are in the official Facebook page, fb.com/itrain.malaysia.

The very first MOBILE DEVELOPER DAY 10 SEPT 2011, Penang

Mobile World Magazine, November 2011



Green IT Summit 2011

Date: 28 April 2011 (Thursday)

Venue: Technology Park Malaysia | Kuala Lumpur



Ministerial Address by
Encik Mohamad Rosli bin Haji Abdullah
Senior Under Secretary
Green Technology Sector, KeTTHA



The whole Green IT Summit is live webcast at
1hijau.tv under KeTTHA



CompTIA is delivering the Keynote



Panel Discussion

Cloud Computing Summit 2012

Date: 10 January 2012 (Tuesday)

Venue: Hotel Equatorial Kuala Lumpur



Malaysia is the first country in the world (outside USA) to launch the CompTIA Cloud Computing Certification



200 participants joined the Cloud Computing Summit 2012



The first Amazon Web Services Public Workshop in Malaysia.



Simone guiding participants during the hands on lab sessions

Project Management Competency

INDUSTRY NEWS

MSC Malaysia Product Assessment & Rating Framework

THE MSC Malaysia Product Assessment and Rating Framework is all set to promote and implement the highest quality standards among MSC Malaysia products in eliminating any negative perceptions that exist toward Malaysia-developed ICT products.

Launched by Chief Executive Officer of the Multimedia Development Corporation (MDeC) Datuk Badlisham Ghazali on June 4 in Putrajaya, the latest initiative by MSC Malaysia Capability Development Programme (CDP) will enable objective assessment of various products developed by MSC Malaysia Status Companies.

Badlisham said through this effort, MSC Malaysia would encourage confidence among consumers of the reliability, security and overall quality of products from the companies under its banner.

"By benchmarking products along objective criteria, we will be able to deliver feedback to the companies and help them improve the quality of their products," he added.

At the initiative kick-off, MDeC conducted a one-day workshop for external stakeholders from various industries, facilitated by TÜV Rheinland Malaysia. The global provider of technical, safety and certification services was appointed by MDeC to assist in developing a comprehensive structure for the framework.

Badlisham said: "With many years of experience providing certification for both companies and products across Europe and Asia and as a user-friendly means to efficiently, accurately and quickly assess, rate and, if necessary, certify products made by MSC Malaysia Status Companies.


"Secondly, the products must also conform to international standards and be globally recognised as a true measure of the quality of an ICT product. Last but not least, it must include feedback mechanisms to facilitate the improvement of lower rated products."

The development of the Framework is of paramount importance to MDeC, hence all facets of the organisation - Industry Development, Socio-Economic Development and Capacity Development - will be actively engaged in this project.

This current phase in the development of the MSC Malaysia Product Assessment and Rating Framework will last until September 2010. Head of Capability Development Department, Dr Karl Ng said it is difficult to benchmark and gauge the quality standards of MSC Malaysia products currently, as there is no set of standards to benchmark upon.

"Without this measurement, we do not know where and how our products stand. It would be very hard to improve and produce better quality products if we do not know where we are," Ng said.

Because of this, there is still the perception of low quality standards towards locally developed ICT products in Malaysia. He added: "The ultimate aim of this project is to promote and implement quality standards, thus reducing or eliminating damaging perceptions towards locally developed ICT products."



In action ... Event speaker Ku provided good insights for the participants.

Boost for project managers

PROJECT MANAGERS with project management knowledge and acquired skills from the Project Management Institute (PMI) Project Management Body of Knowledge (PMBOK) or PRINCE (Projects in Controlled Environments) may still find it difficult to apply its practices in the real world without the software tools.

Hence, a workshop was organised by CDP Project Management to educate project managers and practitioners on the latest software tools available and how it can help them in completing their day-to-day tasks efficiently.

The event, titled Effective Project Management with Project Management Software, was held on June 10 at the MSC Malaysia Innovation Centre.

The event speaker Eric Ku, the co-founder of ITrain Malaysia, provided good insights to the participants.

