

Press release FOR IMMEDIATE RELEASE

At OSCON, the OW2 community showcases OpenCloudware, a comprehensive open source multi-iaaS application management platform

OpenCloudware enables DevOps to overcome the challenge of deploying distributed applications over multiple IaaS platforms in hybrid cloud computing environments

OSCON, Portland, OR, July 20, 2014 – OW2, the global community for open source infrastructure software showcases OpenCloudware an ambitious open source R&D project aimed at allowing DevOps to model distributed applications over several virtual machines, to assemble them, build, deploy and operate them on multiple IaaS, the whole process being IaaS-agnostic.

OpenCloudware addresses the multi-IaaS challenge and develops solutions for the management of the life-cycle of complex distributed applications running on the cloud, from the development of the application to its provisioning and its operation over multiple IaaS platforms. More concretely, OpenCloudware provides:

- a portal allowing users to create applications,
- tools for automating tests and integration,
- automated VM image generation,
- deployment over multiple IaaS,
- virtual application management

OpenCloudware currently supports the following IaaS platforms: OpenStack via ow2stack; VMware vCloud Director; Amazon EC2. Recent developments are extending the project with the integration of new functions such as SLA management, metering and accounting, continuous integration, dynamic VM image generation and the support for a greater number of IaaS technologies.

After two and a half years of development, the project is now able to demonstrate its first platform. A five-minutes demo illustrates how to deploy several nodes on two different cloud infrastructures: enocloud and ow2stack. The demonstration is available at: https://www.youtube.com/watch?v=jC_T9x1BQVE. The Opencloudware global architecture is explained in details in a white paper available at <http://www.opencloudware.org>.

OpenCloudware is an open source collaborative R&D project where OW2 is responsible for the dissemination and for providing the OpenStack ow2stack testbed infrastructure. Representatives of OpenCloudware and OW2 will be at booth #4 in the non-profit pavilion. Other open source projects from the OW2 code base will be represented on this booth. SpagoBI Labs will be there to present the recent Big Data initiative and the novelties of the upcoming version 5 of SpagoBI suite - one of the top downloaded projects of OW2.

About OW2

OW2 is an 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, CLIF, CompatibleOne, CONTRAIL, Emerginov, eXoPlatorm, DocDoku, JOnAS, JORAM, Nanoko, Petals ESB, OpenCloudware, ProActive, Sirocco, Spagic, SpagoBI, Talend Open Studio, WebLab, XLcloud and XWiki.

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