Cloud Computing Standards Panel – Chicken or Egg?

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CC SDOs and Work Items

• Undoubtedly we need Standards to support seamless Interoperability, cost Optimization, and continuous Innovation

• Dozens of formal and informal Groups do exist, and they claim to be addressing certain Niches
  – Further details can be found in the following draft: http://www.ietf.org/id/draft-khasnabish-cloud-sdo-survey-00.txt

• A survey of Industry work items can be found in the following draft
The Joy of Developing (Interoperable) Standards

**Service Providers**

**Solution/Service Developers**

**Standards**

- Critical mass of Implementations, and Interoperability

**Service Users**

- Enterprise Users (direct feedback)
- Consumers (usability, popularity, etc.)

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What the Service Providers Can Do?

- Develop and Widely **Adopt** a Cloud **Reference Framework**
What the Solution/Service Developers Can Do?

- **Utilize** a Common **Reference Framework** to Develop and Refine (via Interoperability) the Services: Service Instantiation, VRM Configuration, etc.

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**VRM Scope**

**VRC**: Virtual Resource Client  
**VRM**: Virtual Resource Management  
**VRP**: Virtual Resource Provider
How can the Interoperability Events Help?

• Interoperability Event can help develop
  – A Healthy *Echo-System* of *Solutions*
  – An *Environment* for Continuous *Innovation*

• *Regional* Interoperability Events
  – Using the Test cases that are focused on niche services

• *Domestic* Interoperability Events
  – With focus on services of National importance/priority

• *Global* Interoperability Events
  – With focus on access-agnostic mobility and roaming
The Joy of Developing (Interoperable) Standards

Service Providers

Solution/Service Developers

Standards

Mass Adoption of Interoperable Standard Solutions

Happy Users of Services

Enterprise Users (direct feedback)

Consumers (usability, popularity, etc.)

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Thanks for Your Kind Attention