

Stratuslab tutorial Client usage

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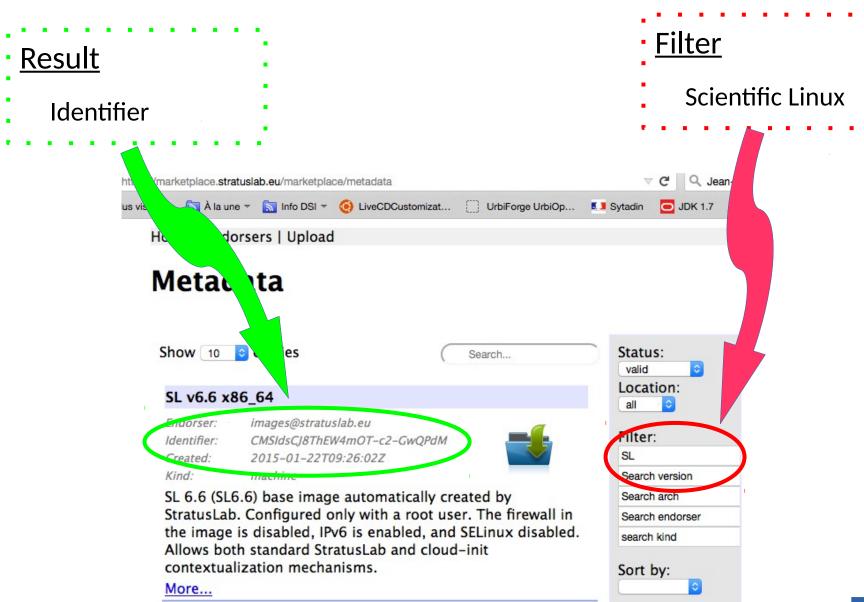
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http://stratuslab.readthedocs.org/en/latest/userguide/02-quick-start.html



Running a VM: appliance selection





Running a VM: appliance usage

1) Start

\$> stratus-run-instance CMSIdsCJ8ThEW4mOT-c2-GwQPdM

:: Machine 1 (vm ID: 4710)
Public ip: WW.XX.YY.ZZ

:: Done!

2) Check

\$> stratus-describe-instance

id state vcpu memory cpu% host/ip 4710 Running 1 1572864 8 vm-152.

3) Connect

\$> ssh root@WW.XX.YY.ZZ

4) <u>Stop</u>

\$> stratus-kill-instance 4710

Appliance Identifier

Contextualization

Your key is automatically copied to the VM

name

vm-152.lal.stratuslab.eu one-4710



Creating your appliance (1/4)

1) Select a base image from the Marketplace

```
(e.g. CMSIdsCJ8ThEW4mOT-c2-GwQPdM)
```

2) Customization

```
(e.g: we want to run Apache)
```

2.1 - Create a custom script (setup.sh)

```
#!/bin/bash
rm -f /lib/udev/rules.d/*net-gen*
rm -f /etc/udev/rules.d/*net.rules
echo "coucou"> /var/www/html/index.html
```



Creating your appliance (2/4)

2.2 - Create the new image

```
Output

...
:: Executing user prerecipe
:: Installing user packages
:: Executing user scripts
```



Creating your appliance (3/4)

You will receive a mail, as soon as your appliance is ready.

There is a bug in the provided link.

This link is wrong!

https://onehost-7.lal.in2p3.fr/pswd/disks/b7302af2-bdb8-44b4-b38c-ebdab770d597

Please correct by inserting « pdisk/ »

https://onehost-7.lal.in2p3.fr/**Pdisk**/pswd/disks/b7302af2-bdb8-44b4-b38c-ebdab770d597



Creating your appliance (4/4)

Your Appliance identifier



Hom Disks

Disk ormation

<u>View mounts</u> for t disk.

UUID)2af2-bdb8-44b4-b38c-ebdab770d597

Size 6

Tag sl6 httpd

Image identifier Pjr9KwzhPorXunjWzrCkpB4Rt_m

User's count

Owner oleg

Visibility PRIVATE

Is original (seed) 🗹

Disk type MACHINE_IMAGE_ORIGIN

Delete Edit

Logged in as oleg (logout)



Creating your persistent disk

A persistent disk is a user storage space

1) Create a new (empty) disk

```
$> stratus-create-volume --size=5 --tag=myprivate-
disk

DISK 9c5a2c03-8243-4a1b-a248-0f0d22d948c2
```

2) List disks



Running your appliance

Putting all together

```
Start
$> stratus-run-instance Pjr9KwzhPorXunjWzrCkpB4Rt_m
```

:: Machine 1 (vm ID: 7410)

--persistent-disk

Public ip: WW.XX.YY.ZZ

:: Done!

9c5a2c03-8243-4a1b-a248-0f0d22d948c2

Your persistent disk Identifier

Connect: http://www.xx.yy.zz/

<u>Stop</u>

\$> stratus-kill-instance 7410