Ku - MCT, MRP, ITIL Certified - has been in the IT industry for the past 14 years. He has extensive

Managing Project with Project Management Tool workshop with MDeC

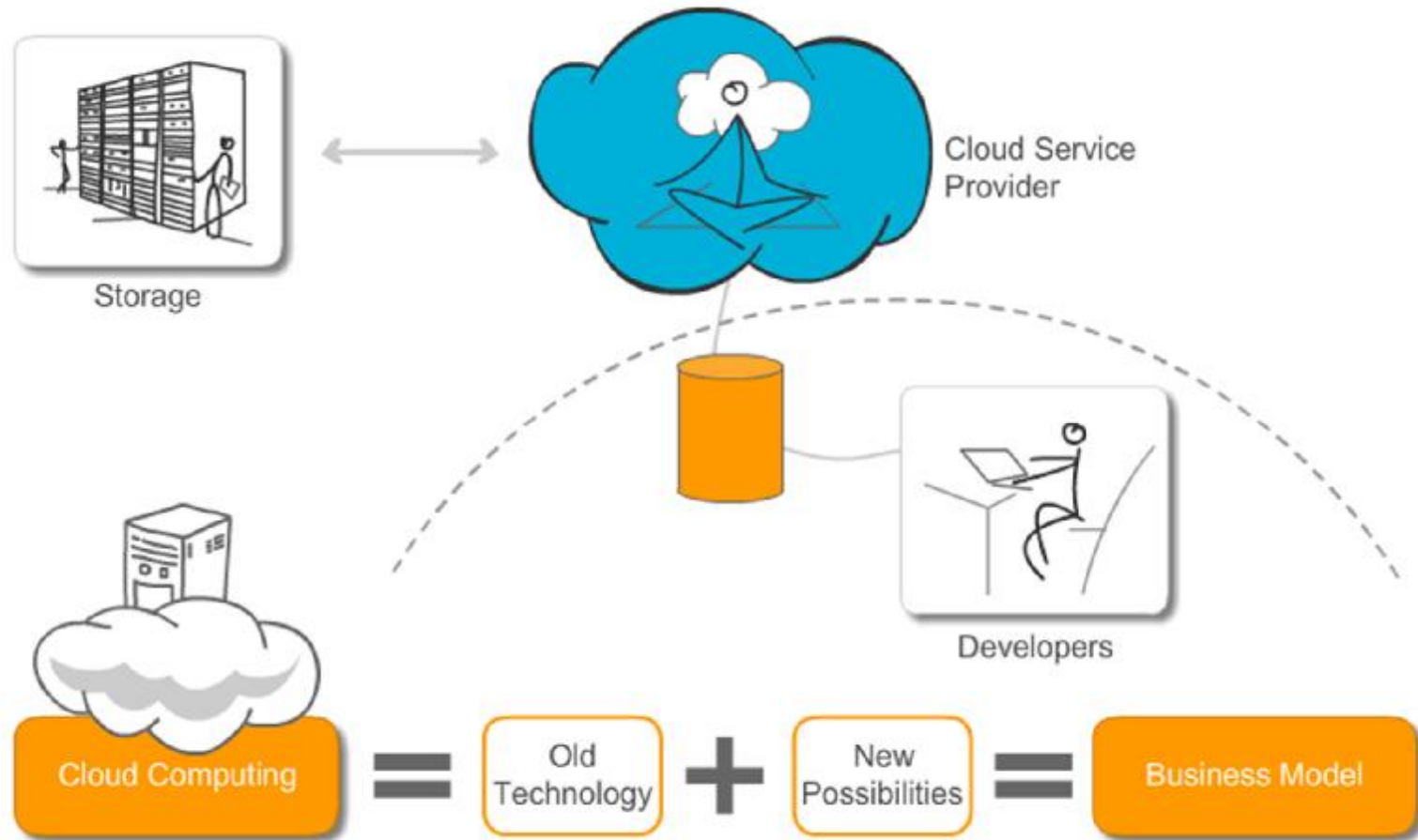
Agenda

- What is Cloud Computing?
- Why Cloud Computing?
- Suitability for your organisations
- Challenges and Risks
- Top 10 tips for cloud computing adoption

What is Cloud Computing?



