OpenDAI's CloudStack Environment:

Acceso:

https://194.116.109.4/client/
User: admin
Pwd: ps412414
Domain: spain/dev

Máquinas temporales para testing:

jbosstest:

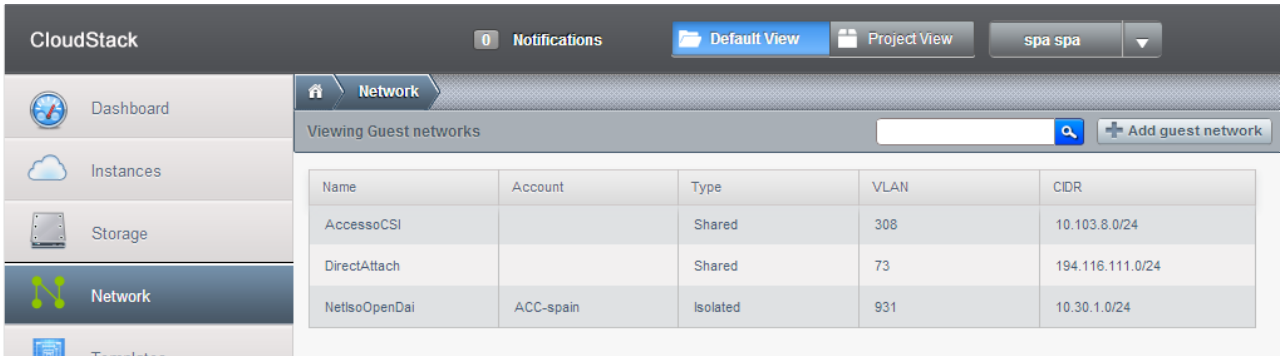
ssh 194.116.110.155 -p 2022
root/1md4r00t(5.0)
jboss/jb0ssm4st3r

wso2test:

ssh 194.116.110.155 -p 2023
root/1md4r00t(5.0)
wso2/ws02m4st3r

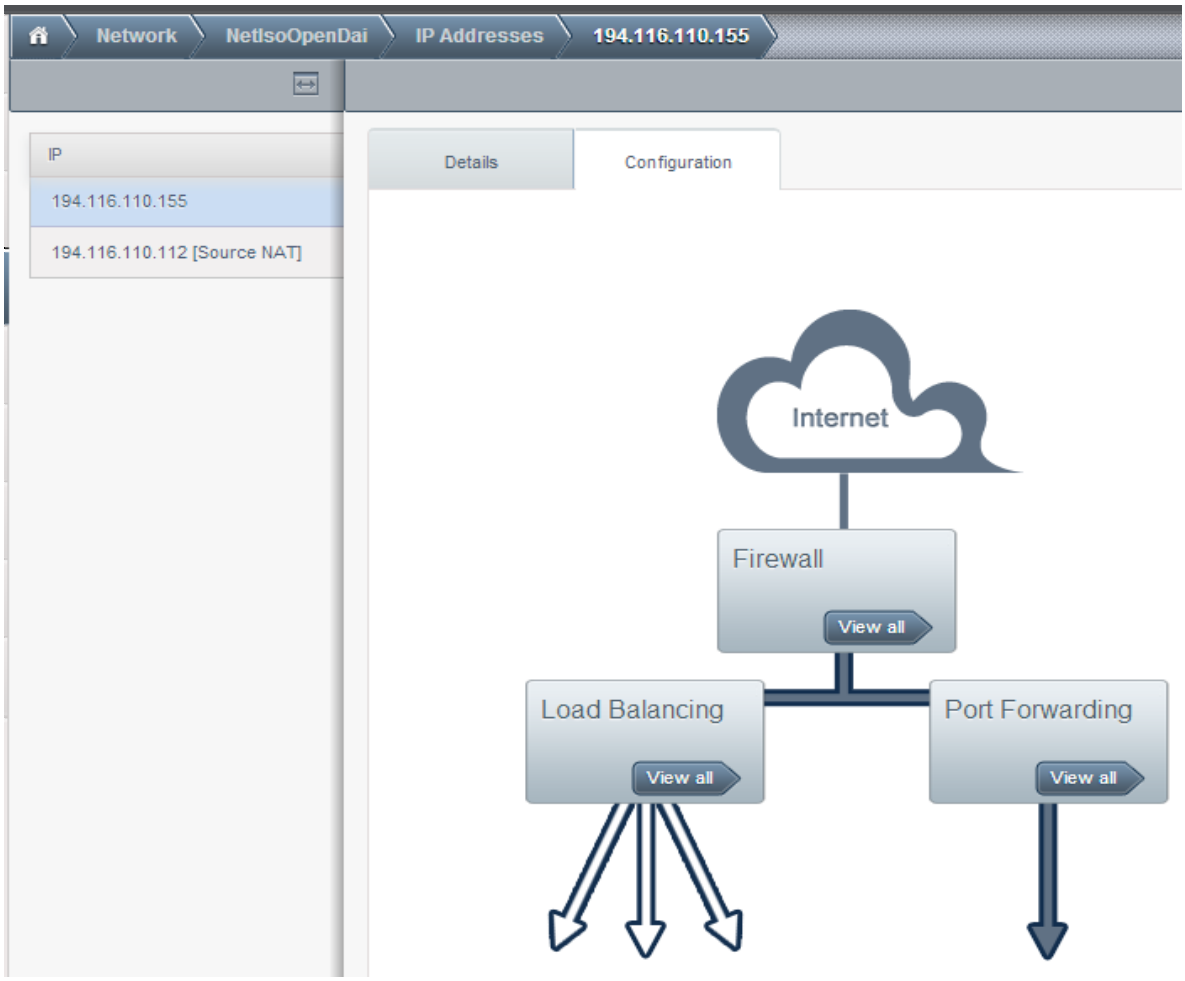
Quick tutorial:

Networks:

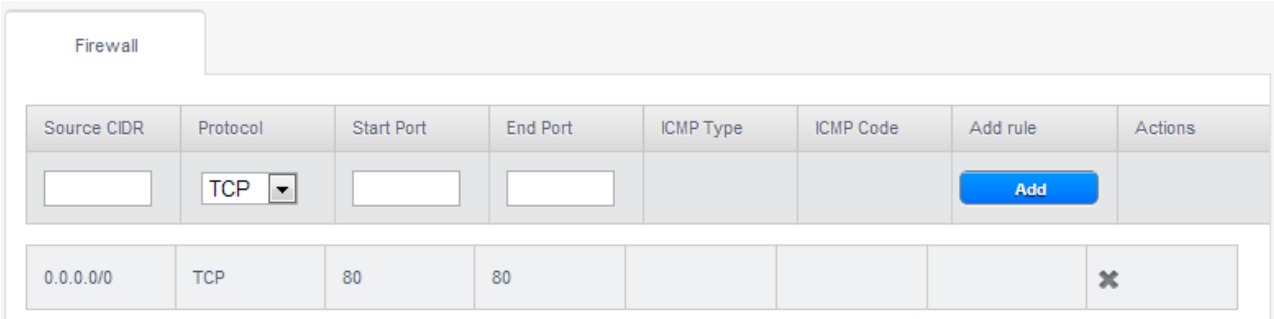


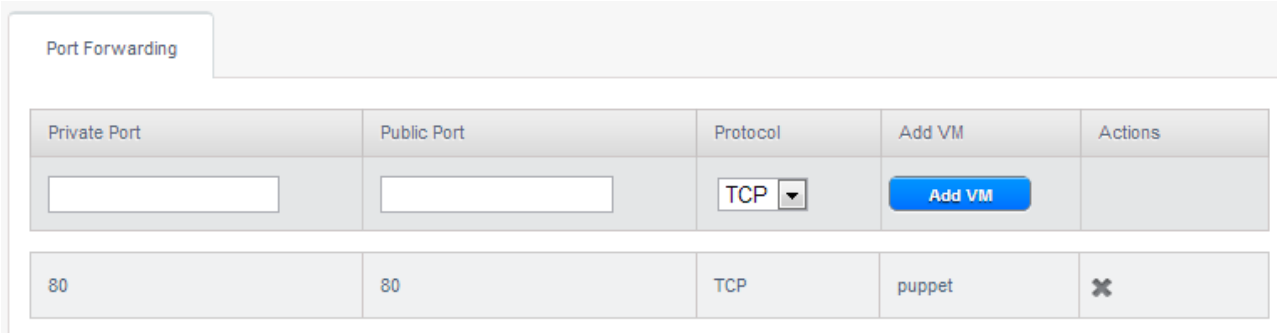
- **DirectAttach:** Las máquinas que se creen en esta red tendrán IP pública, tendríamos que manejar la seguridad nosotros mismos. Por defecto crear las VMs en NetIsoOpenDai. Cuantas menos IPs públicas mejor.

- **NetIsoOpenDai:** View IP Addresses -> seleccionar IP -> Configuration.



