**Basic Authentication with URL:**

Inside IOT Cloud Function create a APP inside that api key and authentication token: Note that:

Username = apikey

Password = Authentication token

<https://USERNAME:PASSWORD@openwhisk.ng.bluemix.net/api/v1/namespaces>.

Basic Authentication using Node.js Request api

Tutorial: <https://www.haykranen.nl/2011/06/21/basic-http-authentication-in-node-js-using-the-request-module/>

**HOW TO MAKE WEBPACK:**

**Dependencies**

npm install –g webpack

npm install webpack --save

**webpack.js**

var path = require('path');module.exports = {  entry: './index.js', output: { path: path.resolve(\_\_dirname, 'dist'),    filename: 'bundle.js' }, target: 'node'};

**add build key in the scripts of package.json:**

"scripts": {   "build": "webpack --config webpack.config.js" }

**Build:**

npm run build

**Deploy this function to IBM FUNCTIONS:**

**ibmcloud wsk action update GrenerateJWT dist/bundle.js --kind nodejs:8**

**Tutorial for IBM Cloud Functions:** <https://medium.com/@yunyuenchan/how-to-use-npm-module-in-ibm-cloud-functions-a0c76154e85>

**#Note: if you are using get post service dont forget to send the promise otherwise not result will be shown**

**Tutorial:** <https://stackoverflow.com/questions/51943158/calling-http-get-requests-from-ibm-cloud-functions-using-nodejs>

**/\***

**const request = require('request-promise');**

**function main(params) {**

**return request("https://jsonplaceholder.typicode.com/todos/1").then(response => {**

**process.stdout.write(response);**

**});**

**}\*/**

**const https = require('https');**

**function main(params) {**

**return new Promise((resolve, reject) => {**

**https.get('https://jsonplaceholder.typicode.com/todos/1', (resp) => {**

**resp.on('data', (d) => {**

**process.stdout.write(d);**

**resolve({})**

**});**

**});**

**})**

**}**