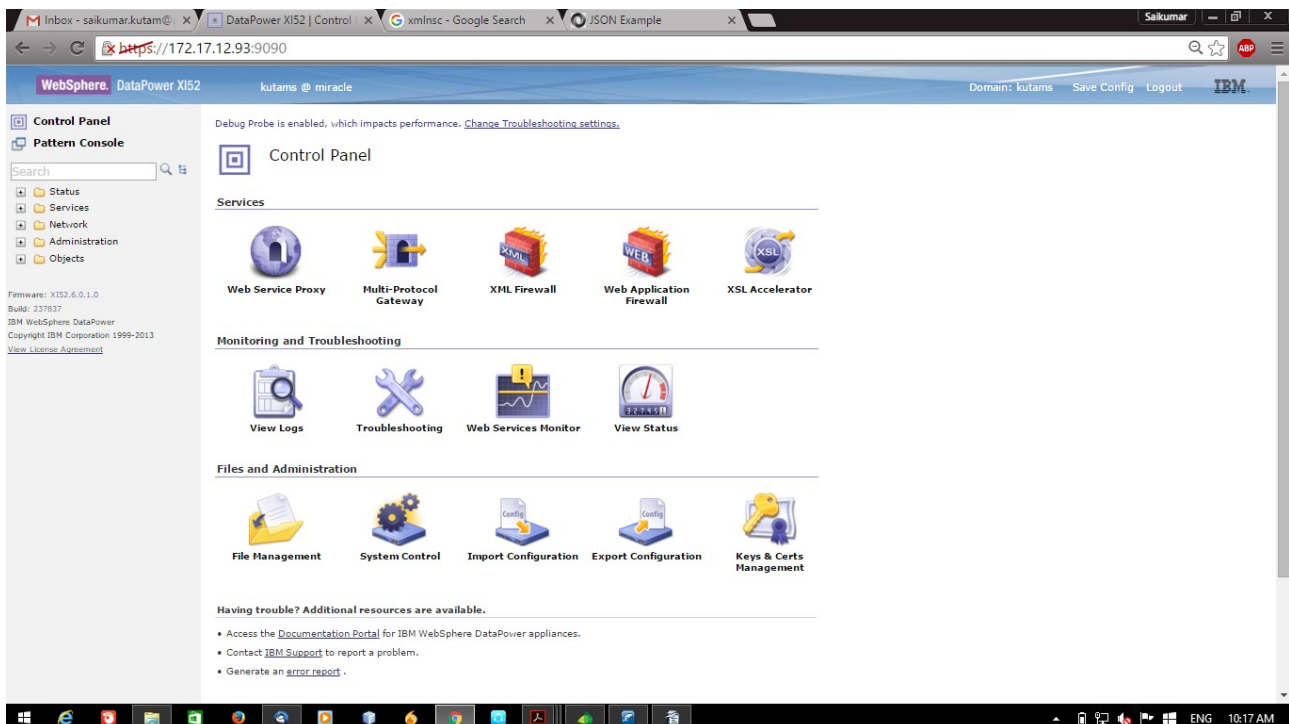


# Accepting JSON as Payload

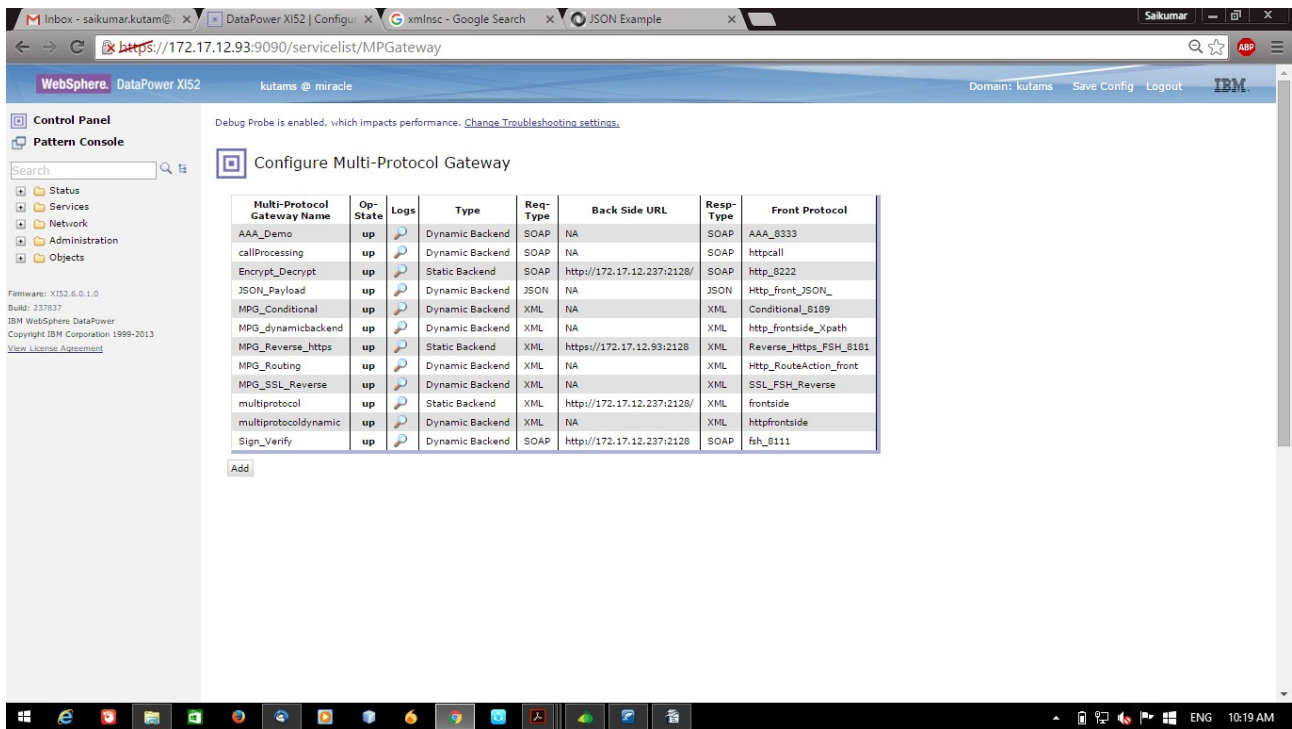
In this task we are able to generate the request and response as in JSON format.

