<https://docs.google.com/drawings/d/1g_q23jMVdIaRuJj2Ux8Rp4vexCZA9nvn448tqtrjl4s/edit>

## 0- LNG ENV TEST

**l'instance aws** <https://ec2-35-176-43-33.eu-west-2.compute.amazonaws.com:8443>

## 1- To SSH L&G server

ssh [tibcodev@ec2-35-176-43-33.eu-west-2.compute.amazonaws.com](mailto:tibcodev@ec2-35-176-43-33.eu-west-2.compute.amazonaws.com) (SSH user)

**password**: gr1dDu5er

## 2- To execute L&G worflows

**click here** https://ec2-35-176-43-33.eu-west-2.compute.amazonaws.com:8443/studio

**log in** :algos2dev1

**password**: alg0Dev1

source file to execute L&G master workflow: /home/algos2dev1/.algo\_top/shrc

HeadHost: lnhbtgcn001

## 3- How to see the list of jobs

**Go to** cd /tibco/proactive/bin

**run this command** ./proactive-client -lj

## 4-How to restart the server

**Go to** cd /tibco/proactive/tools

**run this command** ./start-stop.sh restart (his will stop the server and restart it)

## 5- To see the log

**run this command** tail -f /tibco/proactive/logs/Scheduler.log

go into this folder : /algodata/batchlogs/algos2dev1/

ou bien

**copier le log dans le Pc local:** scp tibcodev@ec2-35-176-43-33.eu-west-2.compute.amazonaws.com:/tibco/proactive/logs/Scheduler.log C:/users/louati\_a

and rm -fr \*

then rerun the batch

better if u do it as tibcodev

i mean to remove the folders as tibcodev

and algosdev1 to run the batch

there is only one you need to trigger, the one called ${RUN\_NAME}.Master. That one will then trigger automatically the other 3. The 3rd task PrecubeSubmission is submitting the workflow called "${RUN\_NAME}.Precube" then there is another task called "SubmitSimulation". This will submit 2 or 3 or 4 (i dont remember) of the workflows called "${RUN\_NAME}.${CUBE\_NAME}". So open that workflow ${RUN\_NAME}.${CUBE\_NAME} the 2nd task called Splitsimulation is reading an external files and based on that file it is deciding how many replicate tasks to generate if you click on the replicate control u will see runs = variables['TOTAL\_SIM\_TASKS'] the variable TOTAL\_SIM\_TASKS has been set by the task before Splitsimulaion then the simulation tasks (3rd task) is replicated N times when those replication tasks are replicated and are pending waiting for available resources, you will need to stop the server and restart

scp scheduler-server-7.28.7.jar tibcodev@ec2-35-176-43-33.eu-west-2.compute.amazonaws.com:/tibco/proactive/dist/lib

# Polysh is a tool to aggregate several remote shells into one. It is used to launch an interactive remote shell on many machines at once. It is written in Python and requires Python ≥ 2.4.

polysh --hosts\_file=grid\_hosts.txt

pour sauvegarder les workflows: lng\_backup\_workflows

pour restaurer les workflows: lng\_restore\_workflows

less /tibco/proactive/cfg/tibcodev.yaml

* Affiche la configuration (user, passeword) des 10 slaves et les mots de passe des 2 users algos2dev1 et algos1dev2

le fichier **./algo\_top/shrc** contient les variables d’environnment business du client. Ces variables sont utilisées dans les scripts du workflow

Pour ajouter une variable à tous les slaves:

for host in $(cat grid\_hosts.txt); do ssh algos2dev1@host ”echo export ANACONDA\_PREFIX=/tibco/proactive/miniconda >> .algo\_top/shrc”; echo $host done; done

# Deploiement de la dernière nightly release in our lng env in Azure

## L'url azure

<https://proactive-scheduler.uksouth.cloudapp.azure.com:8443/>

## Pour se connecter au grid manager

ssh [tibcodev@proactive-scheduler.uksouth.cloudapp.azure.com](mailto:tibcodev@proactive-scheduler.uksouth.cloudapp.azure.com)

**password**: gr1dDu5er

## Pour déployer une release sur le Grid manager

wget --auth-no-challenge --http-user=USER\_NAME --http-password=API\_TOKEN --secure-protocol=TLSv1 URL

where:

USER\_NAME=AmineLouati

API\_TOKEN= clique sur le nom d'utilisateur en haut a droite de l'écran puis dans le menu de gauche il faudra cliquer sur Configure et chercher le bouton **Show API Token**

URL= l'url de la release que tu veux utiliser

il faudra utiliser cette commande depuis une session ssh sur le grid manager afin d'y télécharger la release que tu veux utiliser

wget --auth-no-challenge --http-user=AmineLouati --http-password= e3a5c58ea9de32a9d9db6c83a0f758d6 --secure-protocol=TLSv1 <http://jenkins.activeeon.com/view/NightlyRelease/job/nightly-release/lastSuccessfulBuild/artifact/build/distributions/ProActiveWorkflowsScheduling-linux-x64-7.29.0-SNAPSHOT.zip>

## la liste des grid hosts est sur le grid manager (proactive-scheduler.uksouth.cloudapp.azure.com)

cat /home/tibcodev/grid\_hosts.txt

## Pour vider le cache du gradle

rm -rf $HOME/.gradle/caches/

## 

## Pour déterminer l’adresse IP d’un host

export HOST\_ADDRESS=$(ifconfig | sed -En 's/127.0.0.1//;s/.\*inet (addr:)?(([0-9]\*\.){3}[0-9]\*).\*/\2/p')

export HOST\_ADDRESS=$(ifconfig | grep -Eo 'inet (addr:)?([0-9]\*\.){3}[0-9]\*' | grep -Eo '([0-9]\*\.){3}[0-9]\*' | grep -v '127.0.0.1')