Cloud Computing

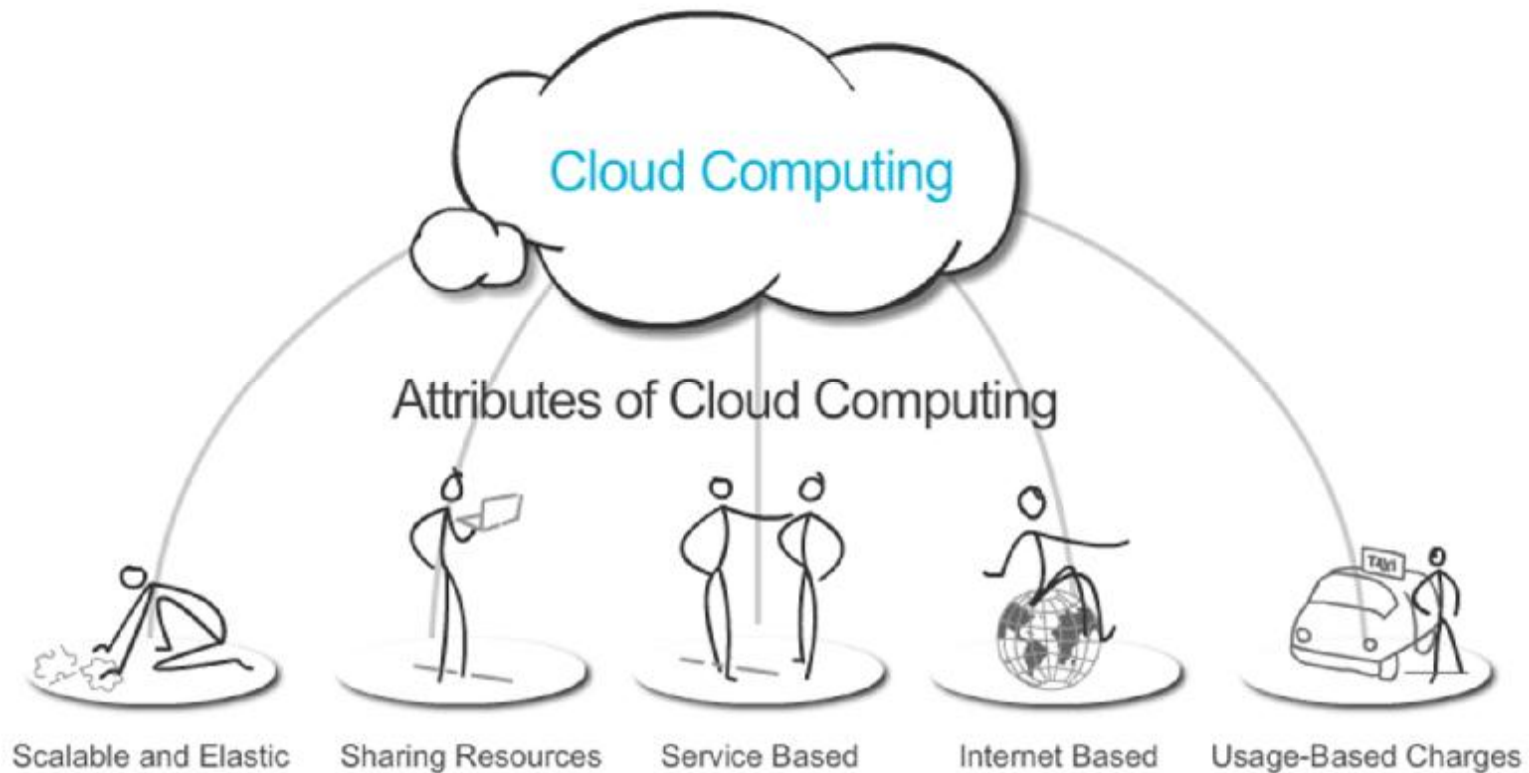


Cloud Computing is more a business model than a technology

What is Cloud Computing?

Cloud computing is about IT capabilities that are delivered as a service over a network

Attributes of Cloud Computing



Cloud Computing Service Delivery Model

Software (SaaS)

- Applications delivered as a service to end-users over the Internet.
- In short, SaaS allows users to run existing online applications



Platforms (PaaS)

- Application development & deployment platform delivered as a service.
- In Short, PaaS allows users to create their own cloud applications using existing tools and script languages.