The steps to follow are as mentioned below:

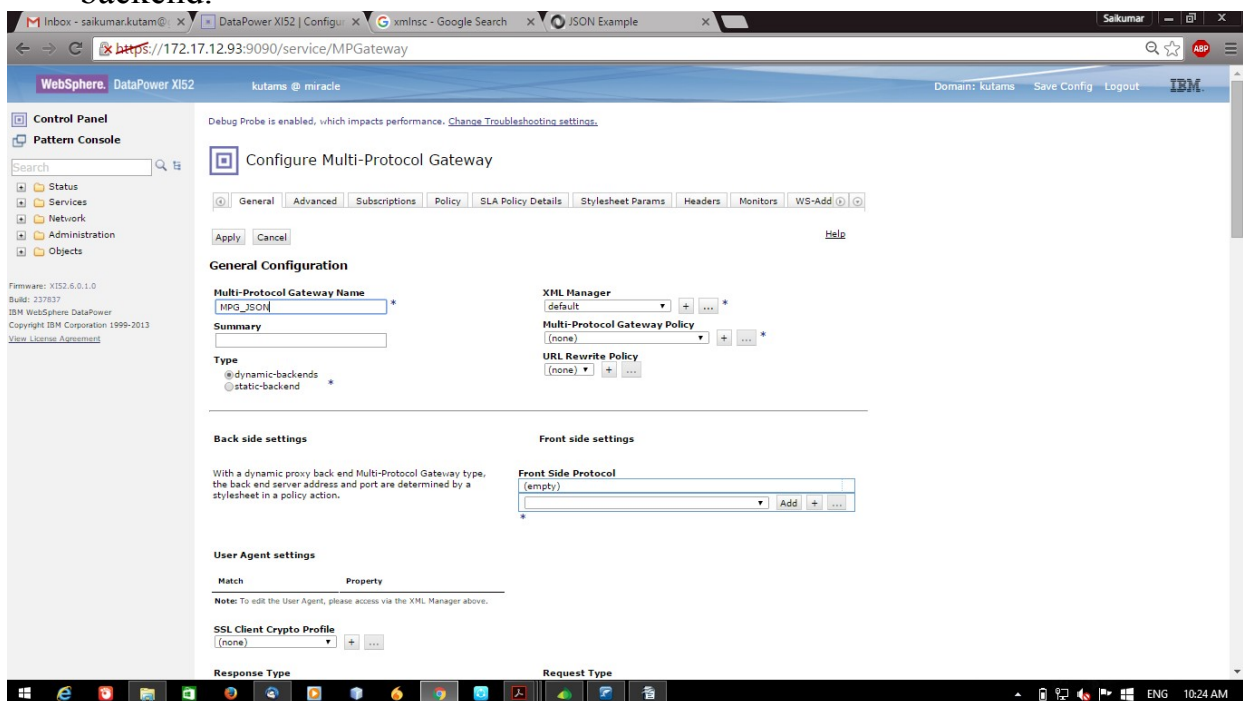
1. Login to the DataPower appliance with your credentials.
2. Select the Multi Protocol Gateway service from the control panel.



