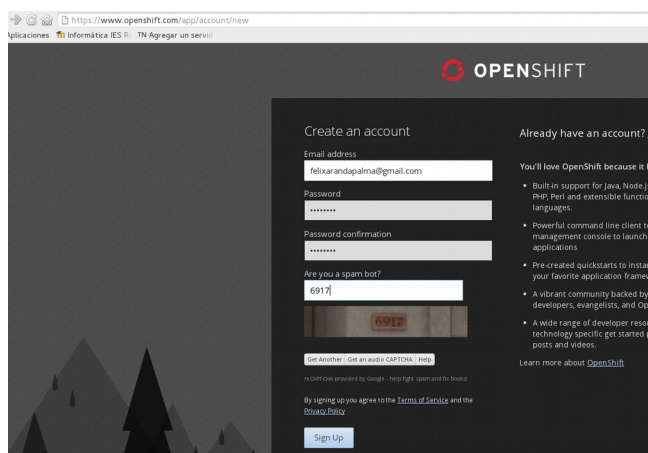Félix Aranda Palma 2º ASIR
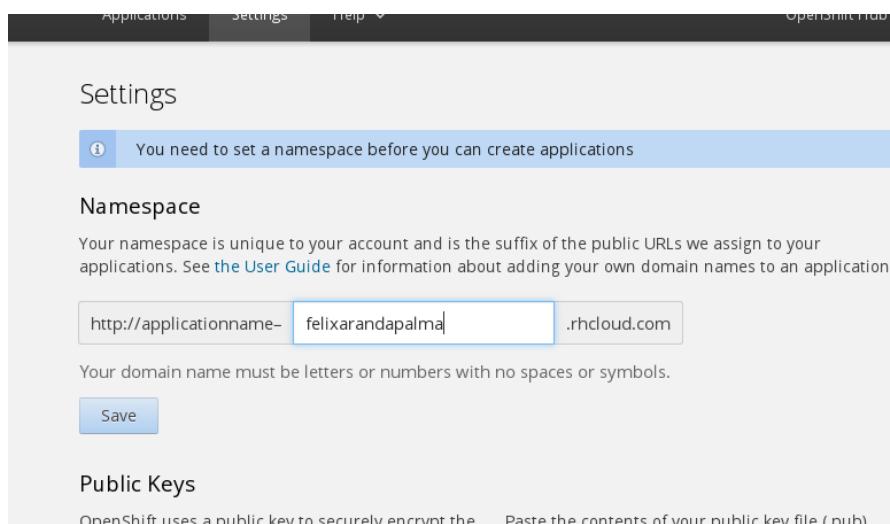
| Bloque III: Trabajando con el hosting |
|---|
| Tarea: Despliegue de Joomla en OpenShift |

## 1. Creamos unas cuenta en openshift



## 2. Ponemos un nombre a nuestro dominio

## 3. Generar el par de claves SSH en mi equipo local

```
felix@felixaranda:~/.ssh$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/felix/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/felix/.ssh/id_rsa.
Your public key has been saved in /home/felix/.ssh/id_rsa.pub.
The key fingerprint is:
c4:89:e4:3d:d6:b2:9c:23:46:a0:4d:ba:b0:48:64:1e felix@felixaranda
The key's randomart image is:
+---[RSA 2048]----+
| E  o .          |
|+ .= + + o       |
|.oo . + O .      |
|oo . . + =       |
|o .   o S         |
|     . . .        |
|                 |
|                 |
|                 |
+-----------------+
felix@felixaranda:~/.ssh$ ls
id_rsa  id_rsa.pub  known_hosts  known_hosts.old
felix@felixaranda:~/.ssh$
```

- Copio el código que se encuentra en id_rsa_pub y lo subo a Openshift



2

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| Key name | Type | Contents |
|---|---|---|
| default | ssh-rsa | AAAB3Nz |

Add a new key...

## 3. Vamos a crear un contenedor que contenga PHP 5.4 y MYSQL 5.5

OpenShift lets you add services and tools to your application through **cartridges** - i
servers, management tools, and continuous integration servers.

3. **Upload your code to OpenShift via Git**
   Your source code is stored with your application in a Git version control repository.

→ Create your first application now

For more about OpenShift, visit the OpenShift Developer Portal.

