



## ***Participants***

- | <b>1<sup>st</sup> Name Last Name</b> | <b>Organization</b> |
|--------------------------------------|---------------------|
| • Alexandre Lefebvre                 | Orange Labs         |
| • Andrea Manieri                     | Engineering         |
| • Christian Rémy                     |                     |
| • Christophe Hamerling               | PetalsLink          |
| • Davide Zerbetto                    | Engineering         |
| • Denis Caromel                      | Inria               |
| • Guillaume Doyen                    | UTT                 |
| • Guillaume Sauthier                 | Bull                |
| • Hacene Latreche                    | Bull                |
| • Jamie Marshall                     | Prologue            |
| • Jean-Pierre Laisné                 | Bull                |
| • Lionel Seinturier                  | Inria               |
| • Patrick Moreau                     | Inria               |
| • Stéphane Fermigier                 | Nuxeo               |
| • Stefano Camuzzo                    | Engineering         |
| • Stéphane Volbi                     |                     |
| • Yuri Glickmann                     | Fraunhofer Fokus    |

## Table of contents

Participants.....	1
Reminder: OSCi mailing list .....	3
Introduction policy on mailing list:.....	3
Note.....	3
Agenda: .....	4
Report .....	5
Introduction.....	5
State of the art.....	5
Domain 1: Self Sizing and Green PaaS.....	5
Domain 2: Massively Distributed Services.....	5
Domain 3: BI4Cloud.....	5
Domain 4: Massively Distributed Clouds.....	5
Collaborative research projects.....	6
FP7 Open Cloud Europe Strategic Support Action .....	6
Other FP7 projects.....	7
Miscellaneous.....	7
Synergies.....	7
Engineering.....	7
OSCi workshop Beijing (23-24 March) .....	7
OpenStack .....	8
News about the open testbed announced at Santa Clara (TBC).....	8
Wrap up.....	8
CompatibleOne.....	8
Other collaborative projects.....	8
Next meeting:.....	8

## OW2 Open Source Cloudware initiative (OSCi) 2<sup>nd</sup> Workshop: 9 March 2011, Paris

### **Reminder: OSCi mailing list**

- cloud-initiative@ow2.org
- To subscribe: email to sympa@ow2.org with the following subject: SUBscribe cloud-initiative <name>
- To consult archives, login to <http://mail.ow2.org/www> (a password will be delivered when asked to Sympa) and go to cloud-initiative

### **Introduction policy on mailing list**

1. Subscribe to the mailing list
2. Introduce your activities in cloud computing, eventually your road map and introduce your contribution to OSCi

### **Note**

OSCi mailing list is open to any subscriber  
All emails regarding OSCi are circulating via this list.

OW2 Open Source Cloudware initiative (OSCi)  
2<sup>nd</sup> Workshop: 9 March 2011, Paris

**Agenda:**

2:00 – 2:15	Participants welcome and introduction	Jean-Pierre Laisné
2:15 – 2:30	State of the art and competitiveness analysis	Lionel Seinturier
2:30 – 2:40	Domain 1	Alexandre Lefebvre
2:40 – 2:50	Domain 2	Christophe Hamerling
2:50 – 3:00	Domain 3	Stefano Scamuzzo
3:00 – 3:10	Domain 4	Fabienne Boyer and Noël de Palma excused
3:10 – 3:40	Collaborative research projects: Instruments (FP7 Open Cloud Europe Strategic Support Action, and FSN)	Jean-Pierre Laisné
3:40 – 4:00	Coffee Break	
4:00 – 4:45	Synergies (OSCi Workshop in Beijing, Engineering's proposal)	All
4:45 – 5:00	Wrap Up	

## OW2 Open Source Cloudware initiative (OSCi) 2<sup>nd</sup> Workshop: 9 March 2011, Paris

### **Report**

17 OSCi participants joined OSCi workshop at “In the Cloud” at Porte de Versailles in Paris for the 2<sup>nd</sup> OSCi workshop. And despite a very noisy environment, we had very warmful and fruitful debates.

### **Introduction**

JPL introduces the agenda and time frame.

