

StratusLab Cloud Training

Rapport sur les contributions

ID de Contribution: **0**

Type: **Non spécifié**

Introduction to Cloud Technology

jeudi 17 novembre 2011 09:30 (30 minutes)

General introduction to cloud computing and to the StratusLab project.

Classification de Session: Session 1

ID de Contribution: **1**

Type: **Non spécifié**

Registration Procedure

jeudi 17 novembre 2011 11:00 (20 minutes)

Registering with the cloud infrastructure. You will need to have access to your mail to complete the registration.

Classification de Session: Session 2

ID de Contribution: 2

Type: **Non spécifié**

Installation of Command Line Interface

jeudi 17 novembre 2011 11:20 (30 minutes)

Classification de Session: Session 2

ID de Contribution: 3

Type: **Non spécifié**

Browsing the Marketplace

jeudi 17 novembre 2011 14:30 (30 minutes)

See what virtual machine images are available in the StratusLab Marketplace.

Classification de Session: Session 3

ID de Contribution: 4

Type: **Non spécifié**

Virtual Machine Management

jeudi 17 novembre 2011 15:00 (1 heure)

- standard lifecycle
- adding tags/names to instances
- different resource (CPU, RAM, swap) sizes for instances
- getting error information
- notification of state changes
- network configuration (public, local, private examples)
- using jclouds interface

Classification de Session: Session 3

ID de Contribution: 5

Type: **Non spécifié**

Data (Disk) Management

vendredi 18 novembre 2011 09:00 (1 heure)

- volatile disk for temporary space
- static disk for “fixed” databases
- persistent disk for persistent data
- full lifecycle of disk
- attach at launch time (try to attach twice)
- dynamic attach/detach (warnings on acpi)
- run instance from persistent disk
- splitting state from VM for services

Classification de Session: Session 5

ID de Contribution: 6

Type: **Non spécifié**

Image Creation

vendredi 18 novembre 2011 12:00 (1 heure)

stratus-create-image command

- * metadata creation/signing

- * upload to marketplace

- * deprecated image/replacement image

- * verification that deprecated image doesn't run

Classification de Session: Session 6

ID de Contribution: 7

Type: **Non spécifié**

StratusLab Installation

vendredi 18 novembre 2011 14:30 (1 heure)

Installation of a minimal StratusLab cloud using the scripted manual installation method.

Classification de Session: Session 7

ID de Contribution: 8

Type: **Non spécifié**

Complex Deployments

Often the cloud is used to deploy multi-machine services. This section will discuss various services to deploy full computing clusters, Hadoop clusters, and grid services. The Claudia and SlipStream services will be used to see how such deployments can be automated.

ID de Contribution: **9**

Type: **Non spécifié**

Discussion & Feedback

vendredi 18 novembre 2011 16:00 (1 heure)

<p> Discussion of porting applications to the cloud. <p> Feedback from attendees.

Classification de Session: Session 8

ID de Contribution: **10**

Type: **Non spécifié**

StratusLab Cloud Distribution

jeudi 17 novembre 2011 10:00 (30 minutes)

Classification de Session: Session 1

ID de Contribution: **11**

Type: **Non spécifié**

VM Network Isolation

jeudi 17 novembre 2011 17:00 (20 minutes)

Classification de Session: Session 4

ID de Contribution: **12**

Type: **Non spécifié**

Contextualization

jeudi 17 novembre 2011 17:20 (20 minutes)

Classification de Session: Session 4