February 14th, 2013 CompatibleOne 2013 & Beyond Workshop

Agenda

CompatibleOne Community Plan

CompatibleOne Road Map

Open Discussion

Next Steps
CompatibleOne is looking for sponsors to establish CompatibleOne as the de facto Cloud Services Brokerage enabler. These sponsors will aim at fostering a vibrant business ecosystem based on the CompatibleOne innovative, robust and flexible technology, taking full advantage of cloud computing while preventing the risks of vendor lock-in.
Enabler for Cloud Services Brokerage

CompatibleOne is your passkey against vendor lock-in
Autonomation

Platform

OO Model

Versatile

All services are processed as objects

OO Language

Scalable

Run time for providers easy to integrate

SLA & Monitoring

Autonomation
Measurable
Audit & Compliance
Interoperable
Any Cloud Service (IaaS, PaaS, SaaS, XaaS)

Trustworthy
Security Services
Flexible
Interfaces for Enterprise services
Disruptive Innovation
Complete IT Automation
Interoperability by Design
Hybrid Enterprise Enabler

If you can describe IT, CompatibleOne can manage it.
The State of Open Cloud

Thinking about deploying an open source cloud in the future:
- Yes: 57%
- No: 43%

Timeframe for deploying an open source cloud:
- Sometime in 2013: 26.8%
- 1 to 2 years: 41.2%
- 2 to 5 years: 25.5%
- Other: 7.5%

Aspects of an open source cloud solution that are most important:
- Quality of community ecosystem: 64.3%
- Quality of commercial support: 33.0%
- Project’s use of a preferred open source license (Apache, GPL, etc.): 52.1%
- Governance Model (not-for-profit, commercial, etc.): 18.2%
- Efficiency and performance of virtualization technology: 75.1%

Decision drivers to migrate to an open source cloud:
- Flexibility: 59.8%
- No Vendor Lock-in: 40.4%
- Savings: 51.3%
- Open Standards and API: 50.7%
- Portability: 43.7%
- Other: 7.9%

Open Cloud’s Future is Bright

57% of respondents said they are thinking of deploying an open source cloud in the future, 41.2% of these expect to do so in 1 - 2 years.

The top 3 aspects of an open source cloud solution deemed most important by respondents include efficiency & performance of virtualization technology (75.1%), project’s use of a preferred open source license (52.1%), and quality of community ecosystem (64.3%).

So … CompatibleOne’s future is bright!
Open source cloud broker
CompatibleOne now seeking users and liquidity

Analyst: William Fellows 12 Feb, 2013 ~ OW2 is shepherding the $13.5m open source cloud broker project coordinated by Bull, featuring automated provisioning and deployment of workloads with governance and security policies.
Foundations

R&D Budget: 10 million Euro
Systematic & SCS, Oseo
Fonds Unique Interministériel,
Région Ile de France,
Conseil Général des Yvelines &
Marie de Paris.

ActiveEon • Bull • CityPassenger
eNovance • Eureva • Inria
Institut Telecom • Mandriva
Nexedi • Nuxeo • OW2
Prologue • Xwiki

Construction of the Statue of Liberty's pedestal
Values

Openness

Transparency

Trustworthiness
Core Team

Convergence

Fair governance

Coherent code base
Infrastructure

Communication

Collaborative Platform

Cloud Platform for CSB
Ecosystem Development

Partnerships

Events & shows

Market education

Cloud Expo Europe London January 29-30 *
CloudScape Brussels February 28
CEBIT Hanover March 5-9 *
Cloud Open Source Paris April 10 *
OpenStack Summit Portland April 15-18
Cloud Expo NYC June 10-13 *
CloudOpen New Orleans September 16-18
EuroCloud Luxembourg October 15-16

* on booth set up by OW2
They support **CompatibleOne**

Plus Talend, OnApp...
Business Ecosystem

Enterprise

Private & Public
Lorg, Smorgs
SME
University
NGO

Open Cloud

IT Vendors
Distributors

Service Providers

Cloud Software
Services Vendors

IT
Communication

Cloud Foundry, OpenShift
Hadoop Ecosystem

OpenStack, OpenNebula, CloudStack
Puppet, Chef, Nagios, Ganglia

aPaaS
Analytics
BPaaS
DevOps
iPaaS
Marketplace
NaaS
Portals
SaaS
Social networks
Platform Development

Road map

Documentation

New services
CompatibleOne
OPEN DISCUSSION
Open Questions

Which ecosystem for CompatibleOne, who are the stakeholders
Which communication for CompatibleOne
Which role for OW2 & OSCi
PaaS (iPaaS, BpaaS)
Big Data as a Service
OO Programming Language
To Compatible One Flight Plan

- Federation
- SLA
- Life Cycle
- Business Behavior
- OpenStack
- Puppet Chef
- Nagios Ganglia
- Manifest Editor
- Dashboard Interface
- Trust Security
- Fault Tolerance
- PaaS
- PaaS
- Jclouds
- Splunk
- Big Data
- Hadoop & Co
Open Questions

How to contribute
Which infrastructure for CompatibleOne
Which synergies with other projects
CompatibleOne & Open Cloud:
  OpenStack, OpenNebula, CloudStack, ...
CompatibleOne & Standards: OCCI, CDMI
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Action Items Ecosystem Development

01. Schedule monthly meetings for 2013 including other projects (JPL)
   Dates of meetings for 2013 (2nd Thursday of each month):
   ☐ 14/03, 11/04, 09/05, 13/06, 11/07, (08/08)
   12/09, 10/10, 14/11, 12/12

02. CompatibleOne Business Case Working Group (JPL)
   Why CompatibleOne, for who, which priority?

03. Clarify OW2 & CompatibleOne Collaboration (JPL / AL)

04. Fundings for events, analysts, etc.: call for project (?) (ALL)

05. Contact SGMAP, CIGREF, CRIP, AFAI, AFDEL, CloudWatt, Numergy, ... (ALL)

06. Logo « Enabled by CompatibleOne » or « Powered by CompatibleOne » (OW2)

AL: Alexandre Lefebvre / JPL: Jean-Pierre Laisné
Action Items Platform Development 1/2

07. CompatibleOne Usability (BULL?)
   Installation, Integration, Documentation, Web

08. Social Network integration to CompatibleOne? (ALL)

09. How to Contribute to CompatibleOne: Guidelines i.e. Process Description (JM)

10. New process to build and install CompatibleOne? (AP / JM / JML)

11. How to use GIT? (JM)
    Collect information from Fabio (Xwiki) & OW2 Technology Council

12. Which Continuous Integration Platform for CompatibleOne?
    Collect information from Florent (Eureva), Guillaume (OW2)

13. Installation of 2nd compute node on OW2 OpenStack (AL / JM): Enovance or TSP
Action Items Platform Development 2/2

14. OW2 OpenStack (AL)
   Infrastructure for Test Dev.
   Plus Test User (Guest/Guest):
      this environment to be cleaned after each test by Guest.

15. Administration of OW2 OpenStack (JPL)
    See with Billel and Djamal if TSP can take it


17. Publication of the CompatibleOne Flight Plan (JM)

18. Structure efforts in sync with the CompatibleOne Flight Plan (JM)
    What, Who, When

19. Placement, SLA, Security, Energy Efficiency, etc.: Discussions to be scheduled (JPL)

FOR OPEN CLOUDS, JOIN CompatibleOne