For newcomers, JPL shortly presented OSCi General Presentation and OSCi R&D Agenda.

### **State of the art**

Lionel Seinturier reviewed the status of SOTA and Competitiveness Analysis. He mentioned slow but significant progress and more input from OSCi partners are expected and precisions from Domain 3 (BI4Cloud) about how to use this document.

**Action:** Lionel to send his slides on OSCi mailing list

JPL mentioned that CompatibleOne is producing also evaluation of open source cloud computing components and these evaluations being open, OSCi should benefit also from these findings.

### **Domain 1: Self Sizing and Green PaaS**

Alexandre Lefebvre reported current status of this domain and mentioned significant progress in term of prototype. New collaborative projects and synergies will benefit to domain 1. A first draft written by Benoit Pelletier has circulated and is open for comments.

### **Domain 2: Massively Distributed Services**

Christophe Hamerling presented the current results and exposed the importance of distributed ESB for services based cloud computing to scale up. Christophe also introduced the new architecture for Domain 2.

**Action:** Christophe to send his slides on OSCi mailing list

### **Domain 3: BI4Cloud**

Stefano Scamuzzo made a general presentation of BI4Cloud and explained the stakes and goals of Domain 3 which will provide results quite soon.

### **Domain 4: Massively Distributed Clouds**

Fabienne Boyer and Noël de Palma being excused, this has been the opportunity to introduce our new partner, Guillaume Doyen from Université Technologie de Troyes (UTT) and his specific research domains. There seems to be an opportunity to discuss a Domain on cloud networking or at least to participate to Domain 4.

**Action:** Guillaume Doyen to send his slides on OSCi mailing list

## OW2 Open Source Cloudware initiative (OSCi) 2<sup>nd</sup> Workshop: 9 March 2011, Paris

**Action:** JPL and AL to evaluate if SlapOS would participate on Domain 4

### **Collaborative research projects**

#### ***FP7 Open Cloud Europe Strategic Support Action (SSA)***

After visiting European Commission, the idea of proposing a SSA for Open Cloud sounds relevant. And this has been confirmed by the consensus which has been established with these OSCi partners during the workshop.

OSCi partners volunteering to participate are Fraunhofer Fokus, Engineering, Prologue, Orange, Bull. And Fokus proposed to take the lead of this Support Action: this proposal has been unanimously accepted.

The idea is to propose a SSA to support the emergence of true Open Cloud based on Open Source and Open Standards for technological sovereignty for Europe and other friendly states.

This means that this SSA will have to:

- identify all efforts, initiatives, etc. made in this area
- define an agenda for R&D in the domain. This agenda has to cover technology, security, certification but also policy, regulation and legal framework (see recent EC's declaration about a specific directive)
- encourage collaboration between different initiatives via events, seminars, workshops, etc.
- give food for thoughts to EC
- generate projects for EC's future calls

This support action has to be global and OSCi partners present at this Workshop already identified existing connections:

- in Europe: Germany, Italy, Spain, UK, France
- in Asia: Japan (important for FP7), Korea, China
- in Brazil

We need to set up a consortium representing all these countries with industry (large corp and SMEs), academic players and public administrations.

About deadline, the goal would be to have ideas clear (a detailed slideware) before next call opens (July 2011) so we can have feedback from Rainer Zimmermann's team about such SSA (FP7 about Cloud and Open Source closing in December 2011).

**Action:** Yuri to organize confcalls and meetings in order to establish the foundations of this SSA

*Just a reminder: a SSA cannot benefit to only one partner but to Europe and friendly States as a whole.*

## OW2 Open Source Cloudware initiative (OSCi) 2<sup>nd</sup> Workshop: 9 March 2011, Paris

*So OW2 can be a key partner of the SSA but benefits have to be shared by all (ideally) European citizen, companies, industry players, academics, etc.*

### **Other FP7 projects**

Synergies with Engineering to be pursued, in particular for public administrations.

**Action:** Andrea will provide more information fro potential partners to be able to join

### **FSN (French Fonds national pour la Société Numérique)**

Jean-Pierre Laisné exposed what this French funding program is about.

