# Questionnaire-Perspectives on Cloud Computing
## For StratusLab

**Public : Users Admins**
**Goal : Defines Actual Needs, Requirements and Expectations of Cloud Computing Services.**

*USERS*

1. Personal Informations ( Country, Academic, Diffusion List (E-mail), ...)

2. Entreprise/Labo/Entity you represent

   ☐ small (1-9)   ☐ Medium (10-50)   ☐ ≥ 50

3. Your Experience in Software Development

   ☐ Junior   ☐ Senior   ☐ Expert

4. What are your Experiences with cloud Computing providers

   - Amazon Web Services

     ☐   ☐   ☐

   - Google Apps

     ☐   ☐   ☐

   - SalesForce.com

     ☐   ☐   ☐

   - Others (Please specify)

5. Reasons behind choosing Cloud Computing

   - Flexibility and Scalability

     ☐   ☐   ☐

   - Increasing Computing Capacity

     ☐   ☐   ☐

   - Elasticity

     ☐   ☐   ☐

   - Others (Please specify)

6. Your Experience with porting and running application in the cloud

7. Please, specify which type of application you ported in the cloud

   - Domain

     ☐ Bio-Informatic      ☐ Fusion      ☐ Astrophysic

     ☐ Others      (Please specify)

   - Operating System Required and Version

     ☐ SL      ☐ Ubuntu      ☐ RHEL

     ☐ Others   Please specify

   - Paradigm

     ☐ Master/Workers   ☐ Parameter Sweep   ☐ Multi-thread

     ☐ Parallel      ☐ Sequential      ☐ Interactive

   - Libraries

   - Data Management

1. What are the types of problems you encountered in virtualization support

   ☐ Support for specific Hardware

   ☐ hardware requirements of a virtualization platform

   ☐ Political strategies, decision to address virtualization in context of supported software

   ☐ Others (Please specify)

2. Please, list the problems you encountered when deploying Virtual systems

   - Failures of hardware components
   - Disaster recovery Strategy
   - SAN Storage level
   - Servers Fails
   - High Availability of Virtual Machines
   - Others (Please specify)

3. Hypervisor used when deploying your virtual systems

   ☐ KVM        ☐ Xen        ☐ VMWare

   ☐ Virtual Box    ☐ OpenVZ    ☐ Others

4. Storage Virtualization

   ☐ IDE/SCSCI/USB Disks

   ☐ Fibre channel

   ☐ LVM

   ☐ Parallel File Systems

   ☐ Other (Please specify

5. Network virtualization

   ☐ Virtual Network adapters
   ☐ VLANS
   ☐ Virtual routines tables
   ☐ Other (Please specify

6. Image Generation

   ☐ Who made your Image
   ☐ How you manage your Image LifeCycle
   ☐ Which Format ?
   ☐ One Image for all Hypervisors?

7. Images Contextualization

   ☐ Mechanisms allowing Image configuration

   ☐ Batch system integration