Serverless and AWS Setup Guide

A. Setting up an AWS Account

Before you can use the Serverless framework, you'll need to setup an active AWS account. Follow the instructions below if you haven't setup an account already.

1. Go to https://aws.amazon.com and signup for a free account.
2. Login to your new AWS account
3. Go to Services > Security, Identity & Compliance > IAM
4. From the IAM Dashboard, go to Users > Add User
5. Type in any username and enable 'Programmatic access'. Hit Next.
6. Click Attach Existing Policies directly and check 'AdministratorAccess' from the list of policies.
7. Click Review and from the page that appears, make a note of the Access Key ID and Secret access key values. These will not be shown again, so make a note now or keep the page open while we set it up.
8. Now, if you do not have the AWS CLI installed already, go to https://aws.amazon.com/cli/ and install one for your operating system. Instructions are available on the page.
9. Once installed, open the Terminal/Command Prompt, type 'aws configure' and press enter. This will ask you for the Access key ID and Secret access values. Copy and paste them in one by one as asked. Leave the region to defaults and output format to default and finish the setup. Your machine is now configured to talk to your AWS account.
10. **IMPORTANT** : Make sure you keep an eye on billing for your account once you deploy your code. This will prevent inadvertent charges from being applied on your system.

B. Setting up the Serverless CLI

Now that we have an AWS account configured and ready, let's install the Serverless framework CLI which makes it easy for us to setup and deploy Serverless code to AWS Lambda.

1. If you do not have the CLI installed already, type **npm i -g serverless**
2. To create a new NodeJS Lambda template, type **sls create --template aws-nodejs --path my-service**