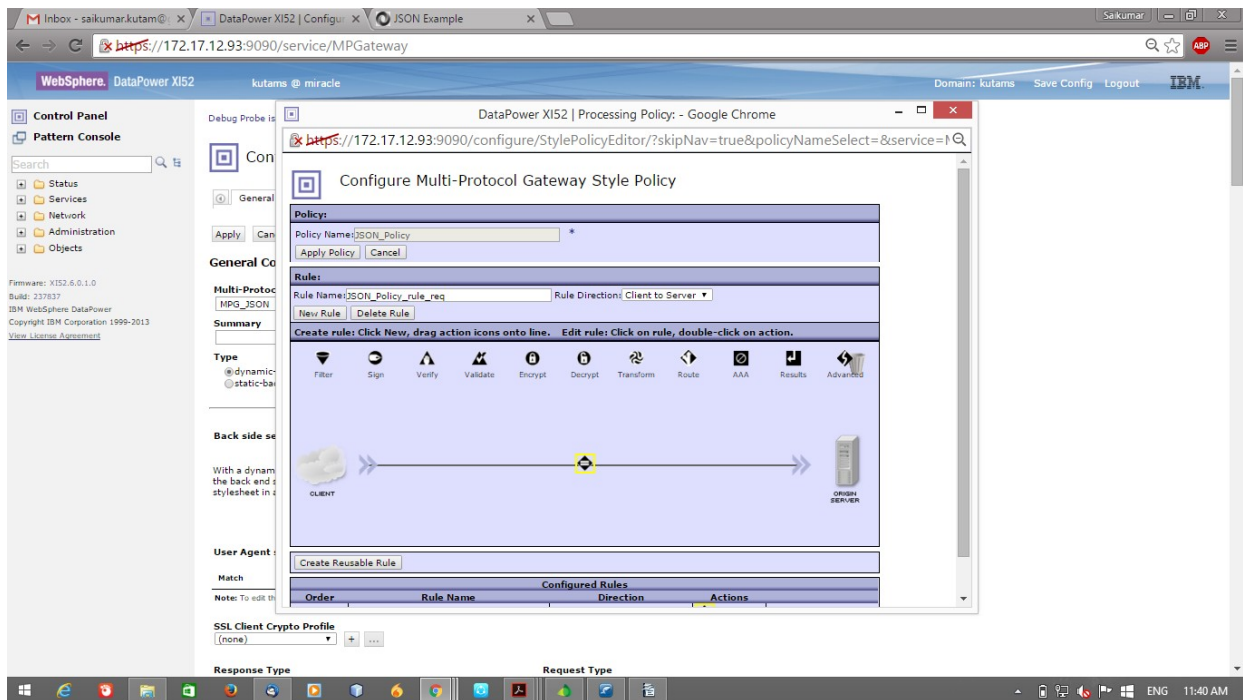
3. Create a new service by clicking Add button.



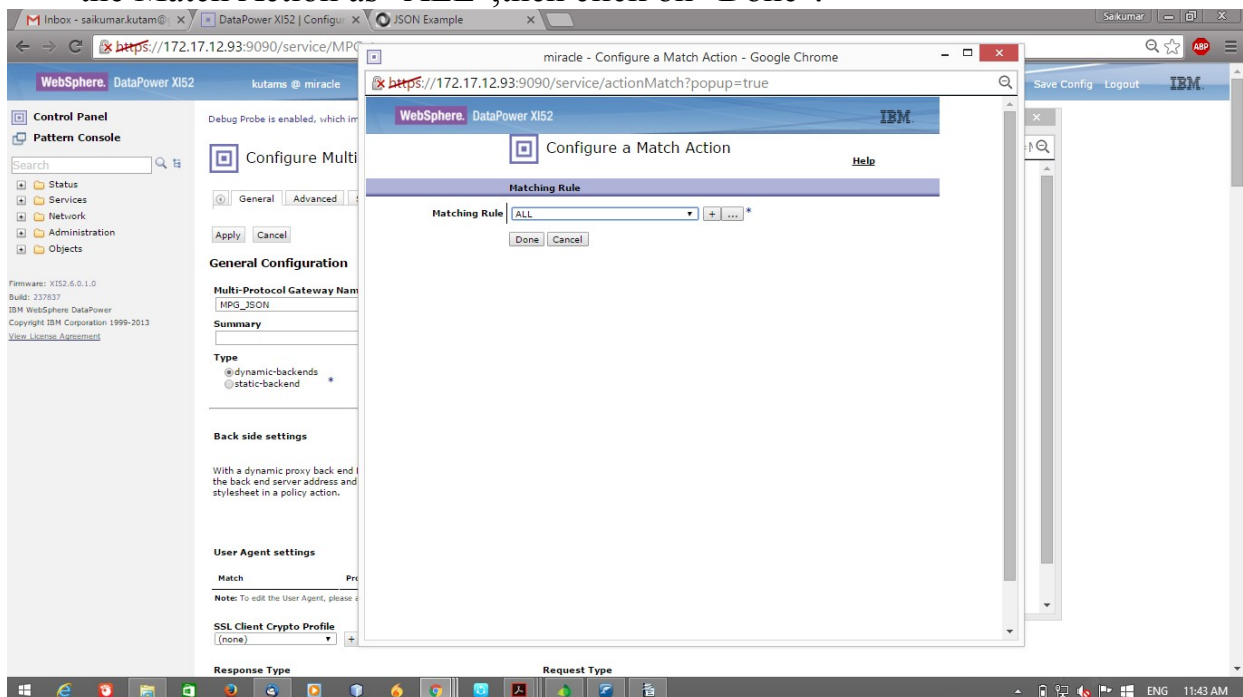
4. Enter the name for the Multi Protocol Gateway and set the type as Dynamic backend.



