UAA Validation

For Spring Boot 1.3.0 application below changes needs to be done for UAA validation.

## UAA Validation for REST Services

**Changes required in files**

1. Pom.xml for adding dependencies
2. Application.java for enabling resource server
3. application.properties for UAA configuration information
4. **Addition of the following dependency in pom.xml**

<dependency>

<groupId>org.springframework.security.oauth</groupId>

<artifactId>spring-security-oauth2</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.security</groupId>

<artifactId>spring-security-data</artifactId>

</dependency>

1. **Application.java for enabling resource server**

* Add the @EnableResourceServer on Application class
* Add a configure method

**public** **void** configure(ResourceServerSecurityConfigurer resources)

**throws** Exception {

resources.resourceId("openid");

}

**3) Addition of the following parameters in application.properties or (application yml)**

security.oauth2.client.clientId=<client ID>

security.oauth2.client.clientSecret=<clientSecret>

security.oauth2.client.accessTokenUri=<UAA URL>/oauth/access\_token

security.oauth2.client.userAuthorizationUri=<UAA URL>/oauth/authorize

security.oauth2.resource.userInfoUri=<UAA URL>/userinfo

**UAA changes in nginx file**

1. Add the client\_id, uaa\_authorization\_header and user\_token variables inside server tag and set the environment variables.

server

{

set $client\_id <%= ENV["clientId"] %>;

set $uaa\_authorization\_header 'Basic <%= ENV["uaa\_authorization\_header"] %>';

set $user\_token '';

Addition of Authorization header for all URL actions

#Masking the URL For the Map service.

location /connectService{

access\_by\_lua\_file <%= ENV["APP\_ROOT"] %>/set\_access\_token.lua;

proxy\_set\_header Authorization $user\_token;

rewrite /connectService/(.\*) /$1 break;

proxy\_pass https://ogib-service-dev-v2-service.run.aws-usw02-pr.ice.predix.io/;

}

2) Keep this variable in manifest.yml

env:

UAA\_SERVER\_URL:

SERVICE\_URL:

REDIS:

clientId:

uaa\_authorization\_header:

Refer the below nginx.conf file for reference

