

SC5

AWS SERVELESS WORKSHOP SETUP

*Getting prepared*

# PRE-TAKEOFF CHECKLIST (1/3)

- A laptop with Node 4 (recommended), 5 or 6 installed
- An AWS account (<https://aws.amazon.com/free>)

A credit card is required although no charges should occur from this workshop

- AWS CLI (optional)

(<http://docs.aws.amazon.com/cli/latest/userguide/installing.html> OR

"brew install awscli" for OSX homebrew users)

# PREPARE AWS IAM USER FOR HACKATHON

1. Log in to AWS
2. Go to Services -> Identity and Access Management
3. Create a new user (take note of the access key + secret)
4. Click on the new user and select the "Permissions" tab
5. Attach the "Administrator access" policy to the user

Note: In real life scenarios, you would not assign administrator privileges but more finegrain permissions.

# SETTING UP AWS CREDENTIALS ON LAPTOP

## AWS CLI INSTALLED

```
> aws configure
```

Enter access key / secret  
provided to IAM user.

Default region: eu-central-1

Default output: json

## AWS CLI NOT INSTALLED

Create following files with following  
info. No Windows filename suffixes!

**~/.aws/config**

```
[default]
region = eu-west-1
output = json
```

**~/.aws/credentials**

```
[default]
aws_access_key_id = AKIAI***
aws_secret_access_key = ****
```

# TESTING THE SETUP

```
> mkdir awstest  
> cd awstest  
> npm install aws-sdk
```

Create awstest.js based on right frame

```
> node awstest.js
```

You should get your IAM account name as a response if set up correctly.

## **awstest.js:**

```
var AWS=require('aws-sdk');  
var IAM = new AWS.IAM();  
IAM.getUser(function(err, data) {  
    console.log(data.User.UserName)  
});
```