

Úvod do Cloudových řešení



Ing. Adrian Demeter

GC System a.s.



GC System a.s.

GC System a.s.

- ✓ Design, implementation and support of Data Centers
- ✓ Professional ICT services with high skills
- ✓ International cooperation with IBM (IBM Premier BP)
- ✓ Wide coverage of ICT products, including high-end
- ✓ Based in European Union – Czech Republic
- ✓ Security clearance – SECRET/SECRET DEFENSE




Osvědčení
IBM Česká republika spol. s r. o.
 V Parku 2294/4, 148 00 Praha 4 - Chodov

potvrzuje, že
GC System a.s.
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je obchodním partnerem společnosti IBM Česká republika, spol. s r. o.
 a je autorizována jako Dynamic Infrastructure Business Partner

pro rok 2009/2010



23.9.2009
 V Praze dne



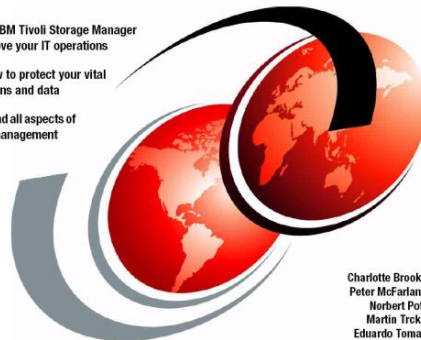
Martin Rieder
 ředitel pro obchodní partnery
 IBM Česká republika





IBM Tivoli Storage Management Concepts

- See how IBM Tivoli Storage Manager can improve your IT operations
- Learn how to protect your vital applications and data
- Understand all aspects of storage management



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 Peter McFarlane
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In recognition of the commitment to achieve professional excellence, this certifies that

Anton Lacička

has successfully completed the program requirements as an

IBM Certified Advanced Deployment Professional
 IBM Service Management
 Service Delivery and Process Automation 2009

July 27, 2009

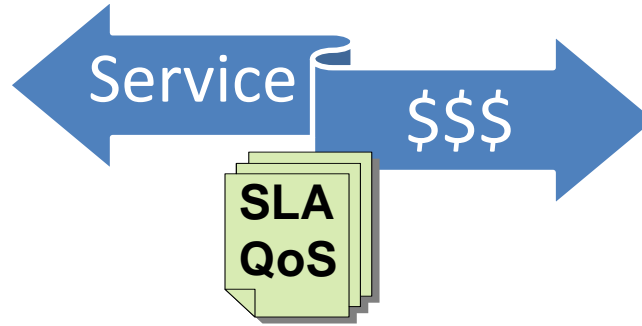




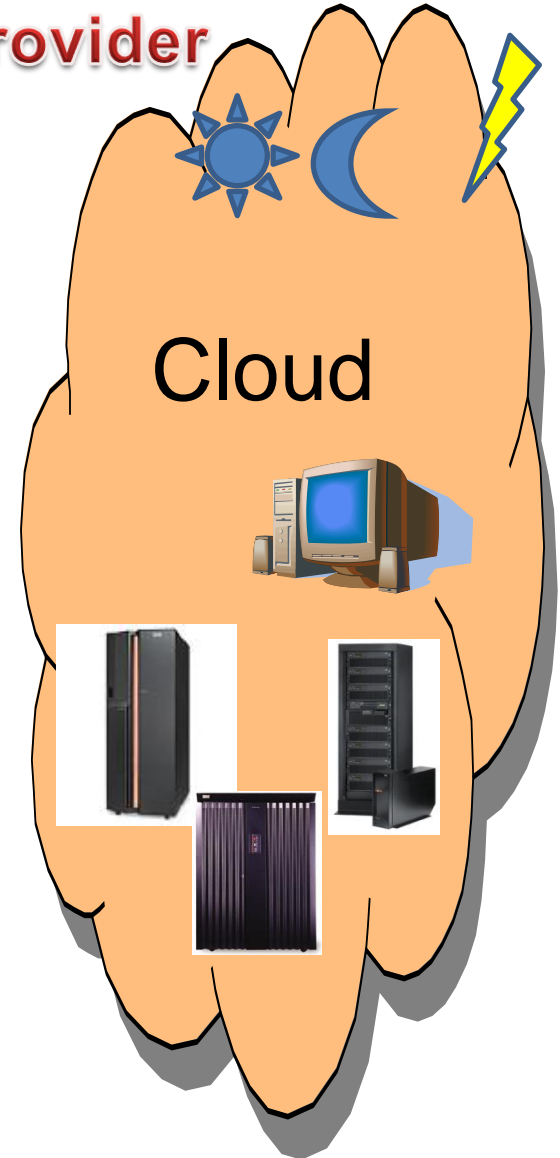
IBM Software Group
 Service Via President and Group Executive
 Steve Mills

IBM Software Group
 Service Via President and Group Executive
 Al Zoller

User



Provider



- I need actual information
- I need to store data
- I need results
- I need to run my program
- I need to access registers
- I need to communicate



Who benefits from the Cloud

GC System a.s.