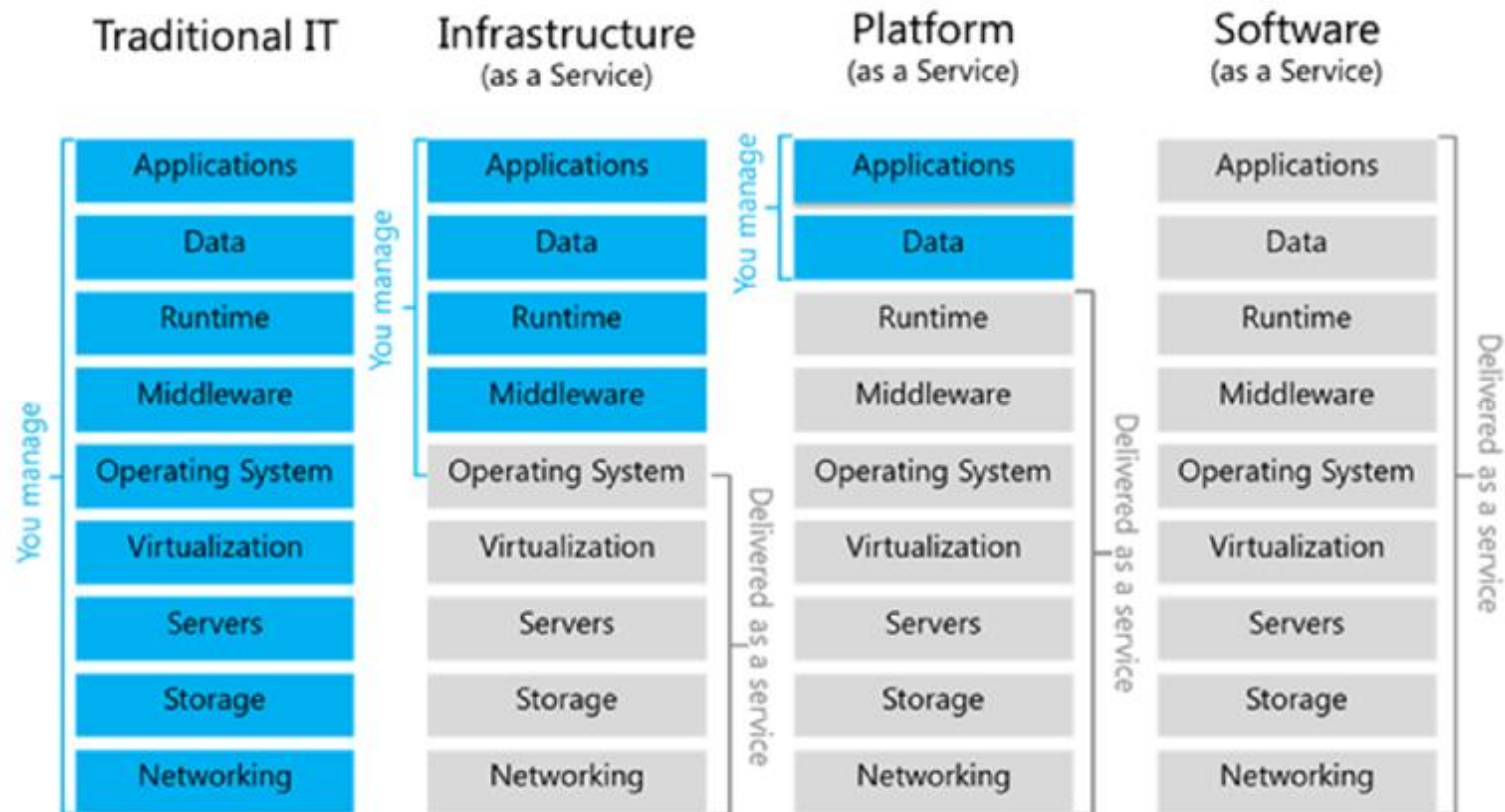


Infrastructure (IaaS)

