



PRESS RELEASE – *FOR IMMEDIATE RELEASE*

OW2 Announces CompatibleOne Open Source Cloud Broker White Paper

The white paper provides an overview of the CompatibleOne open cloud broker architecture and introduces its key concepts and four-step functional manifest-to-service provisioning cycle

Paris, France, May 3, 2012 - OW2, the global open source community for open source middleware and generic applications, announced today the publication of the first CompatibleOne white paper. Under the title CompatibleOne Open Source Cloud Broker Architecture Overview, the white paper outlines the four-step functional manifest-to-service provisioning cycle of the CompatibleOne broker, provides an overview of its logical model, introduces its core concepts and describes its communication architecture.

The white paper presents CompatibleOne's four-step functional manifest-to-service provisioning cycle:

- The first step addresses users needs and their requirements that are expressed in what is called the Manifest.
- In the second step, the Manifest is validated for accounting and billing and technical feasibility. The output of the second step is the Provisioning plan which contains information required to achieve the infrastructure described by the user or initiator within the Manifest.
- The third step is the execution of the Provisioning plan by the core engine of the broker which then generates the Provisioning Control Graph.
- In the fourth step, guided by the Provisioning Control Graph, the Broker negotiates with different cloud service providers and engages the resources to be delivered to the user in the form of the Service.

“This white paper clearly defines the role of the open source cloud broker in the cloud computing environment” comments Jean-Pierre Laisne, Bull Open Source Strategist and leader of the CompatibleOne project, “the CompatibleOne team is proud to demonstrate that interoperability and portability of workloads are not an issue anymore and that vendor lock-in can be avoided,” he adds.

An open source collaborative project based on open standards, in particular the Open Cloud Computing Interface (OCCI), CompatibleOne provides support for interoperability, portability and reversibility. In CompatibleOne, models and documents are shared by developers and operators, customers and vendors in the form of a Manifest, it is a blueprint for developers, operators and DevOps.

About CompatibleOne

CompatibleOne develops the first industry-grade open source cloud broker. It addresses the need for interoperability in the field of Cloud Computing. CompatibleOne is an open source collaborative project supported by 14 partners; it is open to any partner wishing to contribute efforts and tools for the building of an open cloud infrastructure based on open standards. The CompatibleOne platform fully leverages the Open Cloud Computing Interface (OCCI), it is aligned with the Cloud Computing Reference Architecture2 of the National Institute of Standards and Technology (NIST) and is part of the OW2 Open Source Cloudware initiative (OSCi). Visit www.compatibleone.org

About OW2

Founded in January 2007, OW2 is a global independent industry community dedicated to developing open source code infrastructure (middleware and generic applications) and to fostering a vibrant community and business ecosystem. The OW2 Consortium hosts some one hundred technology projects, including ASM, Bonita, eXo Platform, JOnAS, Orbeon Forms, PetALS, SpagoBI and XWiki. Visit www.ow2.org

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