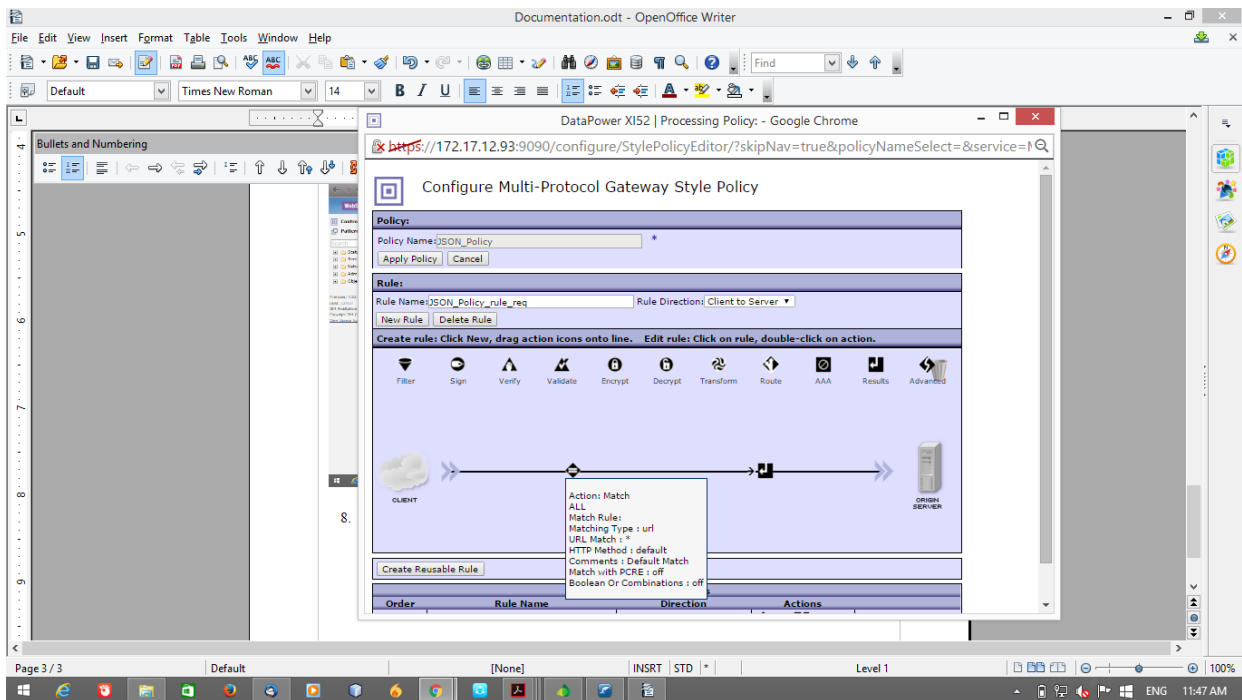
5. Create a Multi Protocol Gateway Policy by clicking on the "+" button in the Multi Protocol Gateway Policy.
6. Next, we have to create the rules for the Client to Server and from Server to Client.  
Client to Server rule:



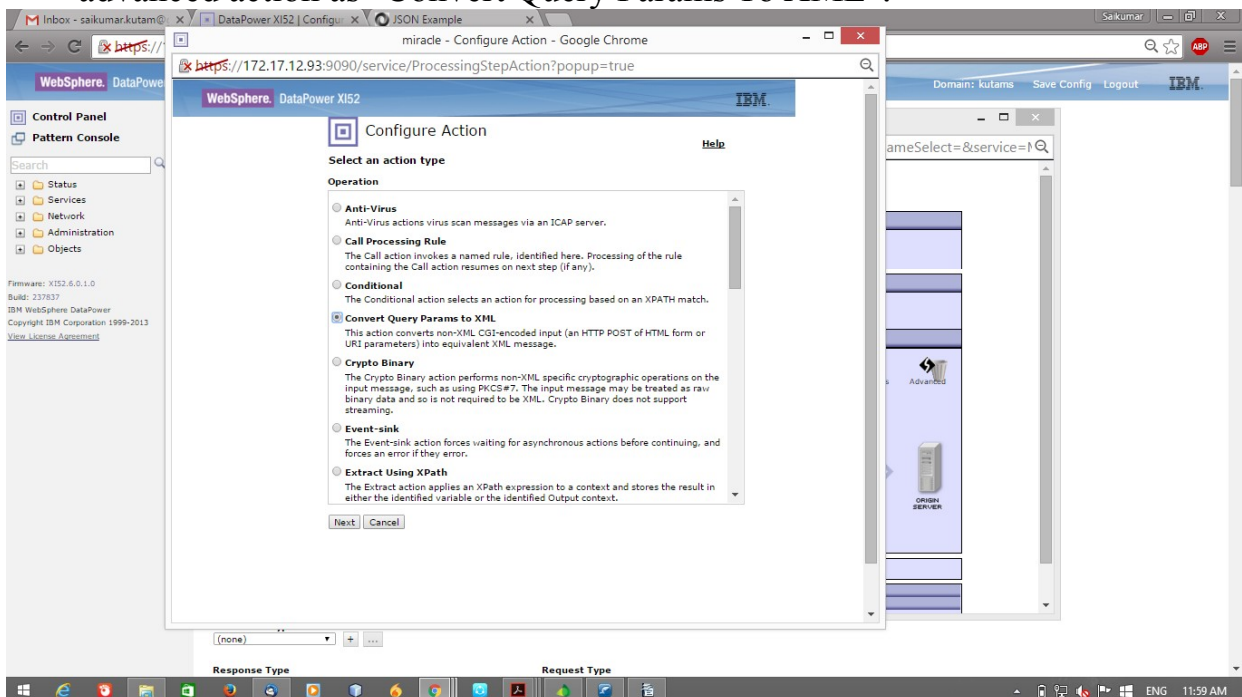
7. Double click on the Match action, the following window will open. Then set the Match Action as "ALL", then click on "Done".