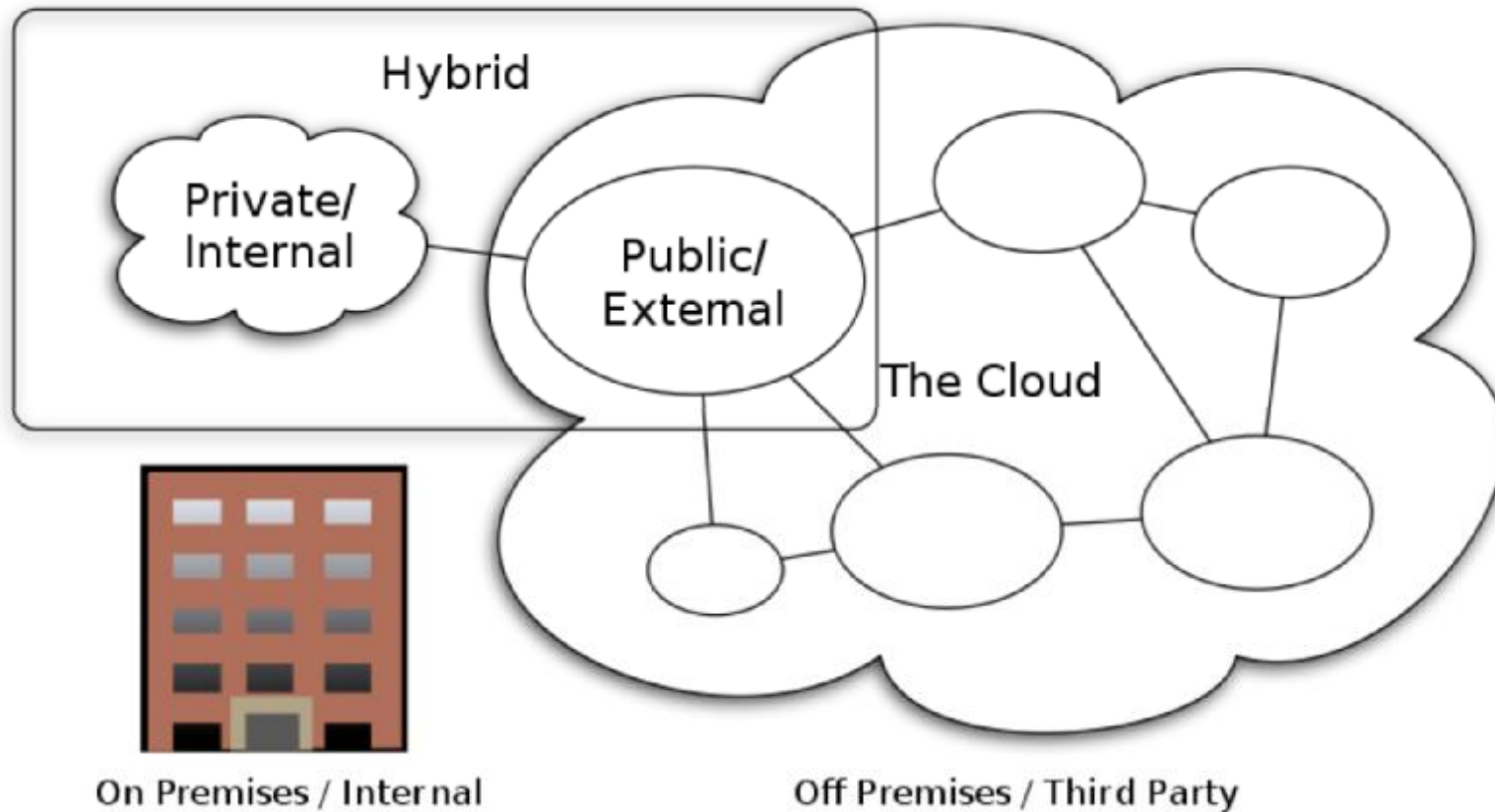
- Server, storage, & network capacity with associated software delivered as a service.
- In Short, IaaS allows users to run all types of applications on selected cloud hardware



