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Cloud Optimizer Installation Guide

Activity 4: Basic Service Operation

WP 4.2: Cloud Runtime Optimization

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Dissemination Level

PU	Public	X
PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group specified by the consortium (including the Commission)	
CO	Confidential, only for members of the consortium (including the Commission)	



Version History

Version	Date	Comments, Changes, Status	Authors, contributors, reviewers
0.1	2013-03-31	First version	Mario Macías (BSC)
0.2	2013-04-10	Final version ready for submission	J. Oriol Fitó (BSC)
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1 Introduction

This document includes the installation guide for the software component Cloud Optimizer.

Section 2 includes information about the current release of this component, its platforms supported as well as its software and dependency requirements. Moreover, Section 2 details the required steps to install it in the system and test it.

1.1 Glossary of Acronyms

Acronym	Definition
GPL	General Public License
JAR	Java ARchive
REST	Representational State Transfer
WAR	Web Application Archive

Table 1 - Acronyms table



2 Cloud Optimizer Installation Guide

2.1 Release information

Component Name	Release Number	Release Date
Cloud Optimizer	1.0-SNAPSHOT	2012-04-30

Table 2 – Release information

2.2 Platforms Supported

The component is platform independent.

2.3 Software Pre-requisites and Dependencies

Product	Version	Licence
VM Manager REST Client	1.0-SNAPSHOT	GNU Lesser General Public License
Elasticity Engine	0.0.1-SNAPSHOT	GNU Lesser General Public License
Fault Tolerance Engine REST Client	1.0-SNAPSHOT	GNU Lesser General Public License
Service Manager REST Client	0.4-SNAPSHOT	GNU Lesser General Public License
Infrastructure Provider Risk Assessment Framework	1.0-SNAPSHOT	GNU Lesser General Public License
Cost Assessment Tool	0.1	GNU Lesser General Public License
Eco-efficiency Assessment Tool REST Client	1.0-SNAPSHOT	GNU Lesser General Public License
Trust Framework Clients	2.0-SNAPSHOT	GNU Lesser General Public License
Service Deployer	1.0-SNAPSHOT	GNU Lesser General Public License
Java	1.6	GPL
Java-server	1.6	GPL
Java-core	1.6	GPL
JAXB API	2.1	GPL
Apache Tomcat	6.0.32 or higher	Apache License Version 2
Log4j	1.2.14	Apache License Version 2
EMOTIVE Commons	1.0-SNAPSHOT	GNU Lesser General Public License 2.1
EMOTIVE OVFWrapper	1.0-SNAPSHOT	GNU Lesser General Public License 2.1

Table 3 - Software dependencies



2.4 Installation Instructions

This component is distributed as a web application (WAR file). The only installation step needed is to deploy such file into an application server. Such web application can be found into the [project's repository: http://optimis-artifactory.atosorigin.es/artifactory/repo/eu/optimis/CloudOptimizerREST/1.0-SNAPSHOT/CloudOptimizerREST-1.0-SNAPSHOT.war](http://optimis-artifactory.atosorigin.es/artifactory/repo/eu/optimis/CloudOptimizerREST/1.0-SNAPSHOT/CloudOptimizerREST-1.0-SNAPSHOT.war)

2.5 Getting started

2.5.1 Using the Software

See user manual.

2.5.2 Testing the Software

See user manual.

2.5.3 Configuration

See user manual

2.6 FAQ

N/A