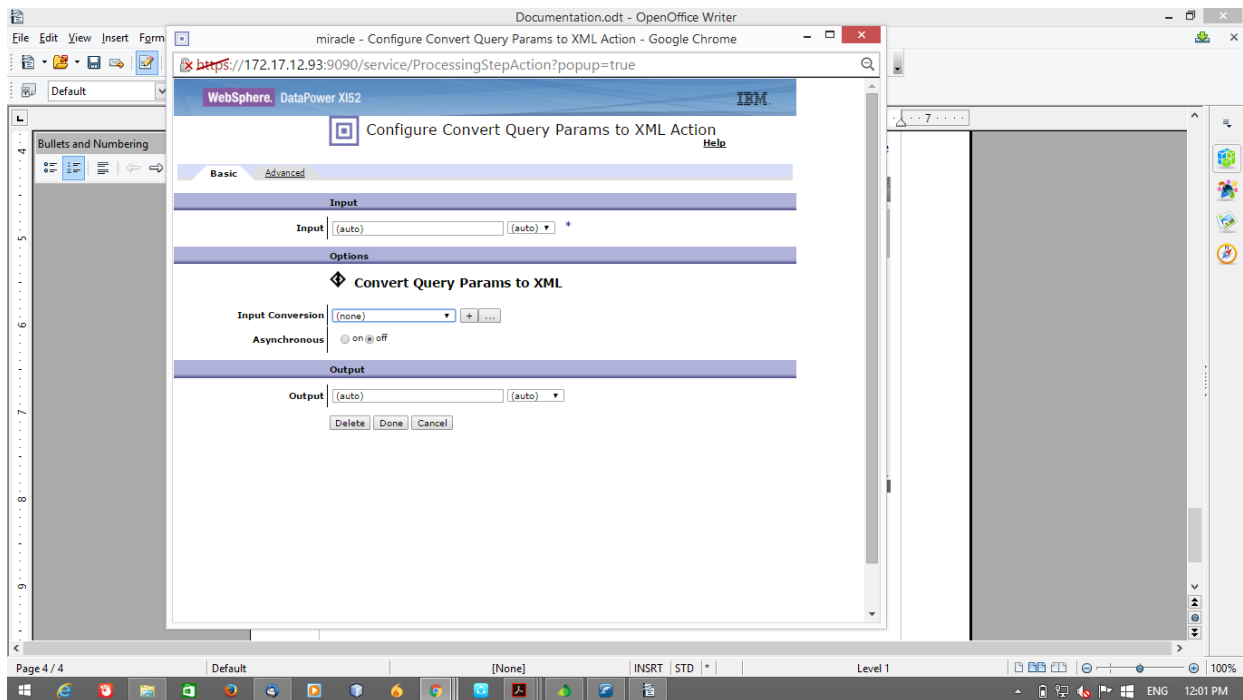
8. Then drag the Result Action on to the Client to Server rule as shown below.



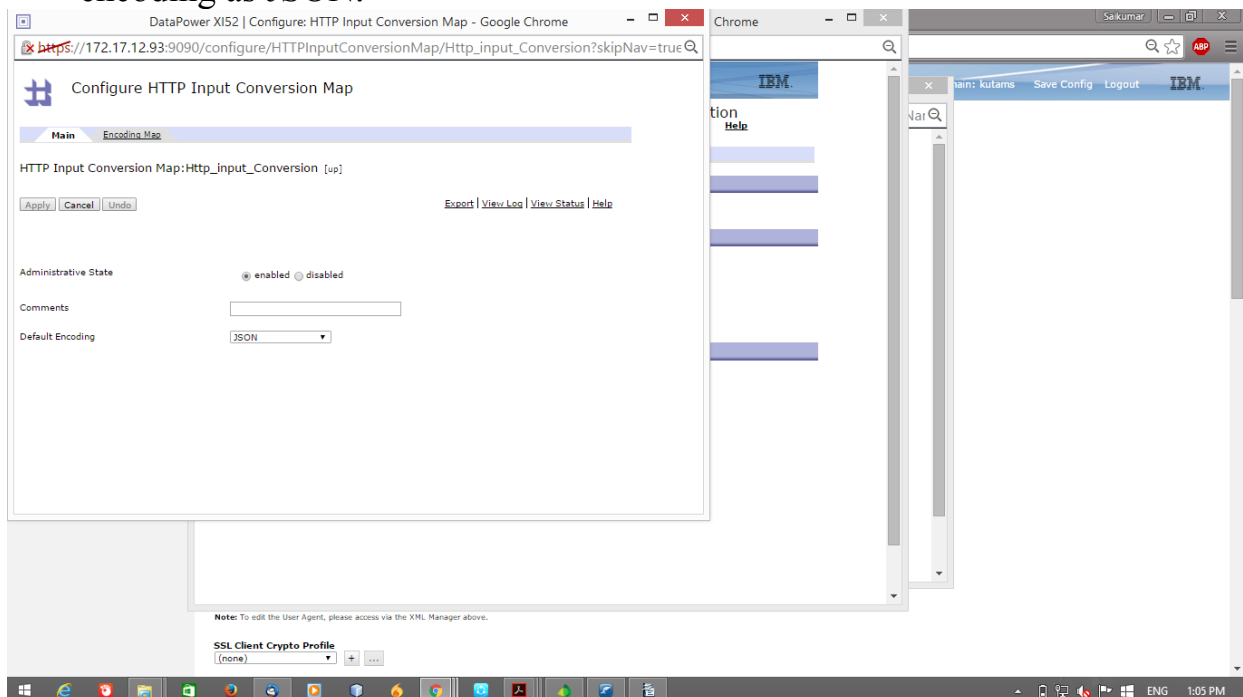
9. Then drag the Advanced Action on to the Client to Server rule, then select the advanced action as "Convert Query Params To XML".



