**Drupal User RPC web Services**

Below are the steps requiring for login logout and change password using Rest API web services in Drupal 8 site.

Step 1. Install need to install "RESTful Web Services" and REST UI Modules.

Step 2. Now go on to this link /admin/config/services/rest and enable **user** entity API. GET method must be enable.

# Step 3. RPC endpoints: user/login user/login/status user/logout user/password are below

# a. Login API

# --header "Content-type: application/json" \

# --request POST "http://drupal.d8/user/login?\_format=json"

# --data '{"name":"admin", "pass":"admin"}'

# b. Login Status API

# --header "Content-type: application/json"

# --request GET "http://drupal.d8/user/login\_status?\_format=json"

# --To make this work you need to manage the cookie from 'login'.

# c. Logout API

# --header "Content-type: application/json" \

# --request POST "http://drupal.d8/user/logout?\_format=json&token=logout-token"

# d. Password Change API

# --header "Content-type: application/json" \

# --request POST "http://drupal.d8/user/password?\_format=json" \

# -data '{"name": "admin"}' or {"mail": "test@example.com"}

# Should return "200 OK" and trigger a password reset email to be sent to the email address of the provided user account.

# e. Image Upload API

# --header "X-CSRF-TOKEN: CSRF\_TOKEN" \

# -- Request POST <http://site_url/fileupload?_format=json>

# -- Date : File name : image.

# Acquia cloud website Dev URL: <http://s5e1c3eeece485c6km8tkhv8.devcloud.acquia-sites.com/>

# Composer configuration steps

# Need to install below items,

# Install Cygwin ([www.cygwin.com](http://www.cygwin.com))

# Install necessary packages at the time of cygwin install.

* Ncurses package
* Git Package
* Bsdtar package
* Curl package

# Add path cygwin64/bin path at Environment variables

# Download and Install composer from (<https://getcomposer.org/download/>)

# Install drush 8 using composer, using below command.

# composer global require drush/drush:8.\*

# Add below script in Composer.json file

# *"require-dev": {*

# *"drupal/console": "dev-master"*

# *},*

# Check memory

# *php -r "echo ini\_get('memory\_limit').PHP\_EOL;"*

# Update it to 2G in php.ini file

# Run

# composer config repositories.drupal composer https://packages.drupal.org/8 && composer require drupal/simple\_oauth:^4

# Next install

# Consumers

# Simple oauth

# Generating a key pair for Simple OAuth

Run the following commands:

*$ openssl genrsa -out private.key 2048*

*$ openssl rsa -in private.key -pubout > public.key*

Save the path to your keys in: /admin/config/people/simple\_oauth