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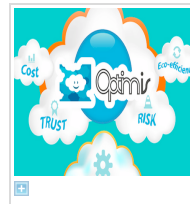# EU PROJECT ENHANCES OPEN SOURCE TOOLKIT FOR THE CLOUD

Announcement: OPTIMIS project now on phase three which provides service providers with plug-ins for open cloud as project nears its end

28 June 2013 by DatacenterDynamics FOCUS

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The OPTIMIS project, which received €10.5m of EU funding for research and development under the Software and Services Architectures and Infrastructures track under the 7th Framwork, has announced the third version of its open source toolkit designed to help European service providers build and run applications in the Cloud.

Consortium members for OPTIMIS – a project led by IT services company Atos – includes 451 Research, City University London, BT Group, Unversitat Stuttgart, the Barcelona Supercomputing Center, University of Leeds and SAP, among others.

The team behind OPTIMUS said new features include a user interface, an infrastructure dashboard and plug-ins for the open source cloud computing toolkit OpenNebula and the Infrastructure-as-a-Service cloud computing project OpenStack.

As the EU's three-year OPTIMIS project nears completion - and having achieved its original goals - the toolkit is now being integrated into the OpenNebula Ecosystem. The code is also on the Github open source repository.

Each open software tool has an owner with a commitment to post-project support as OpenNebula developers ensure the continued enhancement of the OPTIMIS toolkit as it is folded into the organizations' respective standards for open source industry standard cloud solutions.

"The previous version of the toolkit, which went live about a year ago, was downloaded dozens of times. Now with this new version the project team has added new features and ensured the longevity of the EU's investment," said Csilla Zsigri, director of consulting services EMEA, at 451 Research and project spokesperson.

"The availability of the OPTIMIS toolkit is pertinent as we witness the increasing demand for multi-clouds and hybrid set-ups.

"End-user organizations are now seeking new ways automate the delivery of workloads and applications to the most appropriate cloud environments, be it internal or external, and whether it is determined by performance, risk, location and compliance or other SLA parameters. We trust OPTIMIS will encourage more European SMBs to create and use new cloud applications and services."

OPTIMIS is a cloud-enabling technology designed to optimize the provision of cloud infrastructure services. The OPTIMIS tools are deployed in the data center and complement cloud management and orchestration platforms.

The optimization covers the full cloud service lifecycle including service construction, deployment and operation.

OPTIMIS said it gives service providers the capability to easily orchestrate cloud services from scratch, run legacy apps on the cloud and make intelligent deployment decisions based on their or their customers' preference regarding trust, risk, eco-efficiency and cost (TREC).

It supports end-to-end security and compliance with data protection and green legislation. It also gives service providers the choice of developing once and deploying services across all types of cloud environments – private, hybrid, federated or multi-clouds.

OPTIMIS said it also simplifies the management of infrastructures by automating most processes while retaining control over the decision-making for more efficient use of resources.

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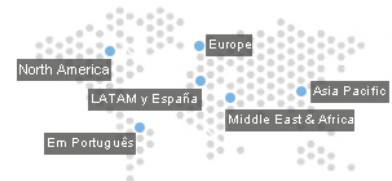
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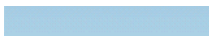Read More...

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