10. Then click on Next, the following window will appear.



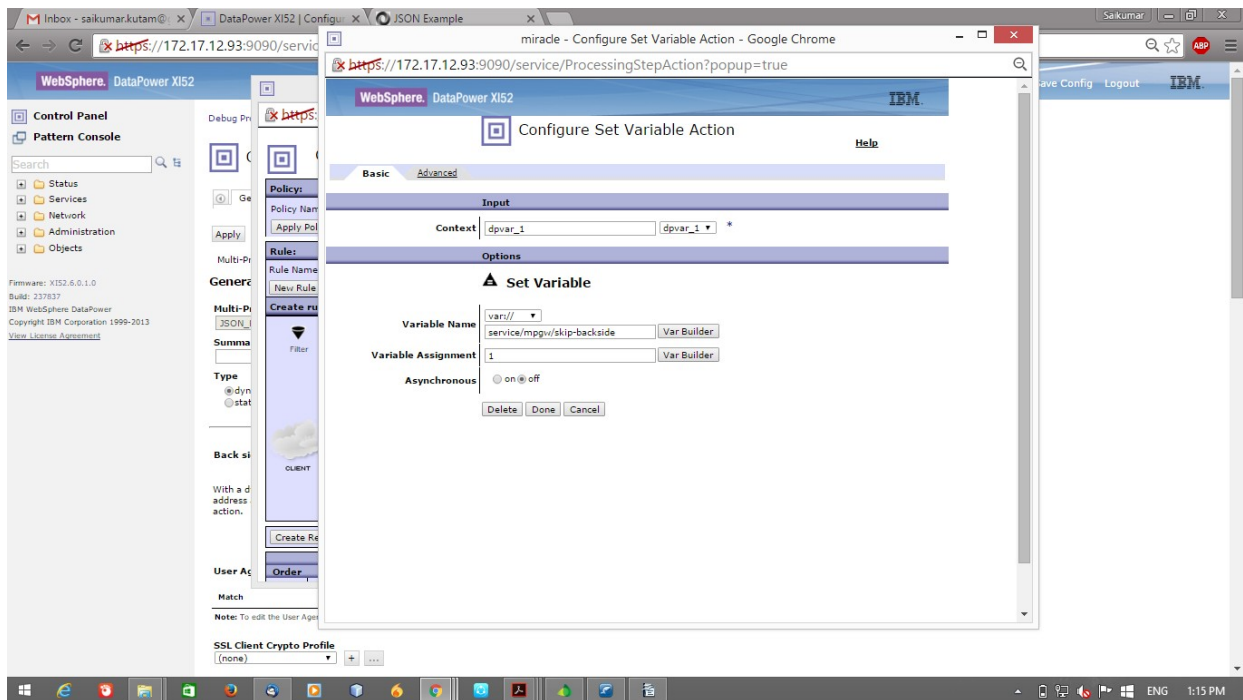
11. Click on "+" button at **Input Conversion** and name it. Then select the default encoding as JSON.



Then click on Apply.

