

Preparing the VM

Legenda

Command line of
the VM

UI of Surfsara

On own Bash of
user computer

Start building
the Galaxy
production
Server

Generate own
SSH key

Enter SSH key
to profile of
surfsara UI

Resize OS
image to 50 GB

Save the Resized OS
image to persistent

Make a new
VM
-5GB RAM
-2CPU

Swap the OS
image with the
resized one

Install the
following on the
OS image

Preparing the VM for Galaxy Installation

Add SSH-keys
from Colleages

Install:
software-properties-common
apt-add-repository install
ansible

Install Ansible

Install Ansible -
galaxy from
geerlingguy.git

Sudo UFW allow
8080, 80,443

Install
PostgreSQL

Installing Galaxy
advances

Handleers

installing system
DD38

Installing NGIX
porxy with
CERTBOT

Installing Slurm
Slurm-DRMAA
GALAXY and
slurm

Data distrubution
and S3 object
store

Install reference
data

Install Tools by
ephimerus

Install
Reports/gragana

Enable galaxy
interactive tools

Do some test run
with installed
tools/workflow

Check monitoring, Data storage (\$df -h)
and \$ journalctl -f -u galaxy

Optional
configurations
(White list, User
quota, sharing
data options)

GALAXY INSTALATION FOR PRODUCTION