- ✓ How quickly can you react and deliver new ICT service?
- ✓ Do you experience outages due to human error?
- ✓ How many different configurations do you use? Is it sized for min/mean/peak?
- ✓ How is ICT usage metered and charged?
- ✓ Does your ICT budget allow for innovation supporting new business initiatives?

- ✓ Cost cutting
 - Pay only for what you use
 - Reduce end-user support by up to 40%
 - Transfer CapEx -> OpEx
- ✓ Improve efficiency – focus on your core business and „cloud“ the non-core
- ✓ Deploy fast and easy – business growth, new markets, collaboration
- ✓ Improve customer service

VIRTUALIZATION



STANDARDIZATION



AUTOMATION



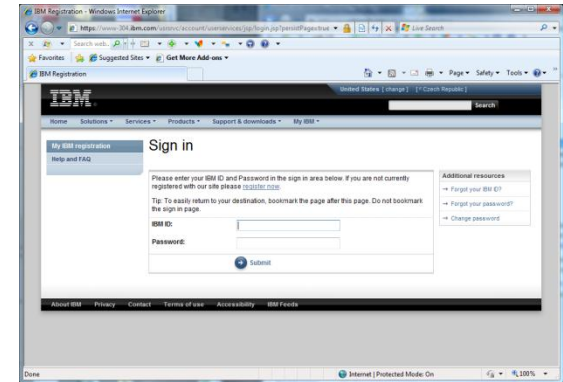
Cost

Flexibility

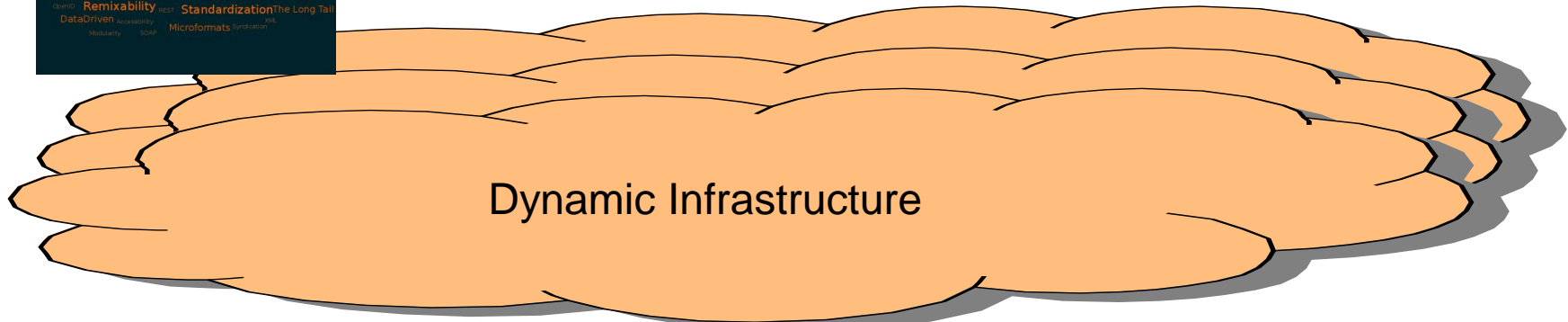
Cloud computing is a style of computing in which dynamically scalable and often virtualized resources are provided on demand as a service over the Network.

- IaaS – Infrastructure as a Service
- SaaS – Software as a Service
- PaaS – Platform as a Service
- CaaS – Connectivity as a Service

**Service: Internal or External or Hybrid?
Cloud, Outsourcing, Grid, ...?**



Web 2.0, Telco 2.0, Infrastructure 2.0, Xyz 2.0





Dynamic Infrastructure

GC System a.s.

- Reliable & scalable platform (HW, SW, support)
- **Virtualized** resources (processing, storage, communications)
- Provisioning & Deployment
- Accounting & **Charging**
- Monitoring & Support
- Self Service Portal
- **Standardized** environment (Java, Web 2.0)
- Security and user management
- Datacenter physical infrastructure & energy & workforce

BUILD FROM PACKAGE

Build your own

Resell Service



IBM Approach

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- Cloud Infrastructure → IBM PureSystems, Virtualization (PowerVM, VMware)
- Cloud Provisioning → IBM SmartCloud Provisioning
- Cloud Monitoring → IBM SmartCloud Monitoring
- Cloud Management → IBM SmartCloud Foundation →
→ IBM Service Delivery Manager, IBM PureSystems,
- Cloud Integration → DataPower,
- Cloud Security → IBM Security Framework (QRadar, IBM Mobile Security, ...)
- Application Development and Deployment → WebSphere Workload Deployer
- Cloud Data Center Operations → IBM SmartCloud Control Desk



Thank you

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