How to implement load balancing with CXF Fabric

Case CXF Fabric

I'm trying to perform balance fuse jboss using fabric cxf, I'm doing it on Ubuntu 12.04, and I intend to use at least two virtual machines which have installed linux mint, what happens is that I find the documentation necessary to perform this test .

I read that you can configure the FabricPath of the FabricLoadBalancerFeature for the CXF server and CXF client use.

```
<beans xmlns="http://www.springframework.org/schema/beans" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:cxfcore="http://cxf.apache.org/core"
    xsi:schemaLocation="
      http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans.xsd
      http://cxf.apache.org/core http://cxf.apache.org/schemas/core.xsd">

  <bean id="zkClient" class="io.fabric8.zookeeper.spring.ZKClientFactoryBean">
   <property name="timeoutText" value="30s"/>
   <property name="connectString" value="localhost:2181"/>
  </bean>

  <bean id="fabicLoadBalancerFeature" class="io.fabric8.cxf.FabricLoadBalancerFeature">
    <property name="zkClient" ref="zkClient" />
    <property name="fabricPath" value="simple" />
  </bean>
  <!-- Configurando la caracteristica en el bus -->
  <cxfcore:bus>
   <cxfcore:features>
    <ref bean="fabicLoadBalancerFeature" />
   </cxfcore:features>
  </cxfcore:bus>
</beans>
```

I have read is that I need to perform a configuration

```
<jaxws:client name="{http://apache.org/hello_world_soap_http}Replica1" createdFromAPI="true">
     <jaxws:features>
          <clustering:failover/>
     </jaxws:features>
</jaxws:client>
```

which will have the role of consumer.

The role of load balancing requires Maven artifact fabric: fabric-cxf.

For that reason the following dependency added:

```
<dependency>
<groupId>org.fusesource.fabric</groupId>
```

<artifactId>fabric-cxf</artifactId>

<version>6.0.0.redhat-024</version>

</dependency>

Package to import org.fusenesource.fabric.cxf comma separated in the Import-Package list item is added.

<Import-Package>

…

org.fusesource.fabric.cxf,

*

</Import-Package>

In the console running Jboss Fuse where we introduce the following statement to add the feature fabric-cxf

JBossFuse:karaf@root> profile-edit -f fabric-cxf cxf-lb-server