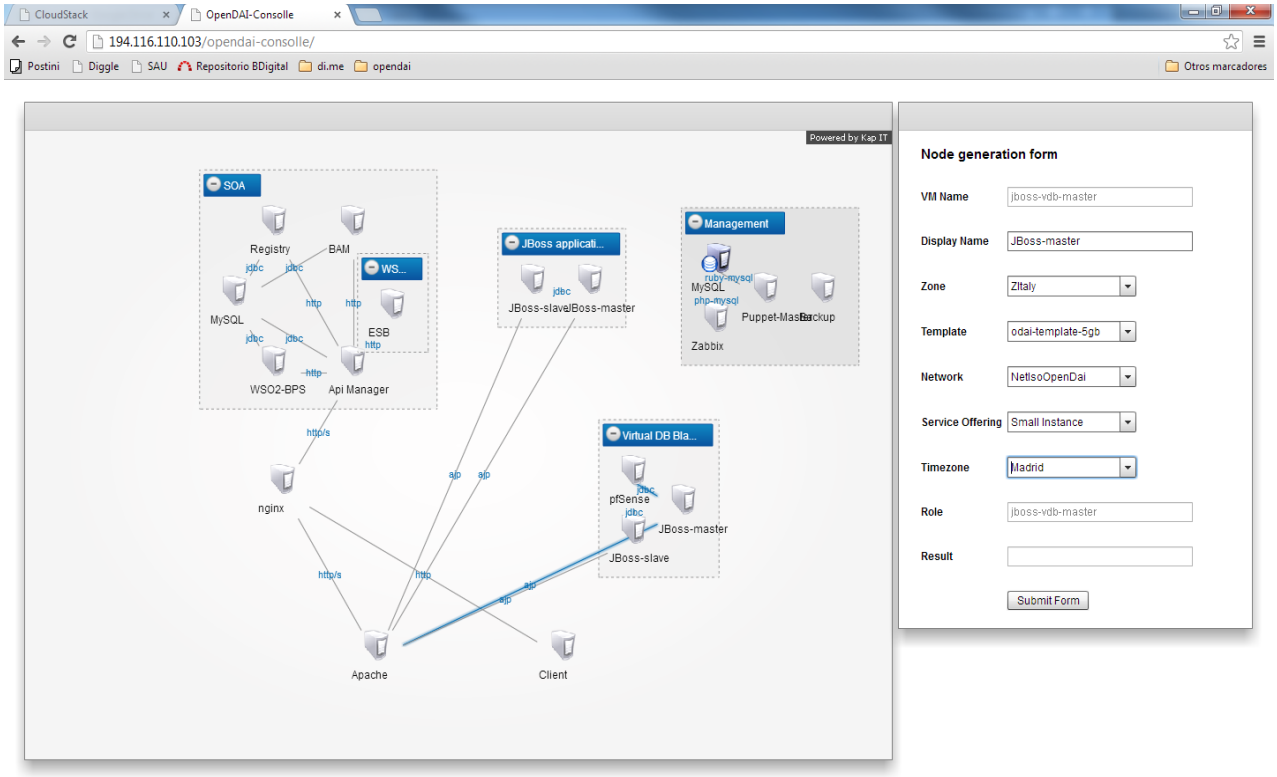
Configuración necesaria: Depués de crear una máquina virtual abrir los puertos del firewall que se necesiten redirigir a la máquina en cuestión. Para las pruebas iniciales con JBOSS hará falta redirigir un puerto para el servidor de SSH (2022, p ej) y otro para la management console de JBOSS (9990 por defecto).