Just An Overview



Cloud Computing Deployment Model



Compare Cloud Computing and IT Outsourcing

- What cloud computing and IT outsourcing have in common:
 - External Staff
 - Provider-Owned Assets
 - Vendor Lock-in Potential
 - Reasons for Adoption

Compare Cloud Computing and IT Outsourcing

- Differences between cloud computing and IT outsourcing:

	Cloud Computing	Outsourcing
Financial Commitment	Short term, can be changed in days or even minutes	Long term, multiple years
Hardware and Software Assets	Customizable by client	Typically tailor made for client
Scalability of Capacity	Practically instantaneous	Involves renegotiation or involves lead-time
Contract Changes	Through a Web portal	Involves renegotiation

Why Cloud Computing?



The Numbers



The cloud market
will be \$120B by 2015

“Professionals
Feel they need
to gain new skills”



The cloud market
will be \$150B by 2015

The cloud market
will be \$56B by 2014



More Numbers

Worldwide spend on
Cloud Computing:
from USD3 Billion in 2008
to USD 160 Billion 2020
(Frost & Sullivan, 2011)

34% of Organisations put
Cloud as Top Priority, 41%
committed to increasing
Cloud Budget
(Frost & Sullivan, 2011)

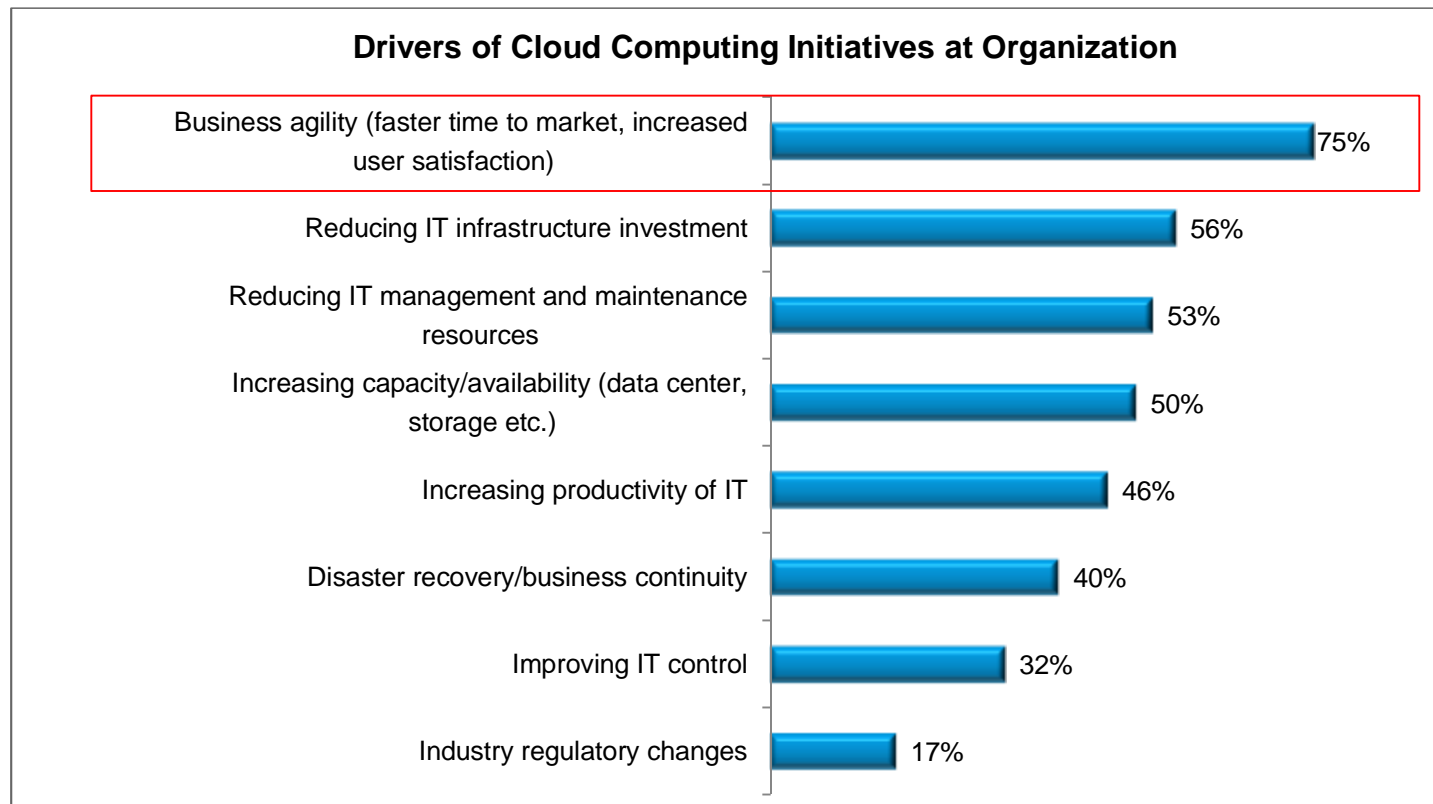
APAC, excluding Japan, is expected to invest USD 11.4
Billion on Cloud Computing in 2011
(AMI Partners, March 2011)

