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# OASIS to Standardize Cloud Application Management for Platforms (CAMP)

Cloudsoft, Fujitsu, JumpSoft, Oracle, Red Hat, Software AG, Standing Cloud, US Department of Defense, and Others Advance Interoperability Standard for Managing and Migrating PaaS Applications

*12 November 2012* ? The OASIS international consortium has launched the Cloud Application Management for Platforms (CAMP) Technical Committee, a project to define the interoperability standard for managing applications in Platform as a Service (PaaS) environments. CAMP will leverage similarities between commercial and open-source PaaS products to produce a simple API that is language-, framework-, and platform-agnostic. Using CAMP, companies will be able to migrate their cloud applications from one PaaS vendor to another by mapping the requirements of applications to the specific capabilities of the underlying platform.

"Companies are starting to experiment with PaaS, but even as they do, it becomes clear that variations between the vendors' application interfaces will make it hard to move applications from platform to platform. That looks a lot like vendor lock-in, and it's putting customers off," said Rachel Chalmers, VP of Research at The 451 Group. "It is encouraging to see that this issue has been grasped by the vendor community and is being addressed within the OASIS framework."

"CAMP's goal is to define a simple standard RESTful API along with a JSON-based protocol, with an extensibility framework that enables interoperability across multiple vendors' offerings. Using CAMP, users can manage their application lifecycles and move applications between clouds easily," said Martin Chapman of Oracle, chair of the OASIS CAMP Technical Committee. "We expect CAMP to foster an ecosystem of common tools, plugins, libraries and frameworks, which will allow vendors to offer greater value-add."

Work on CAMP was initiated in late 2010 by a group of seven companies, Oracle, Red Hat, Rack-space, Cloudsoft, Huawei, CloudBees, and Software AG. They transitioned the project to OASIS in order to ensure CAMP would benefit from broad industry participation in an open, collaborative setting.

"CAMP is one of several new Cloud standardization projects at OASIS that make use of JSON and REST," noted Laurent Liscia, OASIS executive director and CEO. "We see the standardization of CAMP as an important step in guiding the industry into an ecosystem of interoperable and portable cloud systems."

The CAMP Technical Committee is open to all interested parties, and new members are encouraged to join at any time. Archives of the work are accessible to both members and non-members, and OASIS invites public review and comment on the work.

## Support for CAMP

[Cloudsoft](#) [1]

"Enterprises are getting serious about hybrid cloud computing ? combining their on-premise capability with cloud service provider offerings. Enterprises are also zeroing in on PaaS ? cloud middleware if you will ? as the most effective way of exploiting cloud. However, to de-risk their hybrid cloud strategy and avoid PaaS lock-in, they view genuine multi-cloud support as absolutely essential and the work of the OASIS CAMP TC as critical, since cloud-agnostic application management is the key to cloud interoperability."

-- *Duncan Johnston-Watt, CEO*

#### [JumpSoft](#) [2]

"Organizations clearly desire better cloud portability, usability and interoperability for PaaS environments. JumpSoft is committed to supporting open standards in our application management products. CAMP provides a standard API for cloud application management solutions to ensure customers will have a choice in their cloud technology and services."

-- *David Sawyer, CEO*

#### [Oracle](#) [3]

"As part of the OASIS Technical Committee for CAMP, Oracle looks forward to continuing to help define a simple REST-based approach for management of cloud-based applications. In addition, CAMP can provide a framework for extensibility to support the evolution of products, while enabling portability across clouds and compatibility with PaaS-aware and PaaS-unaware application development environments."

-- *Jeff Mischinsky, senior director, Oracle Fusion Middleware*

#### [Software AG](#) [4]

"As a Sponsor member of OASIS, Software AG welcomes the formation of the CAMP Technical Committee. As a co-author of the CAMP specification, we hope our contributions to this TC effort will serve to advance CAMP as a standard that is broadly adopted, enabling interoperability between vendor products while offering increased choice for customers. We are excited about the emerging standards efforts in the Cloud space, that is expected to transform the way business is done in the future."

-- *Prasad Yendluri, VP & Deputy CTO*

#### [Standing Cloud](#) [5]

"Standing Cloud is committed to helping cloud customers avoid lock-in, so that they can leverage the cloud without limiting their future options. Industry standards are the most powerful way to ensure this flexibility for the long term, and we are enthusiastic about our participation in the OASIS CAMP Technical Committee to help realize that vision."

-- *David J. Jilk, CEO*

### **Additional information:**

OASIS CAMP Technical Committee

<http://www.oasis-open.org/committees/camp/>

### **About OASIS:**

OASIS (Organization for the Advancement of Structured Information Standards) is a not-for-profit, international consortium that drives the development, convergence and adoption of open standards for the global information society. OASIS promotes industry consensus and produces worldwide standards for cloud computing, content technologies, business transactions, security, privacy, SOA, the Smart Grid, emergency management, and other applications. OASIS open standards offer the potential to lower cost, stimulate innovation, grow global markets, and protect the right of free choice of technology. OASIS members broadly

represent the marketplace of public and private sector technology leaders, users, and influencers. The consortium has more than 5,000 participants representing over 600 organizations and individual members in 100 countries.

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**Links:**

- [1] <http://www.cloudsoftcorp.com/>
- [2] <http://www.jumpsoft.net/>
- [3] <http://www.oracle.com/>
- [4] <http://www.softwareag.com/>
- [5] <http://www.standingcloud.com/>