OpenDAI Console:

Podemos acceder a la consola de OpenDAI mediante la IP de nuestra red asignada, en nuestro caso la dirección será: http://194.116.110.155/opendai-consolle. Actualmente no está terminada la aplicación. Cuando lo esté permitirá crear automáticamente las máquinas según la arquitectura de OpenDAI mediante scripts de puppet. Seleccionando el pupper-master se debería poder acceder a su dashboard, pero de momento no funciona.



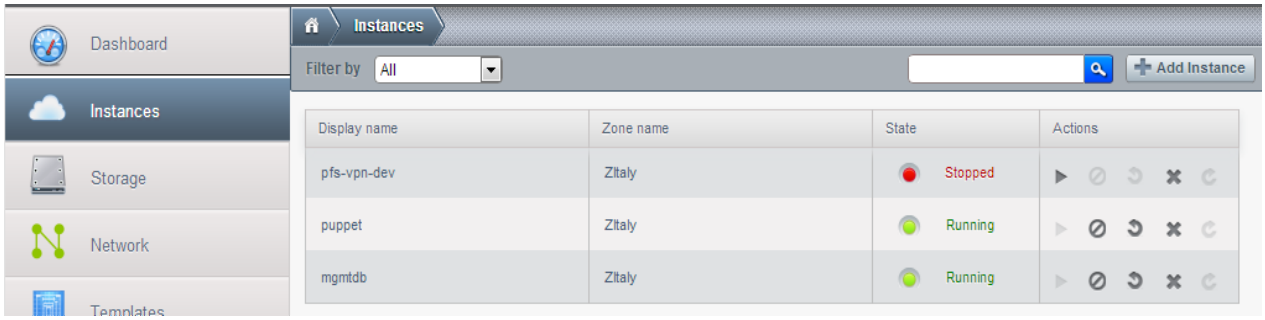
Aquí podremos seleccionar la máquina que queramos crear, con su template, red, recursos, etc. El puppet master realizará la instalación de la máquina virtual.

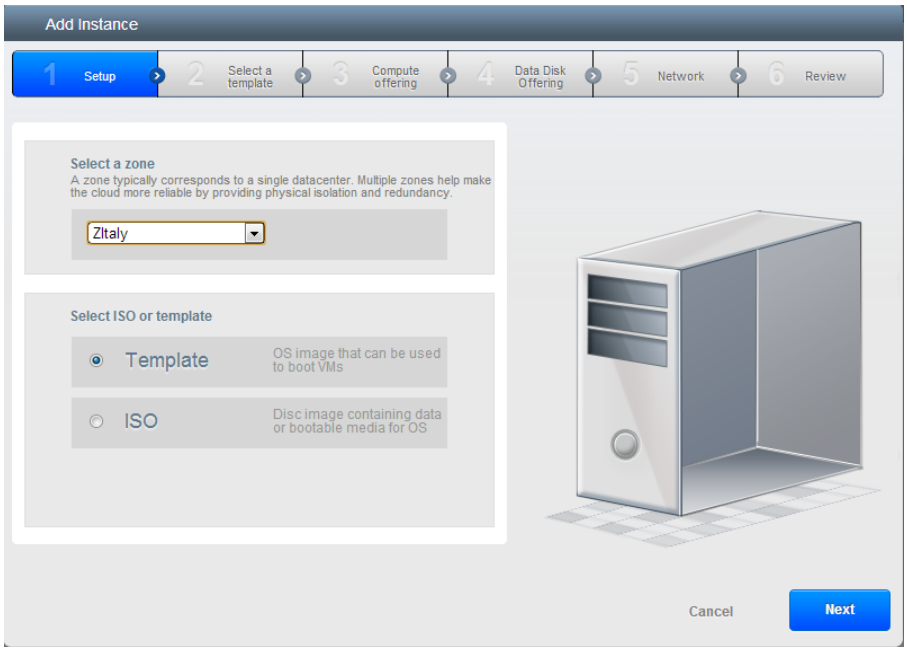
De momento, para empezar a probar se crearán las VM desde CloudStack y se instalará el software necesario manualmente.

