

The Open Group Perspective on Public Sector Cloud

Public Sector Cloud Conference
Reston VA, March 19-20 2012

THE *Open* GROUP

Andras Szakal

Chief Architect, IBM Federal Software Group,
Distinguished Engineer and Senior Certified
Software IT Architect, IBM.
Director, The Open Group

THE *Open* GROUP

Agenda

- ❑ Overview of The Open Group
- ❑ Role and positioning in the Cloud space
- ❑ Open Group Cloud Publications
- ❑ Open Group Cloud Work in Progress
- ❑ Questions and Discussion

Overview of The Open Group

- ❑ International vendor - and technology – neutral consortium that organizations rely on to lead the development of IT standards and certifications
- ❑ Provides guidance and open environment to enable interoperability and vendor-neutrality
- ❑ Membership is open to all enterprises, small, medium and large, anywhere in the world



Our Vision

Boundaryless Information Flow™

- ❑ Achieved through **global interoperability**
- ❑ In a secure, reliable and timely manner

“Boundaryless does not mean there are no boundaries – it means that boundaries are permeable to enable business.”

What The Open Group Does

❑ Membership & Events

- Forums and Work Groups
- International Conferences
- Regional Conferences

❑ Certification

- People – Open CA, Open CITS, TOGAF®
- Products – UNIX®, WAP, Architecture Tools
- Services – Training

❑ Collaboration Services

- Various management services to other special interest groups

The Open Group and Cloud Computing

❑ Cloud Computing

- Is a major development in IT
- With big impact on information flow within and between enterprises

❑ The Cloud Work Group

- Formed to create a common understanding among buyers and suppliers
- Of how enterprises of all sizes and scales of operation can include Cloud Computing technology in their architectures
- In a safe and secure way
- To realize its significant cost, scalability and agility benefits.

The Cloud Work Group

❑ Overview

- 600 participants from 70 member companies

❑ Projects with Completed Deliverables

- Service Oriented Cloud Computing Infrastructure
- Cloud Computing Explained
- Cloud Business Use Cases
- Cloud Business Artefacts

❑ Developing Projects

- Cloud Computing Reference Architecture
- Use of TOGAF for Cloud Ecosystems (TOGAF-CE)
- Cloud Interaction Ecosystem Language (CIEL)
- Security for the Cloud and SOA
- Cloud Computing Interoperability and Portability
- Cloud Governance

www3.opengroup.org/getinvolved/workgroups/cloudcomputing

Open Group Cloud Publications

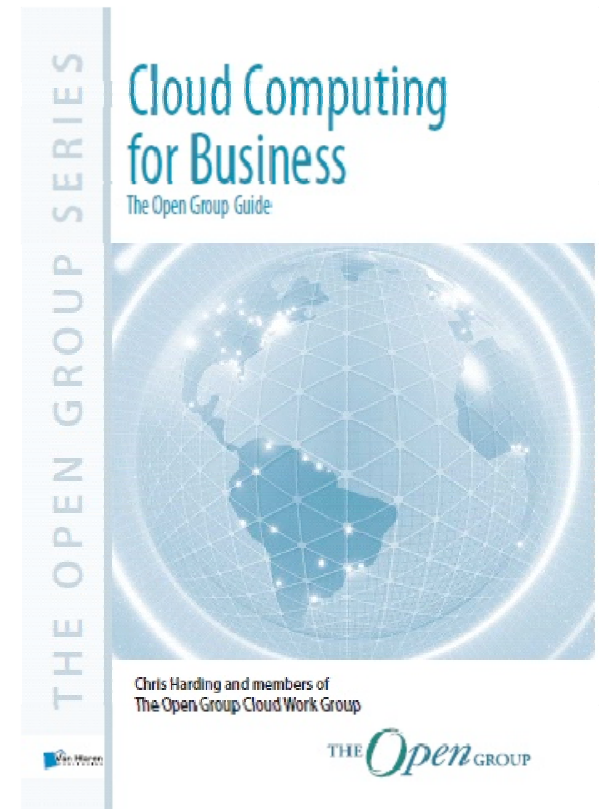
- ❑ White Papers
- ❑ Cloud Computing for Business – the Open Group Guide