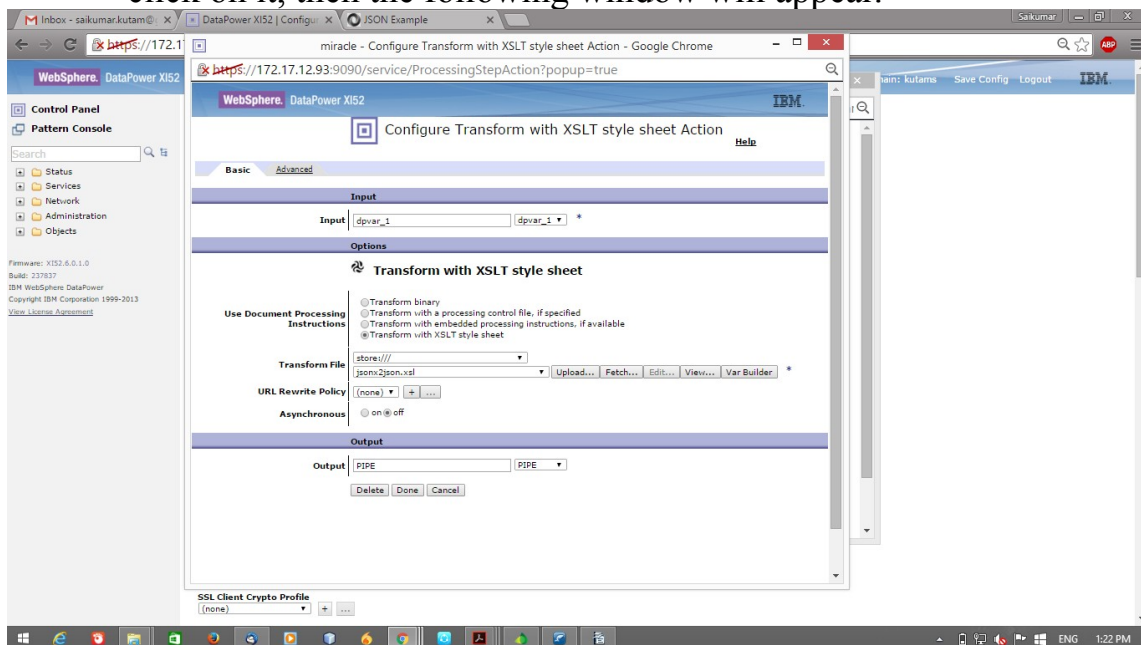
Click on Done.

12. Then, drag the Advanced Action on to the Client to Server rule, select the Set Variables action to set the loopback to the current service.



Set the Variable Name by selecting the "service/mpgw/skip-backside" from VarBuilder and set "1" as the Variable Assignment as shown in above picture. Then click on "Done".

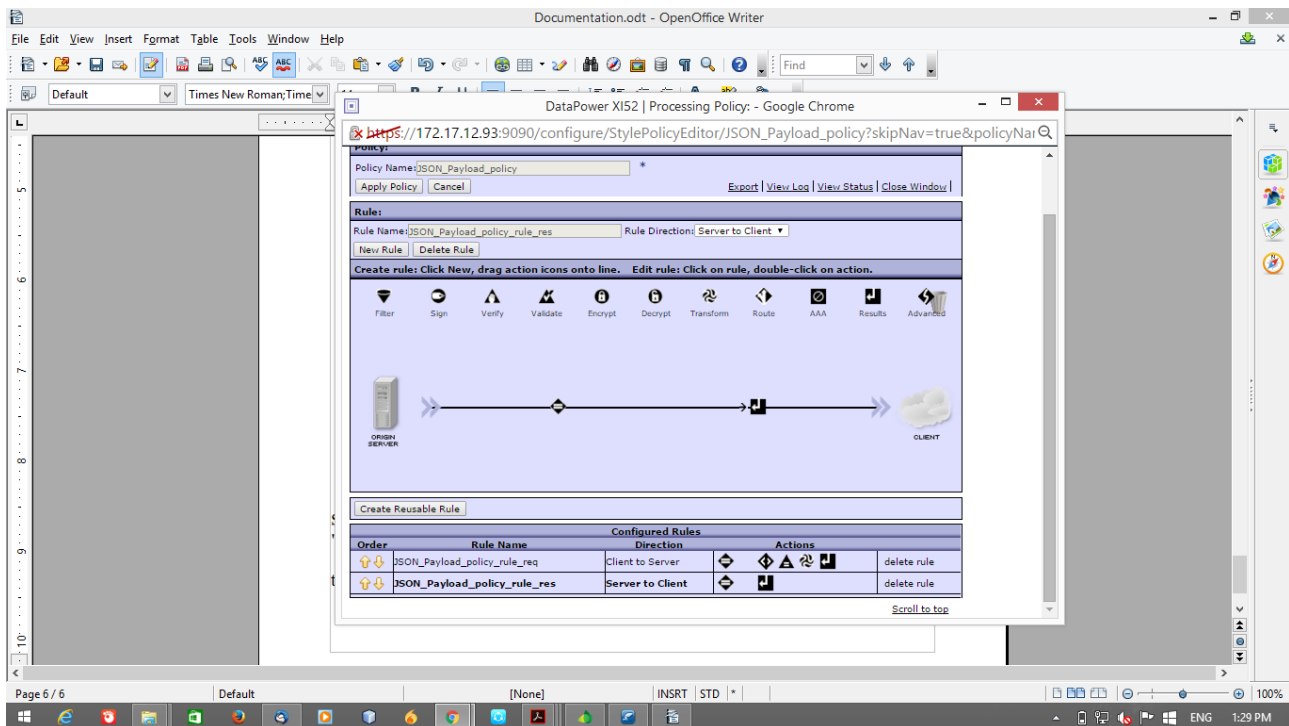
13.Next, drag Transform Action on to the Client to Server rule. Double click on it, then the following window will appear.



Select the jsonx2json.xsl file from store:/// in the Transform File field. Click on "Done".