### PHP 5.4 Cartridge

PHP is a general-purpose server-side scripting language originally designed for Web
development to produce dynamic Web pages. Popular development frameworks include
CakePHP, Zend, Symfony, and Code Igniter.

http://www.php.net

☆ OpenShift maintained
🛡 Receives automatic security updates

blic URL    http://  [ joomla ]  -felixarandapalma.rhcloud.com

OpenShift will automatically register this domain name for your application. You can add
your own domain name later.

urce Code    [ Optional URL to a Git repository ]  [ Branch/tag ]

- Añadimos MYSQL

3

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joomla-felixarandapalma.rhcloud.com change
Created 2 minutes ago in domain felixarandapalma and the aws-us-east-1 region

Cartridges

PHP 5.4 — Status Started — Gears 1 small — Storage 1 GB

Databases
Add MongoDB 2.4
Add MySQL 5.5
Add PostgreSQL 9.2

Continuous Integration
Enable Jenkins

Browse the Marketplace, or see the list of cartridges you can add

Add Cartridge to joomla

MySQL 5.5

MySQL is a multi-user, multi-threaded SQL database server.

Website: http://www.mysql.com
OpenShift maintained
Receives automatic security updates

Using Gear Size    small

Do you want to add the MySQL 5.5 cartridge to your application

Back    Add Cartridge    +0

- Nos ha generado un usuario, la contraseña y la base de datos



https://openshift.redhat.com/app/console/application/569fac4b7628e1f6380000b4-joomla
...nes  Informática IES R  TN Agregar un servid

OPENSHIFT ONLINE

Upgrade Plan    felixarandapalma@gmail.com

Applications    Settings    Help    OpenShift Hub

joomla-felixarandapalma.rhcloud.com change    Started    1
Created about 3 hours ago in domain felixarandapalma and the aws-us-east-1 region

MySQL 5.5 database added.  Please make note of these credentials:

        Root User: adminTqe31j2
    Root Password: b4deGaHG2KYS
    Database Name: joomla

Connection URL: mysql://$OPENSHIFT_MYSQL_DB_HOST:$OPENSHIFT_MYSQL_DB_PORT/

You can manage your new MySQL database by also embedding phpmyadmin.
The phpmyadmin username and password will be the same as the MySQL credentials
above.

Cartridges

PHP 5.4 — Status Started — Gears 1 small — Storage 1 GB

MySQL 5.5 — Database: joomla   User: adminTqe31j2   Password: show

Source Code
ssh://569fac4b7628e1f6380000b.
Pass this URL to 'git clone' to copy the repository locally.

Remote Access
Want to log in to your application?

Delete this application...

Continuous Integration
Enable Jenkins

Tools and Support
Add phpMyAdmin 4.0

- Clonamos nuestro repositorio de openshift en nuestro equipo local.

```
felix@felixaranda:~$ git clone ssh://569fac
oud.com/~/git/joomla.git/
Cloning into 'joomla'...
Warning: Permanently added the RSA host key
nown hosts.
remote: Counting objects: 19, done.
remote: Compressing objects: 100% (15/15),
remote: Total 19 (delta 0), reused 19 (delt
Receiving objects: 100% (19/19), 18.25 KiB
Checking connectivity... done.
```

```
felix@felixaranda:~$ cd joomla/
felix@felixaranda:~/joomla$ git commit -a -m "mi joomla"
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working directory clean
felix@felixaranda:~/joomla$ git push
warning: push.default is unset; its implicit value has ch
Git 2.0 from 'matching' to 'simple'. To squelch this mess
```

4. Nos bajamos el paquete Joomla utilizando wget, lo descomprimimos en el repositorio local para luego subirlo a Openshift

```
felix@felixaranda:~$ wget https://github.com/joomla/joomla-cms/releases/download/3.4.8/Joo
mla_3.4.8-Stable-Full_Package.zip
--2016-01-19 20:32:20--  https://github.com/joomla/joomla-cms/releases/download/3.4.8/Joom
la_3.4.8-Stable-Full_Package.zip
Resolviendo github.com (github.com)... 192.30.252.131
Conectando con github.com (github.com)[192.30.252.131]:443... conectado.
```

- Creamos una carpeta y descomprimimos en ella

```
felix@felixaranda:~/joomla$ mkdir jmla
felix@felixaranda:~/joomla$ cd ..
felix@felixaranda:~$ unzip Joomla_3.4.8-Stable-Full_Package.zip -d joomla/jmla/
```

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- Colocamos las variables de openhift en el fichero de configuracion de joomla.



- Subimos los archivos al repositorio de joomla.





- Iniciamos la instalación de Joomla y rellenamos los datos necesarios:

http://joomla-felixarandapalma.rhcloud.com/jmla/installation/index.php

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- Ponemos el nombre de usuario, de la base de datos  la contraseña que nos ha proporcionado Openshift al instalar MySQL.



- Finalizamos la instalación.

Enlaces Openshift → http://joomla-felixarandapalma.rhcloud.com/jmla/