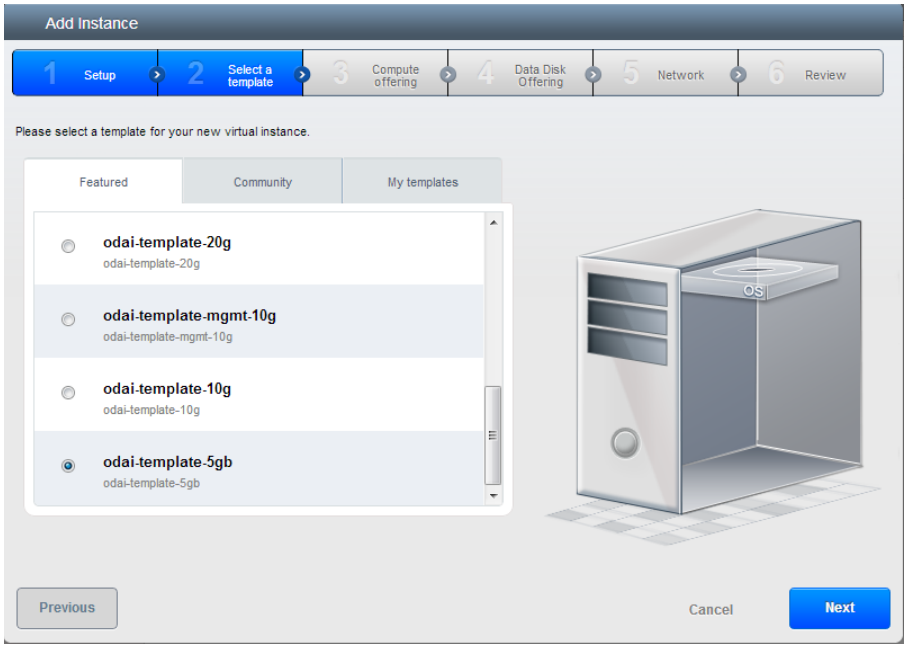
Password de root por defecto de las VM's: **password01**

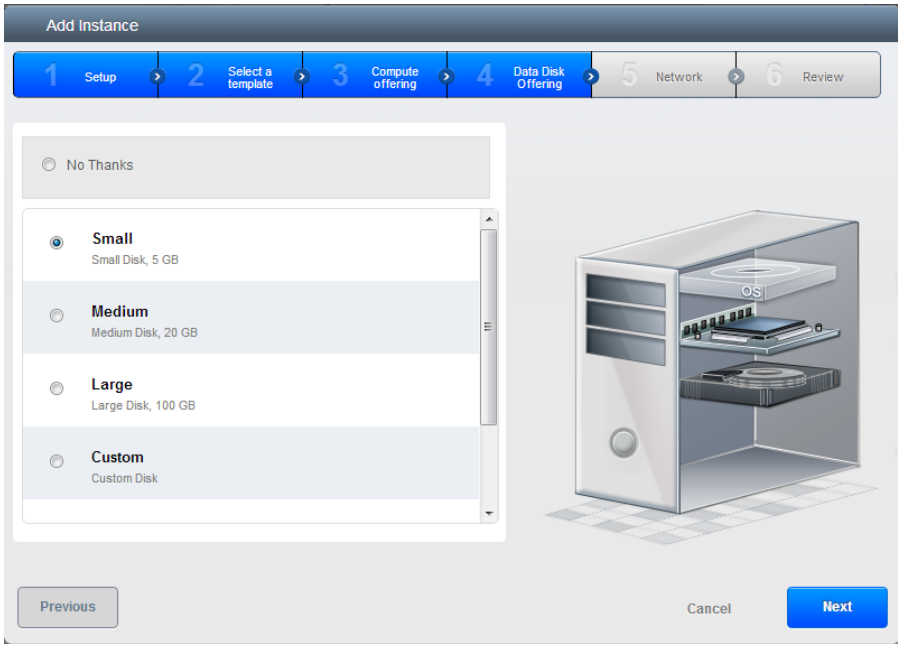
Solución temporal para empezar a crear máquinas de prueba:

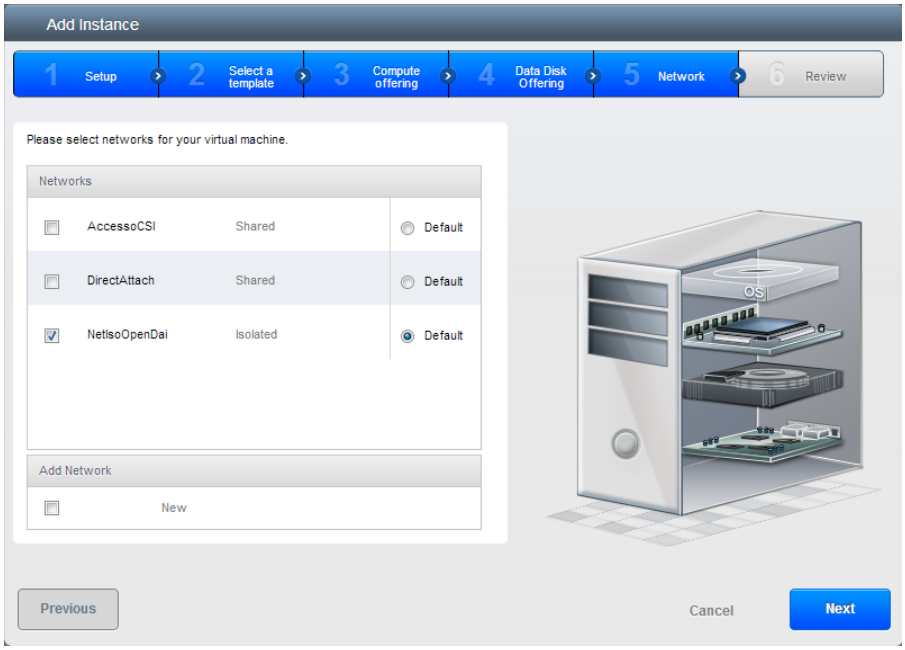
Mientras tanto, para crear una máquina con JBOSS para testing podemos hacerlo mediante la interfaz de CloudStack: Instances -> Add Instance.

