Simplicity
Control
Freedom

Follow a **simple installation** procedure to use StratusLab with your existing hardware to **create a cloud.**

Keep it private, or allow **secure access** with X.509 **grid-compatible** access control.

Control and **monitor** your infrastructure-as-a-service cloud designed to run **grid** services and other demanding applications.

Freely manage and **customize** virtual computing environments for your **complex** applications.

For a StratusLab test drive, email **support@stratuslab.eu** to request an account on our cloud infrastructure.

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7 CAPACITIES

StratusLab

Enhancing **Grid**
Infrastructure
with **Virtualization**
and **Cloud**
technologies

Open
Source
Cloud
distribution

Grids support **sharing resources** and expertise through VOs, and offer a uniform **security** model. However, developing and running applications on a grid can be complex.

Clouds allow **dynamic allocation** of resources through **simple interfaces** and support **complete customization** of the application environment.

StratusLab draws on the strengths of both **grid** and **cloud** technologies to offer a cloud solution that meets the needs of computational researchers and systems administrators.

Features

- Full **production-ready** cloud distribution
- **OpenNebula** virtual infrastructure manager
- Claudia platform service management for **dynamic service provisioning and scalability**
- **Marketplace** which allows user communities to create, find and share **customised virtual machine images**. Starter images with common OS's are available as well as grid and bioinformatics appliances
- **Persistent storage** allowing users to create and access disk-like storage areas on remote cloud storage resources
- Sophisticated **web-monitoring** tool
- Easy-to-use **command-line tools** for users and system administrators, tested on **Linux**, **Mac OS X** and **Windows**
- Supports **cloud authentication via X.509** grid certificates
- Manual and **Quattor** installation options

Users

Grid Services

Cloud & Service Manager APIs

StratusLab Distribution

Public & Private Cloud

Academic & Commercial Clouds

StratusLab

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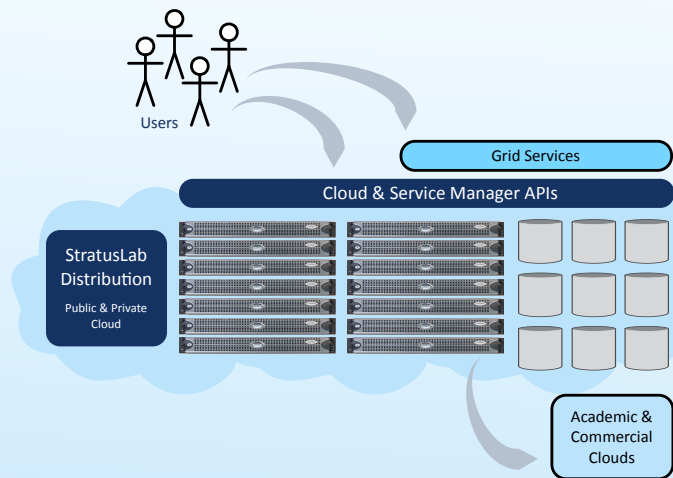
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Metadata

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ttylinux	9.3	i686	jane.tester@example.org	2011-09-12T09:58:55Z
ttylinux	9.10	i486	adrian.colesa@cs.utcluj.ro	2011-08-08T20:51:05Z
ttylinux		i686	m.memon@fz-juelich.de	2011-07-22T15:10:44Z
ttylinux	Search os version	Search architecture	Search email	Search date

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