

# **EMBRACE-EGEE Tutorial**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Introduction

*Monday, 9 October 2006 13:00 (15 minutes)*

**Session Classification:** Introduction and overview

Contribution ID: 2

Type: **not specified**

## Overview of the gLite middleware

*Monday, 9 October 2006 13:15 (45 minutes)*

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** Introduction and overview

Contribution ID: 3

Type: **not specified**

## **Authorization and Authentication in gLite**

*Monday, 9 October 2006 14:00 (1 hour)*

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** Introduction and overview

Contribution ID: 4

Type: **not specified**

## **Set up of a User Interface by each trainee**

*Monday, 9 October 2006 17:00 (1h 30m)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** UI Installation and Configuration / Hands on

Contribution ID: 5

Type: **not specified**

## UI installation, configuration and testing

*Monday, 9 October 2006 15:30 (1h 30m)*

Setup the default VO and the default WMPProxy Server.

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** UI Installation and Configuration / Hands on

Contribution ID: 6

Type: **not specified**

## Yam / Hands-on

*Tuesday, 10 October 2006 08:30 (2 hours)*

Creation of a APT Repository.

**Primary author:** PLATANIA, G. (INFN - Catania)

**Presenter:** PLATANIA, G. (INFN - Catania)

**Session Classification:** Automatic installation tools

Contribution ID: 7

Type: **not specified**

## Yaim / Hands-on

*Tuesday, 10 October 2006 11:00 (2 hours)*

HowTo about to install and configure a grid node using the YAIM tool.

**Primary author:** PLATANIA, G. (INFN - Catania)

**Presenter:** PLATANIA, G. (INFN - Catania)

**Session Classification:** Automatic installation tools



Contribution ID: 8

Type: **not specified**

## **VOMS installation, configuration and testing**

*Tuesday, 10 October 2006 14:00 (1 hour)*

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** Authorization and authentication

Contribution ID: 9

Type: **not specified**

## **My Proxy Server installation, configuration and testing**

*Tuesday, 10 October 2006 16:30 (1 hour)*

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** Authorization and authentication

Contribution ID: **10**

Type: **not specified**

## **Set up of a VOMS Server by each trainee**

*Tuesday, 10 October 2006 15:00 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Authorization and authentication

Contribution ID: 11

Type: **not specified**

## **Set up of a MyProxy Server by each trainee**

*Tuesday, 10 October 2006 17:30 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Authorization and authentication

Contribution ID: 12

Type: **not specified**

## **Computing Element installation, configuration and testing**

*Wednesday, 11 October 2006 08:30 (1h 30m)*

qsub, pbsnodes, globus-job-run, edg-job-submit

**Primary author:** PLATANIA, G. (INFN - Catania)

**Presenter:** PLATANIA, G. (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 13

Type: **not specified**

## **LFC File catalog installation, configuration and testing**

*Wednesday, 11 October 2006 16:30 (1 hour)*

Test *lfc- and leg-* commands

**Primary author:** RICCIARDI, G. M. (INFN - Catania)

**Presenter:** RICCIARDI, G. M. (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 14

Type: **not specified**

## **Worker Node installation, configuration and testing**

*Wednesday, 11 October 2006 10:00 (1 hour)*

**Primary author:** PLATANIA, G. (INFN - Catania)

**Presenter:** PLATANIA, G. (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 15

Type: **not specified**

## Set up of a Worker Node by each trainee

*Wednesday, 11 October 2006 12:00 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Grid Elements



Contribution ID: 16

Type: **not specified**

## Set up of a DPM by each trainee

*Wednesday, 11 October 2006 15:00 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 17

Type: **not specified**

## **Set up of a LFC File Catalogt by each trainee**

*Wednesday, 11 October 2006 17:30 (1 hour)*

**Session Classification:** Grid Elements

Contribution ID: **18**

Type: **not specified**

## **Set up of a Computing Element by each trainee**

*Wednesday, 11 October 2006 11:30 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 19

Type: **not specified**

## **DPM installation, configuration and testing**

*Wednesday, 11 October 2006 14:00 (2 hours)*

File system generic tests, globus-url-copy, lcg-\*

**Primary author:** RICCIARDI, G. M. (INFN - Catania)

**Presenter:** RICCIARDI, G. M. (INFN - Catania)

**Session Classification:** Grid Elements

Contribution ID: 20

Type: **not specified**

## **Information System: installation, configuration and testing**

*Thursday, 12 October 2006 08:30 (1 hour)*

Testing using ldapsearch, lcg-info and lcg-infosites commands

**Primary author:** PLATANIA, G. (INFN - Catania)

**Presenter:** PLATANIA, G. (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 21

Type: **not specified**

## **Set up of a MON Box by each trainee**

*Thursday, 12 October 2006 14:30 (30 minutes)*

**Session Classification:** Central Elements

Contribution ID: 22

Type: **not specified**

## **Set up of a WMS by each trainee**

*Thursday, 12 October 2006 17:30 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 23

Type: **not specified**

## **FTS (File Transfer System) Server + testing**

*Thursday, 12 October 2006 11:00 (1 hour)*

Channel configuration and testing

**Primary author:** RICCIARDI, G. M. (INFN - Catania)

**Presenter:** RICCIARDI, G. M. (INFN - Catania)

**Session Classification:** Central Elements



Contribution ID: 24

Type: **not specified**

## **MON Box installation + testing**

*Thursday, 12 October 2006 14:00 (30 minutes)*

**Primary author:** RICCIARDI, G. M. (INFN - Catania)

**Presenter:** RICCIARDI, G. M. (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 25

Type: **not specified**

## **WMS installation, configuration and testing**

*Thursday, 12 October 2006 16:00 (1h 30m)*

edg-job-submit, log files, Sandbox dir, troubleshooting

**Primary author:** LA ROCCA, G. (INFN - Catania)

**Presenter:** LA ROCCA, G. (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 26

Type: **not specified**

## **Set up of a Information System by each trainee**

*Thursday, 12 October 2006 09:30 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 27

Type: **not specified**

## **Set up of a FTS Server by each trainee**

*Thursday, 12 October 2006 12:00 (1 hour)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Central Elements

Contribution ID: 28

Type: **not specified**

## Final Exercise

*Friday, 13 October 2006 08:30 (2 hours)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Autonomous session

Contribution ID: 29

Type: **not specified**

## **Set up of a grid node with Yaim by each trainee**

*Friday, 13 October 2006 11:00 (2 hours)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Autonomous session

Contribution ID: **30**

Type: **not specified**

## **Further handson session about howto install and configure a grid-node**

*Friday, 13 October 2006 14:00 (4 hours)*

**Primary author:** ALL (INFN - Catania)

**Presenter:** ALL (INFN - Catania)

**Session Classification:** Autonomous session