White Papers

- ❑ **Cloud Computing Explained**
- ❑ **An Architectural View of Security for Cloud**
- ❑ **Building Return on Investment from Cloud Computing**
- ❑ **Strengthening your Business Case for Using Cloud**
- ❑ **Cloud Buyers' Decision Tree**
- ❑ **Cloud Buyers' Requirements Questionnaire**
- ❑ **Security Principles for Cloud and SOA**

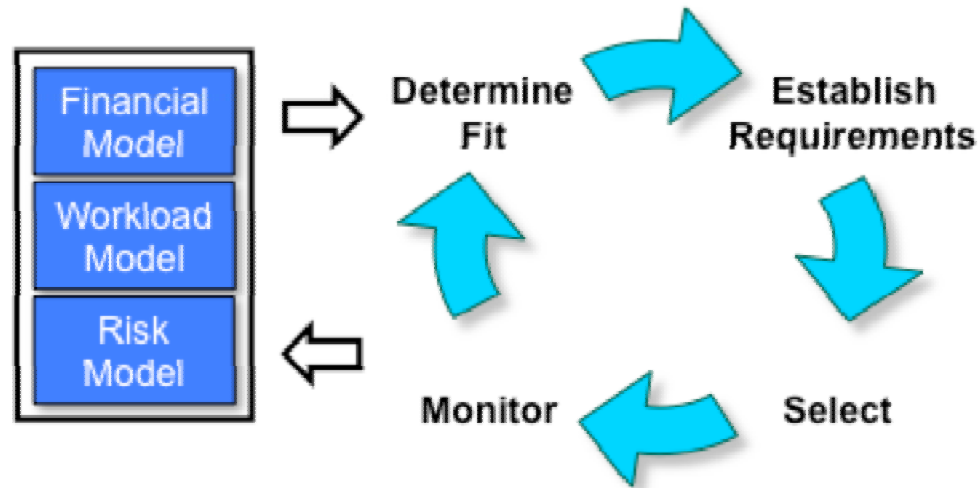
Cloud Computing for Business

- ❑ **Reliable and independent guidance that will help to support Cloud Computing business decisions**
- ❑ **Based on the previously-published White Papers**
- ❑ **Published by Van Haren, August 2011**



Public Sector Relevance

- **Business use of Cloud should be based on good practice**
- **Public sector decisions should be documented and transparent**
- **Cloud Computing for Business describes a framework of good practice within which decisions can be taken and explained**

