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VM Manager 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
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1 Introduction

This document includes the installation guide for the software component VM Manager.

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
EMOTIVE	Elastic Management Of Tasks In Virtualized Environments
GPL	General Public License
JAR	Java ARchive
REST	Representational State Transfer
VM	Virtual Machine
WAR	Web Application Archive

2 VM Manager Installation Guide

2.1 Release information

Component Name	Release Number	Release Date
VM Manager	3.0	2013-03-31

2.2 Platforms Supported

The component is platform independent.

2.3 Software Pre-requisites and Dependencies

Product	Version	Licence
CloudOptimizerRESTClient	1.0-SNAPSHOT	GNU Lesser General Public License
DataManagerClient	0.2-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 VRMMScheduler	1.0-SNAPSHOT	GNU Lesser General Public License 2.1
EMOTIVE OVFWrapper	[2.0.0,)	GNU Lesser General Public License 2.1

Table 1 Software dependencies

Those pre-requisites can be solved by using the libraries provided to use those components. The maven configuration of this component automatically downloads all those libraries (including components from both OPTIMIS and EMOTIVE)

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/VMManagerREST/1.0-SNAPSHOT/VMManagerREST-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