

# Preparation for the Hands on Labs

## Getting Set up on AWS

### Create an AWS account

<http://aws.amazon.com/>

### Visit the IAM (Identity and Access Management) web console

<https://console.aws.amazon.com/iam/>

### Create an IAM Group

- Navigate to the groups panel and create a new group
- Create a new group, such as "Admins" and continue to the next steps
- Pick a policy, in our case we'll choose "AdministratorAccess" and continue to the next step
- Review everything and finish things up by creating the group

### Create an IAM User

- Navigate to the users panel and create new users
- Type a user in the first box, such as "Nick"
- Show and **download your security credentials to a safe place**
- Select your user from the list and go to user actions
- Click add user to groups from the drop down list
- Select the IAM group from before and add the user to this group

### Create a resources.txt file in the course's folder

- Follow along with the video

### Create a custom password for the IAM User

- Navigate to the account settings panel
- Enter in a password policy that makes sense for you and apply it
- Navigate to the users panel
- Select your user from the list and go to user actions
- Click manage password from the drop down list
- Select assign a custom password
- Enter in a password for this user and apply it

### Verify you can sign in as your IAM User

- Navigate to the IAM dashboard
- Copy the IAM sign-in link (optionally customize it)
- Log out of your AWS account
- Paste the IAM sign-in link
- Login with the user and password you just created