Alexandre Lefebvre presented the proposed CloudForce project which emerged from OSCi different calls and gather OSCi partners.

This project proposal reflects the efficiency of our collaboration.

This project will also network with all other projects such as CompatibleOne, CONTRAIL, EasiCloud or 4Caast in order to take advantage of all potential synergies.

### **Miscellaneous**

An OSCi fact sheet has been produced and is distributed on the In The Cloud trade show.

**Action:** Partners to the initiative are encouraged to give their comments to this document.

**Action:** AL to ask Catherine Nuel to provide OSCi fact sheet and circulate it on mailing list

### **Synergies**

#### **Engineering**

Andrea did a presentation about Engineering's strategy about cloud computing,

This opened the discussion about the components proposed by Engineering (see Andrea's message on 23 February 2011 10:56)

OSCi partners suggested that the code developed by Engineering should be made available as stand-alone components, which can be integrated in a global framework.

There should also be an exchange between CompatibleOne and Engineering about the ontology coming from CompatibleOne, to make sure that APIs will be "compatible".

**Action:** Andrea to send his slides on OSCi mailing list

**Action:** Andrea to propose description of components which might be reused by OSCi and hosted by OW2

#### **OSCi workshop Beijing (23-24 March)**

JPL recalls the agenda proposed by François Exertier and Minghui Zhou:

- OSCi workshop in Beijing
  - Goal:
    - Make sure that the OSCi SOTA analysis and all OSCi Domain presentations will include proposals from BUAA, PKU, ISCAS (i.e. spend time to synchronize

## OW2 Open Source Cloudware initiative (OSCi) 2<sup>nd</sup> Workshop: 9 March 2011, Paris

with them about the status of OSCi).

- Identify the next steps to integrate work from PKU, ISCAS and BUAA into the OSCi domains. The goal is to integrate this work into the different OSCi Domains.

For detailed agenda, see

<http://www.ow2.org/view/Events/OW2OpenSourceCloudwareinitiativeWorkshopBeijingChina>

### **OpenStack**

- **OpenStack Conference / Design Summit** in April (26-29 April 2011 in Palo Alto)  
OW2 has been invited to present OSCi or CompatibleOne.

For detailed agenda, see

<http://www.openstack.org/blog/2011/01/openstack-conference-design-summit-high-level-agenda/>

**Action:** Need to identify who will present OSCi or CompatibleOne.

**Action:** AL to circulate the information on the list.

### **News about the open testbed announced at Santa Clara (TBC)**

Bret Piatt (OpenStack) will give us soon more information about the "inter-cloud testbed" which is being setup and will be part of the Center for Autonomic Computing <http://www.nsfcac.org/>

### **Wrap up**

All scheduled topics have been discussed in details proving once more that this type of meeting is necessary. We are now counting a lot on Beijing's workshop to generate lots of inputs about projects and their integration in OSCi's R&D Agenda.

### **CompatibleOne**

A bridge needs to be setup between CompatibleOne and OSCi. Jamie proposed to be this bridge.  
*Thanks a lot Jamie.*

### **Other collaborative projects**

Note that similar mechanisms should be setup for all collaborative projects to synchronize efforts within OSCi (4Caast, Contrail, EasiCloud, ...)

### **Next meeting:**

- Next conference calls are planned in April. Here are the proposed dates :

- Mon, 4/4/11 05:00PM CET
- Tue, 4/5/11 11:00AM CET
- Wed, 4/6/11 05:00PM CET
- Thu, 4/7/11 11:00AM CET

OW2 Open Source Cloudware initiative (OSCi)  
2<sup>nd</sup> Workshop: 9 March 2011, Paris

**Agenda:**

- Feedback from OSCi Workshop in Beijing (François Exertier)
- Follow Up 2<sup>nd</sup> OSCi Workshop in Paris
- Follow Up last conference call
- Synergies by domain
- Collaborative projects: status, new projects, SSA, ...

>>>> Please confirm your participation on <http://www.doodle.com/krp3bct7sftg9vwk>