Malaysian Business Application as a Service (BAaaS)
alone is expected to reach a market size of USD161.4
million by 2017
(Frost & Sullivan, 2011)

Top Driver for Cloud Computing

88% Rate Cloud Computing as Priority Over the Next 18 Months

Q: Which of the following are top drivers of cloud computing initiatives at your organization? (Please check all that apply)



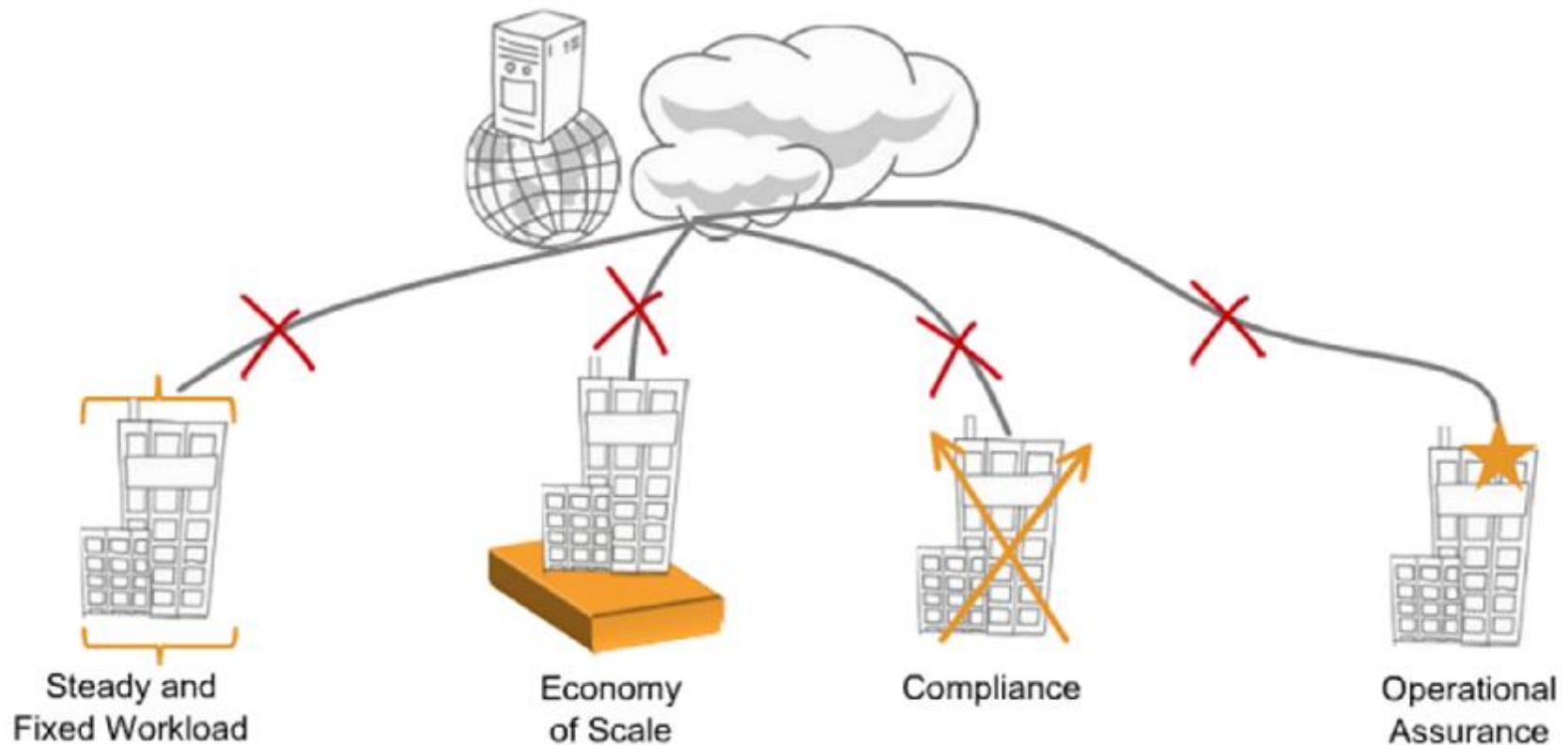
Base: 636 Total respondents; 234 US respondents; 202 EMEA respondents; 200 APAC respondents
Source: CIO Global Cloud Computing Adoption Survey January 2011