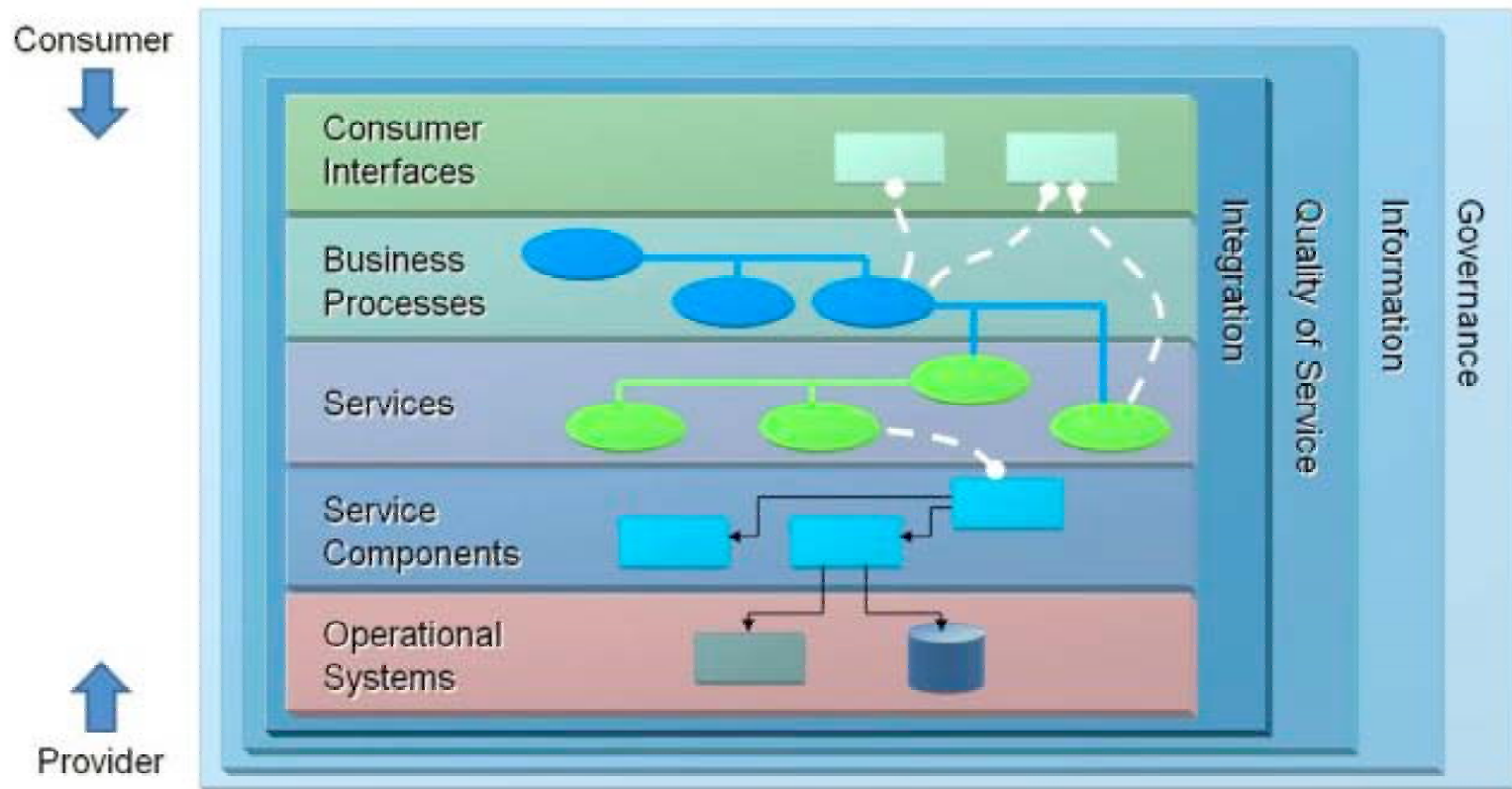


Work In Progress

- ❑ Cloud Computing Reference Architecture
- ❑ Security for the Cloud and SOA
- ❑ Cloud Business Use Cases
- ❑ Use of TOGAF for Cloud Ecosystems
- ❑ Cloud Interaction Ecosystems Language (CIEL)
- ❑ Cloud Governance Framework
- ❑ Cloud Portability and Interoperability Guide

Reference Architecture

- Starting from the Open Group SOA Reference Architecture (but will evolve)