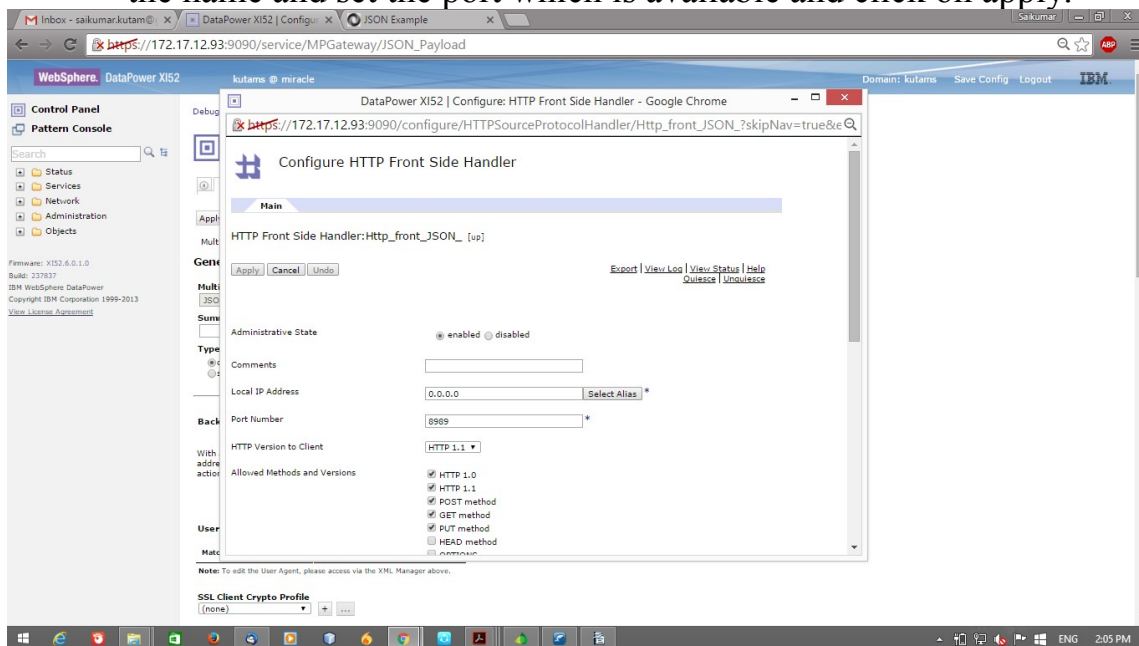
14.Next, create a Server to Client rule by applying the Match Action and setting the Result Action.



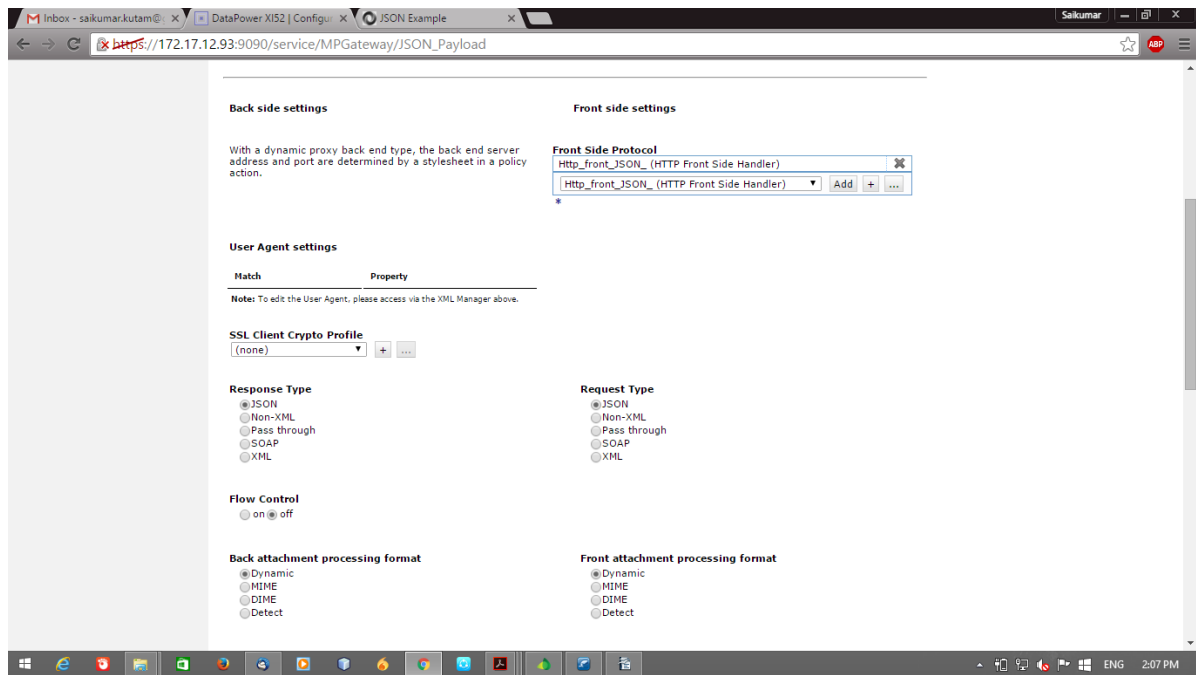


After that click on the Apply Policy and it will be redirected to the service page.

15. Create a Http Front Side Handler in the Front Side Protocol field. Give the name and set the port which is available and click on apply.



16. Set the Response type and Request type as JSON. Then click on Apply and Save the configuration.



17. Open SOAP UI and send the request in the form of JSON, after execution it will give the output in the form of JSON as shown below.

