



Stratuslab tutorial

Client installation

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Complete Dynamic Multi-cloud Application Management

Roadmap

Some services available on web site (MarketPlace, Registration).

But most is done using a command line client to use a Stratuslab cloud:

- Requirements
- Installation
- Configuration
- Validation

<http://stratuslab.readthedocs.org/en/latest/user-guide/02-quick-start.html>

Requirements

- Software stack:
 - Python 2.6+
 - Pip (Python installer)
 - Java 1.6+ (not GNU)
 - SSH client & **key**
 - Recent web browser
- Optionally
 - Virtualenv (Python virtual environnement)

Installation

- Global installation:

- `$ pip install -pre stratuslab-client`
=> Check installed version : 14.06

- Single user installation

- `$ pip install -pre stratuslab-client --user`
→ Insert `$STRATUSLAB_HOME/bin` in your `$PATH`

Configuration (1/2)

- A tool is provided to create your own config file
 - `$ stratus-copy-config`
 - => The result file is `$HOME/.stratuslab/stratuslab-user.cfg`
- Customize your config file
 - Copy your user name and password
 - **ATTENTION**
 - The special character “%” must be doubled (e.g password)

LAL cloud

```
endpoint = https://cloud.lal.stratuslab.eu/one-proxy/xmlrpc
pdisk_endpoint = https://pdisk.lal.stratuslab.eu/pdisk
marketplace_endpoint = https://marketplace.stratuslab.eu/marketplace
```

- Cloud access
 - `$ stratus-describe-instance`
 - `$ stratus-describe-volume`
- Help
 - All commands accept `--help` and `--version` options
 - The `--verbose` command may help debugging