

The decision module contains the SALSA tool to enable the smart deployment. SALSA is working with rSYBL which provide a set of APIs and smart deployment functionalities for the decision module.

## 1. SALSA configuration

SALSA is compile as a web service and exposes a set of API to other components. In current version, SALSA uses the information which is integrated into the project, thus there is no extra configuration needed. SALSA is deployed on Tomcat and exposed the RESTful API at URL: <http://<IP address>/salsa-engine/rest/>.

## 2. SALSA API

Below is the list of current API exposed by the SALSA smart deployment module.

#	RESTful API calls	Description
1	<b>PUT /services/xml</b> Consume: Application/XML Produce: text/plain	Submit new application structure in TOSCA format. This API returns the ID of the service managed by SALSA.
2	<b>PUT /services/{serviceName}</b> Consume: multipart/form-data Produce: text/plain	Submit new application structure via a HTML form, which can be used by a web interface.
3	<b>DELETE /services/{serviceId}</b> Consume: text/plain Produce: text/plain	Remove the service managed by SALSA.
4	<b>GET /services/tosca/{serviceId}</b> Consume: text/plain Produce: Application/XML	Get the full description of cloud application after enriching the TOSCA.
5	<b>GET /services/tosca/{serviceId/sybl}</b> Consume: text/plain Produce: Application/XML	Get the TOSCA file of the format for rSYBL which combines the application components to infrastructure.