

Creating the API Endpoint URL's using Actions on IBM Cloud

Please follow the instructions given below to create API Endpoint URL's.

1. Create the Action

1. Navigate to the resources page - <https://cloud.ibm.com/resources>.
2. Go to Functions -> Actions
3. Create an Action named get-dealership by choosing language as node.js
4. Select the package as dealership-package
5. Method used will be GET METHOD
6. Parameters for this action will be None since this will retrieve all the dealership details from the DB

2. Update the code for the Action

1. Once the Action is created, click on it and update the code for the get-dealership action in the code page.
2. Save the code and invoke the action (without parameters) to test if it's generating the desired output (as given in the Instructions page)

3. Get the Endpoint URL's

1. Click on Endpoints, and check the "Enable as Web Action" and save.
2. You will be able to see the Public URL (which does not need authentication) and the POST URL (which need API Authentication) to access.

Please see the screenshot below:

Functions / Actions / get-dealership

dealership-package/get-dealership Web Action

Namespace: Namespace-test-15Sep(Dallas)

Code

Parameters

Runtime

Endpoints

Connected Triggers

Enclosing Sequences

Launch Logging

Launch Monitoring

Web Action

☒ Enable as Web Action

Allow your Cloud Functions actions to handle HTTP events. Web Actions allow to control the response data and type by using a set of URL extensions, such as .json or .html. Learn more about [Web Actions](#).

Note: The Web Action URL below requires to return a dict object that contains a body property.

☐ Raw HTTP handling

When enabled your Action receives requests in plain text instead of a JSON body

HTTP Method	Auth	URL
ANY	Public	https://us-south.functions.appdomain.cloud/api/v1/web/b7996b9e-daf1-4803-be1d-a0ab7b22fe1e/dealership-package/get-dealership

REST API

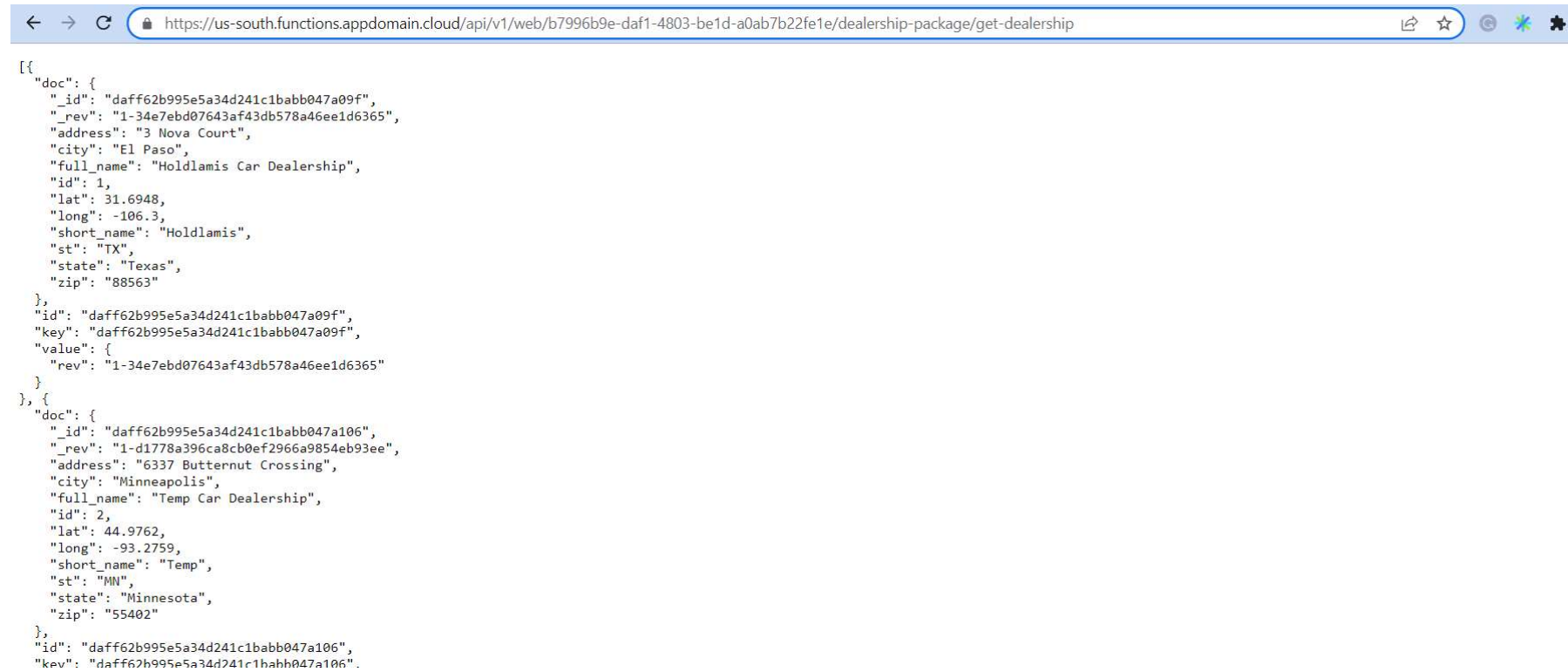
HTTP Method	Auth	URL
POST	IAM TOKEN	https://us-south.functions.cloud.ibm.com/api/v1/namespaces/b7996b9e-daf1-4803-be1d-a0ab7b22fe1e/actions/dealership-package/get-dealership

CURL

```
curl --request POST --url 'https://us-south.functions.cloud.ibm.com/api/v1/namespaces/b7996b9e-daf1-4803-be1d-a0ab7b22fe1e/actions/dealership-package/get-dealership?blocking=true' --header 'accept: application/json' --header 'authorization: Bearer <IAM token>'
```

3. Copy the Public URL and try opening it from a new browser to see if it returns the dealerships in a JSON format.

Please see the screenshot below:



Note: Please note that using Public URL is not recommended for Production. In real time scenarios please use the URL with the IAM Authentication for security purpose.

Please follow the same steps for the next two actions:

1. /get-review - Choose language as Python , package as dealership-package and method as GET METHOD
2. /post-review - Choose language as Python and package as dealership-package and method as POST METHOD

To check whether the URL is working, kindly use Postman Online. If you do not know how to use Postman, kindly click [here](#).