Private Public Partnership Project (PPP)

Large-scale Integrated Project (IP)

D.17.3.2: FIWARE Software Release (Security Chapter)

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1 Introduction

1.1 Executive Summary

This document accompanies Release 5 of FIWARE and provides a summary of the software implementations and related manuals associated to the Generic Enablers in the Security chapter.

1.2 Approach of this Report

This report is formally formulated as focused on the software as such. However, we have decided to concentrate additional pointers to other results of the project strongly bound to the software release: *Installation & Administration manual* and *User & Programmers manual*.

The core deliverables of Release 5 are actually the information linked from the summary tables to the different resources that we offer as Release 5 to the outside world. The goal is to have software that is useful, functional and presented in a modern and appealing fashion. In other words, we do not focus on producing lengthy documents, what matters and makes a difference is whether such resources have the potential to attract a vibrant community and make it credible that we have prospects to allow adoption and widespread awareness of a platform that is perceived as serious and robust.

There are lower detail documents associated to the releases on GitHub such as Release Notes and Change Logs. These are deliberately not appended to this document to keep it short and focused. In any case, they are publicly available and any prospective adopters will find them once they visit GitHub and download the software for a more thorough study.

In the light of this, the aim of this document is to serve as a rough guide to the results delivered with Release 5 with brief tables that contain the essential pointers.

1.3 Intended Audience

This document is mainly oriented to provide an orderly report to the EC but it could be occasionally used by other actors in the FIWARE ecosystem who may profit from an overview of Release 5 in a summarized manner. The developers and potential adopters should normally use the catalogue and our public resources to gain access to this information in a more online fashion.

At the end of the day, this is a snapshot of the software delivered but the various repositories that we present in this document are evolving all the time with new releases and changes that are up to date on GitHub, Read the Docs, Apiary, ...

1.4   Changes History

Release	Major changes description	Date	Editor
v1.0	Consolidated version	2016-10-08	P. Bisson (TS)
v1.1	Fixed authzforce github repository link	2016-10-27	C. Dangerville (TS)

1.5   Table of Contents

2 Summary of Release 5

The following table provides the links to the most relevant materials associated to the FIWARE Software Release 5

GE Name	GE implementation	FIWARE Partner	GitHub Release for R5	Software repository	Installation and Administration Guide	User and Programmers Guide
Identity Management	KeyRock	UPM	https://github.com/ging/fiware-idm/releases/tag/v5.4.0	https://github.com/ging/fiware-idm	http://fiware-idm.readthedocs.io/en/v5.4.0/admin_guide.html	http://fiware-idm.readthedocs.io/en/v5.4.0/user_guide.html
PEP Proxy	Wilma	UPM	https://github.com/ging/fiware-pep-proxy/releases/tag/5.4	https://github.com/ging/fiware-pep-proxy	http://fiware-pep-proxy.readthedocs.io/en/5.4/admin_guide/	http://fiware-pep-proxy.readthedocs.io/en/5.4/user_guide/
Authorization PDP	AuthZForce	TS	https://github.com/authzforce/server/releases/tag/release-5.4.1	https://github.com/authzforce/server	http://authzforce-ce-fiware.readthedocs.io/en/release-5.4.1c/InstallationAndAdministrationGuide.html	http://authzforce-ce-fiware.readthedocs.io/en/release-5.4.1c/UserAndProgrammersGuide.html

3 Complementary information

To provide a complete and brief overview of the landscape of the FIWARE resources this section lists additional pointers to repositories that all the adopters of FIWARE should be able to find and exploit.
All of them can be found following links from the website www.fiware.org.

Resource	Location	Description
FIWARE Catalogue	http://catalogue.fiware.org/	Repository of dedicated pages per GE implementation that contain all the pointers with relevant information relevant to understand them work with them.
FIWARE Academy	http://edu.fiware.org	Educational resources for the FIWARE technology
FIWARE wiki	http://wiki.fiware.org	Collaborative workspace used by the FIWARE partners to collect and share information. The catalogue contains direct links to the most relevant wiki pages for each GE. For newbies we suggest the approach of exploring the catalogue to find the links you look for instead of navigating the wiki directly.
FIWARE Lab	http://lab.fiware.org	Environment to experiment with FIWARE. Play with FIWARE using the self-deployment facilities in our free sandbox and see how our technologies can help you.
FIWARE Open Specs	http://wiki.fiware.org/Summary_of_FIWARE_Open_Specifications	High level description of the Open Specifications of the FIWARE GEs
FIWARE detailed APIs	http://wiki.fiware.org/Summary_of_FIWARE_API_Open_Specifications	Detailed description of the APIs in the Open Specifications
Stack OverFlow (SOF)	http://stackoverflow.com/	We accept public tickets of technical nature if tagged with one of the designated

		labels (*fiware*, *fiware-orion*, *fiware-wirecloud*, …).
FIWARE Q&A	http://ask.fiware.org	Q&A knowledge base. This repository accepts any type of questions, ranging from general FIWARE concepts not bound to a GE to low level technical details. Concrete questions on particular GEs or GEris can be asked here.