Lab 2 - Bootstrap a Manager

The purpose of this lab is to bootstrap a cloudify manager on a fresh instance using the simple manager blueprint.

Before starting, make sure you have the following details from the trainer:

* The private and public IP of the server you should bootstrap on. One server per trainee.
* The keypair of the server

## Step 1: Download the manager blueprint

In a terminal window (where you installed the CLI) execute the following command:

wget <https://github.com/cloudify-cosmo/cloudify-manager-blueprints/archive/3.1.zip>

unzip 3.1.zip

cd cloudify-manager-blueprints-3.1/simple

## Step 2: Configure the inputs file

cp inputs.json.template inputs.json

vi inputs.json

Fill in the public and private IP, ssh user (ubuntu), as well as the path of the keyfile you were given by the trainer:

{

"public\_ip": "PUBLIC IP GOES HERE",

"private\_ip": "PRIVATE IP GOES HERE",

"ssh\_user": "ubuntu",

"ssh\_key\_filename": "/path/to/key.pem",

"agents\_user": "ubuntu",

"resources\_prefix": ""

}

## Step 3: Trigger the bootstrap process

Activate the virtualenv in which you installed the Cloudify CLI, and type the following:

cfy init

cfy bootstrap --install-plugins -p simple.yaml -i inputs.json

This should take a few minutes, during which you will see the output of the bootstrapping process. At the end of the process you should see the IP address of the manager, e.g.:

015-01-20 16:13:15 CFY <manager> 'install' workflow execution succeeded

bootstrapping complete

management server is up at 54.91.114.221

**Step 4: Verify the manager started successfully**

Type the following command to verify that all manager components are up and running:

cfy status

You should see the output similar to the following, make sure all components are running:

Getting management services status... [ip=54.91.114.221]

Services:

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| service | status |

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| Riemann | running |

| Celery Management | running |

| RabbitMQ | running |

| Cloudify Manager | running |

| Elasticsearch | running |

| SSH | running |

| Webserver | running |

| Cloudify UI | running |

| Syslog | running |

| Logstash | running |

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**Step 5: Access the web UI**

Copy the IP address you received at the end of the bootstrap process to your browser's address line. You should get the web UI:

