Portuguese **Distributed Computing** Infrastructure

Initial Documentation Materials (Mi8.1)

Execution report

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Date	Author	Comments
23-mar-2018	Catarina Ortigão	Doc preparation. Introduction
18-apr-2018	Jorge Gomes	Updated version

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Introduction

The National Distributed Computing Infrastructure (INCD) aims to be a digital research infrastructure of reference that will provide computing and data services to the national scientific and academic community in all domains.

Performing pilots in partnership with user communities requires a component of knowledge transfer, and support for the exploitation of the INCD experimental services. The pilots may have very different requirements and levels of complexity. These will be met using one or more services in combination. It may also require the orchestration of different resources, or creation of complex flows. The services available may only be national or may require access to infrastructure in other countries (e.g. digital or non-digital). This activity aims to ensure that the pilots will be backed by a solid base of knowledge. This knowledge should enable an effective and successful exploitation of the infrastructure capacity. Thus contributing to the consolidation and success of INCD. Coordination of consultancy and training will be performed closely with activity 4 (pilots).

Sub-task 1 - Development of materials

Training and supporting materials for the pilots will developed and/or improved. These materials will provide information about the INCD infrastructure services, capabilities and procedures. These materials may be made available in several formats to support different channels such as: wikis, slides or video.

This report is for the project's milestone **Mi8.1- Consulting and Training, development of materials**, and provides evidence that this task/milestone has been done and is complete.
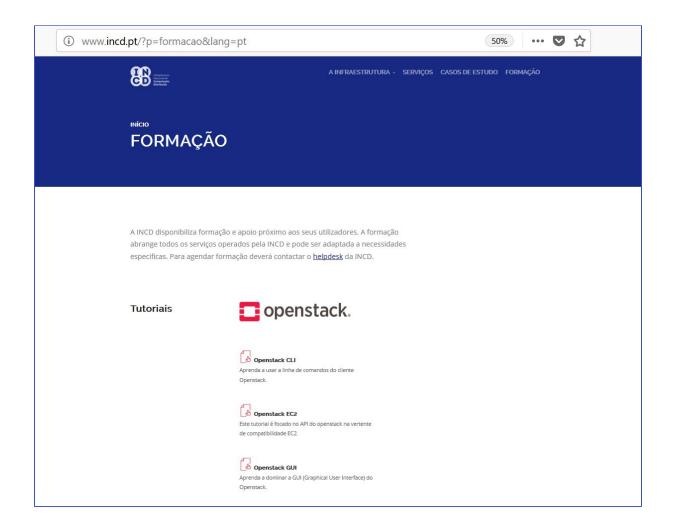
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Development of Materials

The INCD web site at https://www.incd.pt has been expanded to include a training section. The first set of training materials available at the site is depicted below and includes cloud computing training materials addressing the use of the INCD IaaS cloud infrastructure and covering the following three main topics:

- Openstack usage through the Command Line Interface (CLI)
- Openstack usage exploiting the EC2 Application Programming Interface (API)
- Openstack usage through the web Graphical User Interface (GUI)