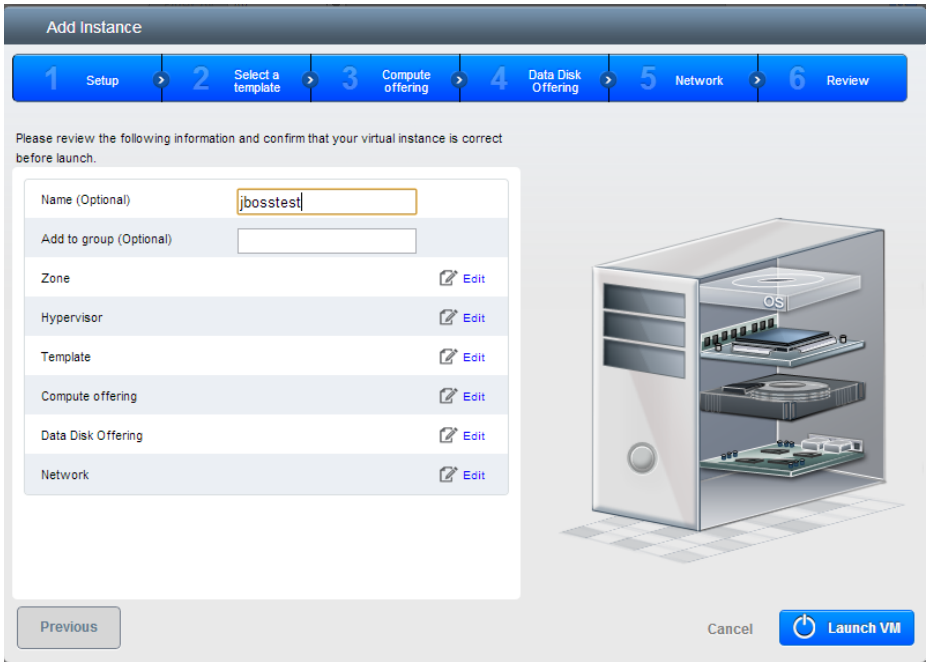

Dashboard
Instances
Storage
Network
Templates
Instances
Filter by
All
Add Instance
Display name
Zone name
State
Actions
pfs-vpn-dev
Zltaly
Stopped
puppet
Zltaly
Running
mgmtdb
Zltaly
Running

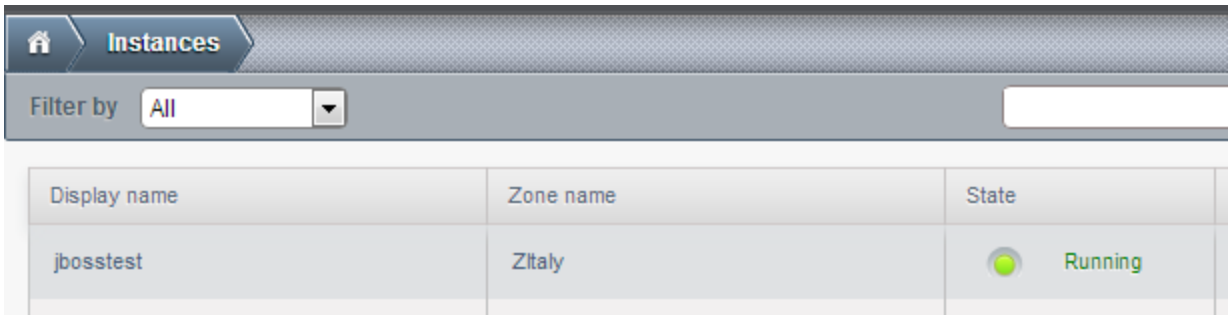

Add Instance
1 Setup
2 Select a template
3 Compute offering
4 Data Disk Offering
5 Network
6 Review
Select a zone
A zone typically corresponds to a single datacenter. Multiple zones help make the cloud more reliable by providing physical isolation and redundancy.
Zltaly
Select ISO or template
Template
OS image that can be used to boot VMs
ISO
Disc image containing data or bootable media for OS
Cancel
Next


Add Instance
1 Setup
2 Select a template
3 Compute offering
4 Data Disk Offering
5 Network
6 Review
Please select a template for your new virtual instance.
Featured
Community
My templates
odai-template-20g
odai-template-20g
odai-template-mgmt-10g
odai-template-mgmt-10g
odai-template-10g
odai-template-10g
odai-template-5gb
odai-template-5gb
OS
Previous
Cancel
Next


Add Instance
1 Setup
2 Select a template
3 Compute offering
4 Data Disk Offering
5 Network
6 Review
No Thanks
Small
Small Disk, 5 GB
Medium
Medium Disk, 20 GB
Large
Large Disk, 100 GB
Custom
Custom Disk
OS
Previous
Cancel
Next


Add Instance
1 Setup
2 Select a template
3 Compute offering
4 Data Disk Offering
5 Network
6 Review
Please select networks for your virtual machine.
Networks
AccessoCSI
Shared
Default
DirectAttach
Shared
Default
NetIsoOpenDai
Isolated
Default
Add Network
New
OS
Previous
Cancel
Next





Limitar al mínimo el número de puertos expuestos al exterior, no utilizar puertos estándar.

Recordatorio: Password de root por defecto de las VMs **password01**.