Security for the Cloud and SOA

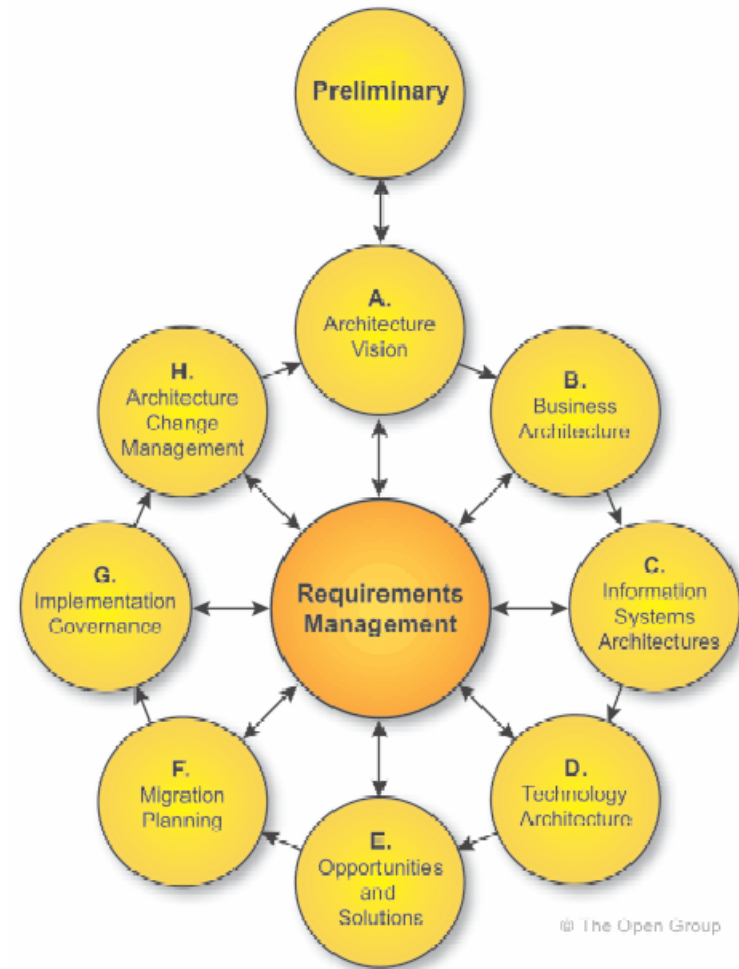
- ❑ Producing a series of White Papers
- ❑ To be consolidated as a Best Practice Guide
- ❑ Two papers published so far:
 - An Architectural View of Security for the Cloud
 - Security Principles for Cloud and SOA

Cloud Business Use Cases

- ❑ Produced a White Paper with 24 business use cases for Cloud Computing
- ❑ Now working on White Paper on Cloud for Small and Medium-Sized Enterprises (SMEs)
 - Planned publication in April