Suitability to Organisations



- Business is changing rapidly
- Capital is occasional or expensive
- Technology or business is immature
- Senior management is not ready
- Startup

Suitability to Organisations (Not)



Challenges & Risks

- Application Performance
- Cloud Storage
- Data Integration
- Security
- Application Architecture
- Standards
- Vendor
- People

Addressing the Human Factor in Cloud

- Staff does not have adequate cloud competencies
 - Unclear for professionals where to start
- Organizations not providing enough cloud training
 - No vendor-neutral cloud certifications available
- Cloud moves faster than organizations can adopt
 - No standard set of rules / terminology / language

CompTIA Certifications Mission and Vision

Focused on Knowledge and Skills to fuel Jobs, Careers and IT Organizational Performance

- **More than 1.5 Million** - CompTIA certified professionals worldwide
- **Recognized by Top IT Companies and Organizations** - such as HP, Sharp, Microsoft, Lenovo, Ricoh, Cisco, Gov't Agencies and DoD
- **Globally-Recognized, Vendor-Neutral Certifications** - ensure proficiency in
 - Networking
 - Security
 - PC Repair
 - Server Technology
 - Green IT
 - Project Management
- **CompTIA Vision** – provide an Entry to Expert IT Career Path, Extensive Workforce Development Initiatives and extensive partner resources and tools



CompTIA

Advancing the Global IT Industry

Who typically needs this certificate?



IT

- IT Service Delivery/Support
- IT Architecture & Development
- IT Consultants
- IT Process Management
- IT Security Management



Business

- Project Management
- Procurement
- Legal
- HR
- Quality Management
- Sales

Cloud Essentials Course Module

- Course Introduction
- Module 1: Introduction to Cloud Computing
- Module 2: Business Perspectives
- Module 3: Technical Perspectives
- Module 4: Adopting Cloud Computing
- Module 5: Operating Cloud Computing
- Module 6: Governing Cloud Computing
- Exam Review

Top 10 tips for cloud computing adoption


1. Review your business and find appropriate 'problems' to solve using cloud computing
2. Engage with stakeholders throughout the business, including legal, finance and IT security
3. Review your IT systems, including your local network bandwidth, to ensure your business can operate in the cloud
4. Understand your data protection responsibilities and aim to minimize information risk
5. Forecast usage scenarios and total costs, including associated internal costs
6. Make a business case and get it signed off by relevant stakeholders
7. Start with a small project but think big, keeping future systems integration and your IT strategy in mind
8. Find a provider that can support your requirements for information governance and service management
9. Monitor performance and service levels
10. Create an exit plan and make sure it works!

Conclusion

“Cloud computing services are not an all-or-nothing proposition”

Is Cloud Computing right for you?

Answer: It depends



Q & A

Join our Cloud Computing Special Interest Group
(CloudComputingSIG) on LinkedIn

Drop your call card at the registration counter during
lunch for an invitation to the SIG