Companies Demonstrate Interoperability of OASIS TOSCA Standard for Cloud Portability and Lifecycle Management at OSCON

20 July 2015 - The OSCON open source conference features the second public interoperability demonstration of the OASIS TOSCA (Topology and Orchestration Specification for Cloud Applications) standard, featuring products from Fujitsu, IBM, Gigaspace, and Vnomic. By defining the interoperable description of cloud-hosted services and applications (including their components, relationships, dependencies, requirements, and capabilities), TOSCA enables portability and automated management across cloud providers, regardless of underlying platform or infrastructure. TOSCA expands customer choice, improves reliability, and reduces cost and time-to-value, facilitating the agile, continuous delivery of applications (DevOps) across their entire lifecycle.

OSCON also features two sessions where developers gain insight into how TOSCA can be used in their open source environments. At a Birds-of-Feather session on Monday, OASIS TOSCA Technical Committee representatives from CA Technologies, Fujitsu, Gigaspace, and IBM, discuss how TOSCA gives developers the ability to describe topologies and interconnectivity between containers, VM and server-hosted components, and existing endpoints and services, enabling the automated deployment and scaling of sophisticated application services and making container topologies (such as Docker) more portable.

A second OSCON session focuses on implementing TOSCA using the OpenStack platform, TOSCA-Heat Translator project, as an example.

The OASIS TOSCA Technical Committee is one of the largest in OASIS history, with over 175 representatives from over 45 leading IT solution vendors, cloud service providers, customers, and academic institutions.

About OASIS

OASIS (Organization for the Advancement of Structured Information Standards) is a nonprofit, 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, security, business transactions, electronic publishing, Smart Grid, 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 65 countries. http://www.oasis-open.org.