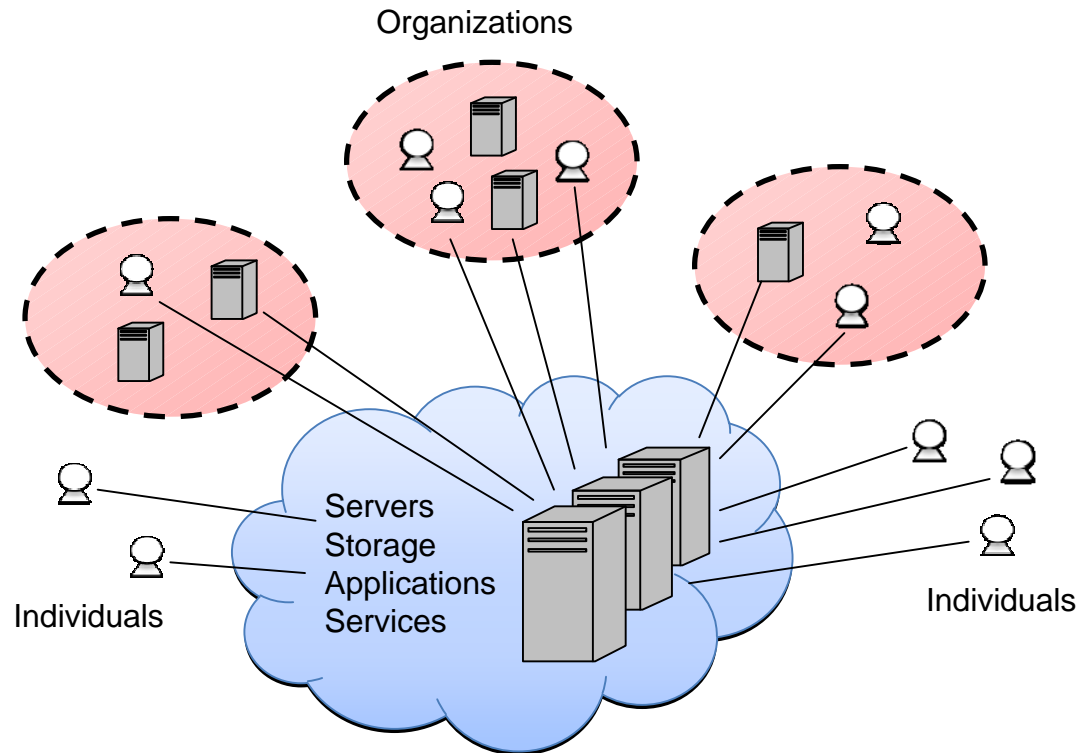
TOGAF for Cloud Ecosystems

- ❑ TOGAF® is a widely-used enterprise architecture framework produced and supported by The Open Group
- ❑ This project is developing guidance on its use for Cloud ecosystems



