

OPENSIFT
ONLINE
by Red Hat®

Creación y despliegue de una app web

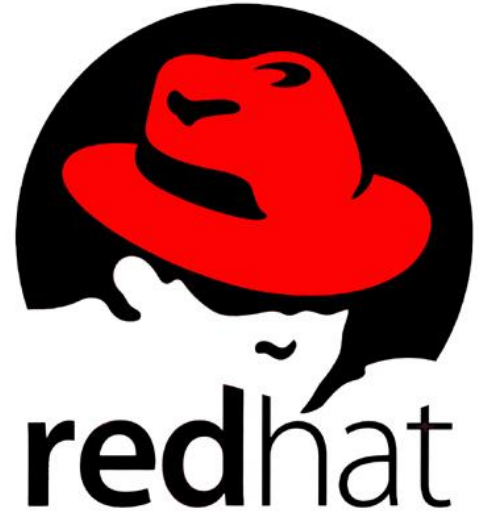
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- ¿Qué es?
- ventajas e inconvenientes
- instalacion y configuracion
- ejemplo de uso

¿Qué es OpenShift?



CLOUD COMPUTING



Ventajas y desventajas



Ventajas

- Acceso (*PC, Tablet, Celular*)
- Reducción de costos
- Seguridad
- Integración
- Igualdad
- Escalabilidad



Desventajas

- Seguridad
- Lentitud
- Propiedad de datos
- Privacidad
- Costos elevados
- Dependencia
- Internet
- Rendimient

Instalación



```
gem install rhc
```

Configuración

```
gines@gines-virtual-machine:~$ rhc setup
/var/lib/gems/2.3.0/gems/commander-4.2.1/lib/commander/user_interaction.rb:328: warning: constant ::Ti
meoutError is deprecated
OpenShift Client Tools (RHC) Setup Wizard

This wizard will help you upload your SSH keys, set your application namespace, and check that other
programs like Git are properly installed.

If you have your own OpenShift server, you can specify it now. Just hit enter to use the server for
OpenShift Online: openshift.redhat.com.
Enter the server hostname: [openshift.redhat.com]

You can add more servers later using 'rhc server'.

Using an existing token for gines13310@gmail.com to login to openshift.redhat.com

Saving configuration to /home/gines/.openshift/express.conf ... done

Checking for git ... found git version 2.7.4

Checking common problems ./var/lib/gems/2.3.0/gems/net-ssh-2.9.2/lib/net/ssh/transport/session.rb:67:
in `initialize': Object#timeout is deprecated, use Timeout.timeout instead.
./var/lib/gems/2.3.0/gems/net-ssh-2.9.2/lib/net/ssh/transport/session.rb:84:in `initialize': Object#tim
eout is deprecated, use Timeout.timeout instead.
. done

Checking for a domain ... mk128

Checking for applications ... found 2

miblog      http://miblog-mk128.rhcloud.com/
primeraapp  http://primeraapp-mk128.rhcloud.com/

You are using 2 of 3 total gears
The following gear sizes are available to you: small

Your client tools are now configured.
```

Welcome to OpenShift

OpenShift helps you build and deploy web applications, mobile backends, service oriented architectures, and host your favorite services.

1. Choose a web framework or codebase to start from

Try JBoss, PHP, Python, Ruby, Node.js, or create a new Drupal or Wordpress site instantly.

2. Add cartridges like MySQL or MongoDB to your application

OpenShift lets you add services and tools to your application through **cartridges** - including databases, cache 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](#).

1 Choose a type of application

2 Configure the application

3 Next steps

Choose a web programming cartridge or kick the tires with a quickstart. After you create the application you can **add cartridges to enable additional capabilities** like databases, metrics, and continuous build support with Jenkins.

or

Instant App

[see all](#)


Jenkins Server

CI



Drupal 7

CMS DRUPAL NOT SCALABLE PHP



Ghost 0.7.5

BLOG CMS GHOST NODEJS




WordPress 4

BLOG CMS NOT SCALABLE PHP WORDPRESS



 **Cartridge** – A managed runtime for your application.

 **QuickStart** – A quick way to try out a new technology with code and libraries preconfigured. You are responsible for updating core libraries for security updates.

 Receives automatic security updates

xPaaS

[see all](#)


JBoss Data Virtualization 6

JAVA EE 6



JBoss Enterprise Application Platform 6

JAVA EE 6



JBoss Unified Push Server 1.0.0.Beta1

JEE FULL PROFILE



JBoss Unified Push Server 1.0.0.Beta2

JEE FULL PROFILE



Creación de aplicaciones

```
gines@gines-virtual-machine:~$ rhc git-clone miblog
/var/lib/gems/2.3.0/gems/commander-4.2.1/lib/commander/user_interaction.rb:328:
warning: constant ::TimeoutError is deprecated
Clonar en «miblog»...
Your application Git repository has been cloned to '/home/gines/miblog'
```

```
gines@gines-virtual-machine:~/Documentos$ cd codigoopen/
gines@gines-virtual-machine:~/Documentos/codigoopen$ mkdir aplicacion2
gines@gines-virtual-machine:~/Documentos/codigoopen$ cd aplicacion2/
gines@gines-virtual-machine:~/Documentos/codigoopen/aplicacion2$ rhc app create
aplicacion2 php-5.4
/var/lib/gems/2.3.0/gems/commander-4.2.1/lib/commander/user_interaction.rb:328:
warning: constant ::TimeoutError is deprecated
Application Options
-----
Domain:      mk128
Cartridges:  php-5.4
Gear Size:   default
Scaling:     no

Creating application 'aplicacion2' ... done

Waiting for your DNS name to be available ... done

Clonar en «aplicacion2»...
The authenticity of host 'aplicacion2-mk128.rhcloud.com (52.20.35.120)' can't be
established.
RSA key fingerprint is SHA256:FeJCKIUL7D41FMGNtM5NYM4XoboxZGYEqH0WcAmOX+I.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'aplicacion2-mk128.rhcloud.com,52.20.35.120' (RSA) to
the list of known hosts.

Your application 'aplicacion2' is now available.

URL:          http://aplicacion2-mk128.rhcloud.com/
SSH to:       574ed7cb7628ele8280000a8@aplicacion2-mk128.rhcloud.com
Git remote:   ssh://574ed7cb7628ele8280000a8@aplicacion2-mk128.rhcloud.com/~/.git/
/aplicacion2.git/
Cloned to:    /home/gines/Documentos/codigoopen/aplicacion2/aplicacion2

Run 'rhc show-app aplicacion2' for more details about your app.
```

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