



## Technical Exercise for Platform Engineering | Cloud Integration

### Weather RAML Exercise

Develop a RESTful API using RAML and the 4.x version of the Mule runtime that exposes the following web service.

<http://www.webservicex.com/globalweather.asmx?WSDL>

- The API must follow RESTful design principles
- The API must use DataWeave code to transform the message
- The API must provide suitable error handling (e.g. bad input message)

If the external service is not available, please use the linked Docker image in place of the actual webservice service.

### Deliverables

Please provide:

- a Github repository with the code,
- technical specification document suitable for submission to a customer, and
- commentary on design decisions and what you found challenging along with how you resolved any issues.

We know the Web Service is sometimes unavailable, so please find a NodeJS/Docker version at <https://www.dropbox.com/s/4o3yqjikq1td96c/weatherExerciseDockerFile.zip?dl=0>

Once you have read through the challenge if you could please email [dahlhaus@deloitte.com.au](mailto:dahlhaus@deloitte.com.au) with an expected completion date in order to schedule the interviews accordingly