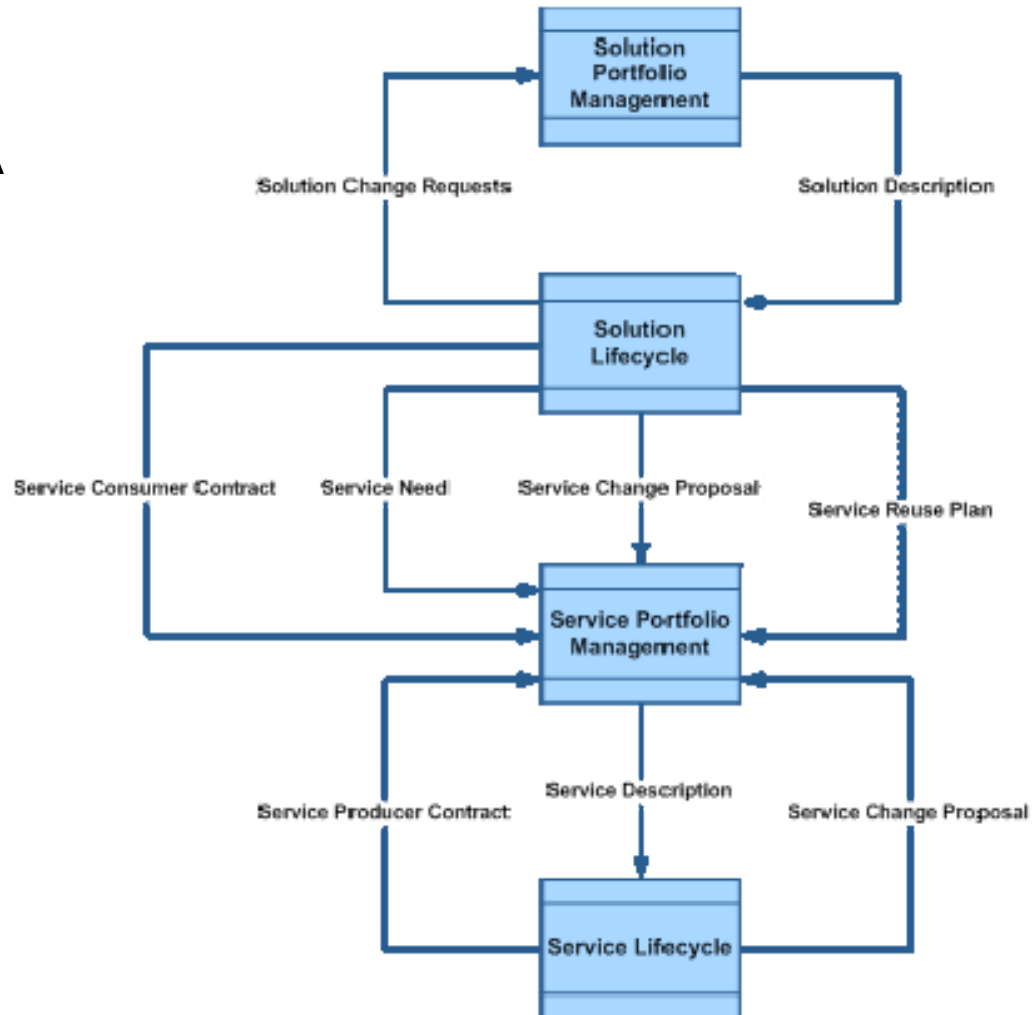
Cloud Interaction Ecosystem Language

□ Graphical notation for Cloud ecosystems



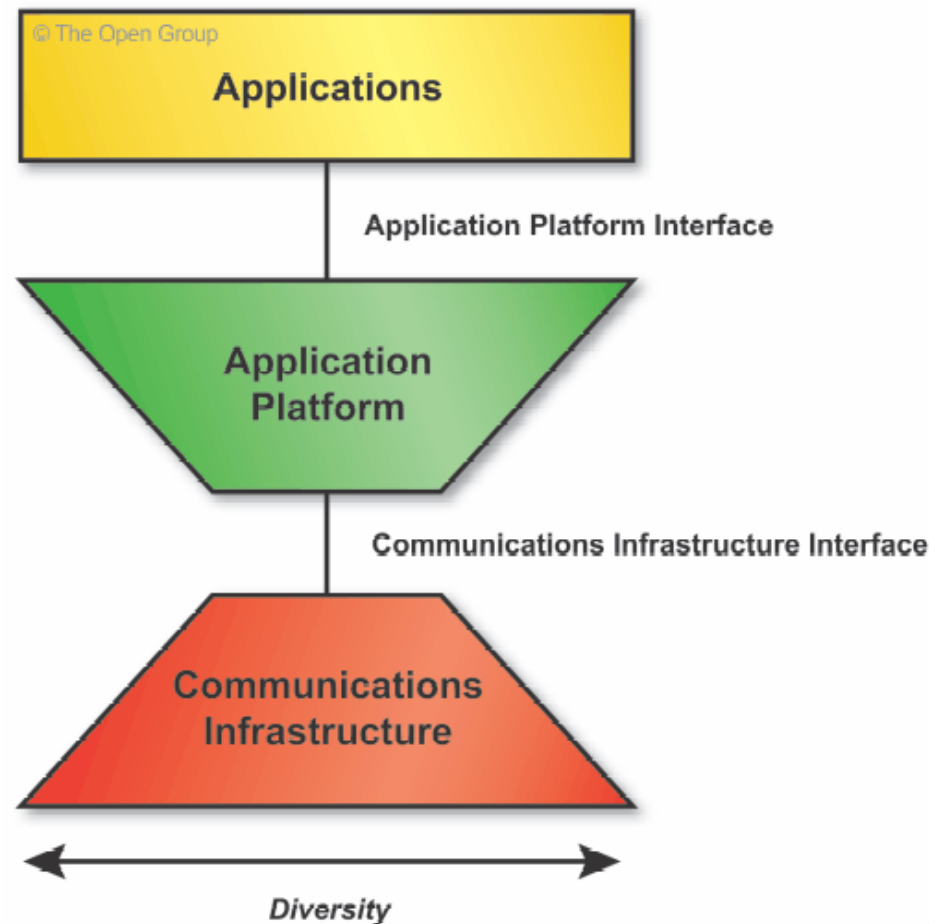
Cloud Governance Framework

- Starting from the Open Group SOA Governance Framework (but will evolve)



Cloud Portability and Interoperability

- ❑ Renewing historic Open Group guidance for the Cloud era



Questions and Discussion

?

The Open Group Perspective

Thank you!