# ADD AUTHENTICATION SERVICE

## Create Authentication Components

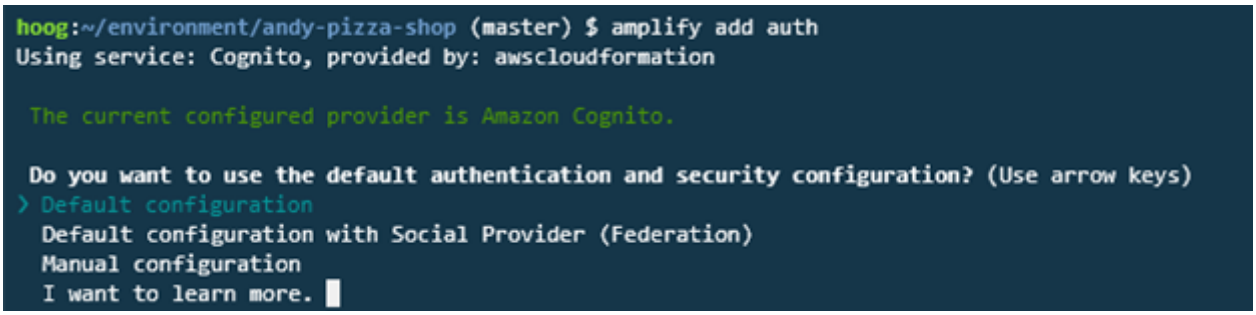
Next, you will add authentication capabilities for our application using Amazon Cognito. To do this, we simply need to run the following command from our project directory:

```
amplify add auth
```

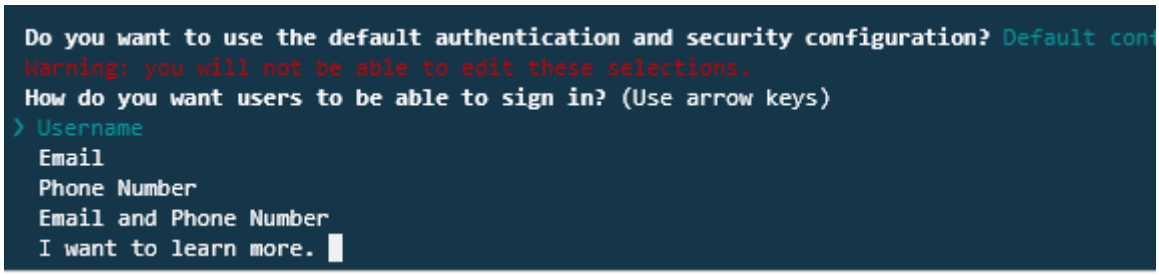
**Note**

You can only add one Authentication provider to your Amplify project.

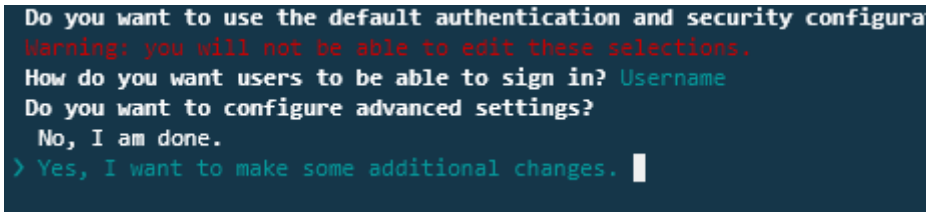
Select **Default configuration** for the first choice.




Select **Username** for the user to sign in with a username:

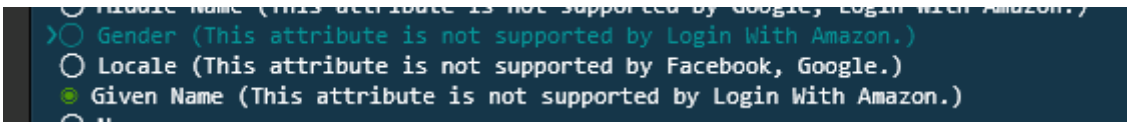



Select, **Yes I want to make additional changes**. We do this because we want to require some additional profile fields:




In the next step, highlight these additional attributes (by using the space bar):

- Given Name (e.g., First name)
- Family Name (e.g., Last name)
- Address




Press **Enter** to accept the changes. Then press **Enter** again to bypass any additional capabilities and to complete the authentication setup.

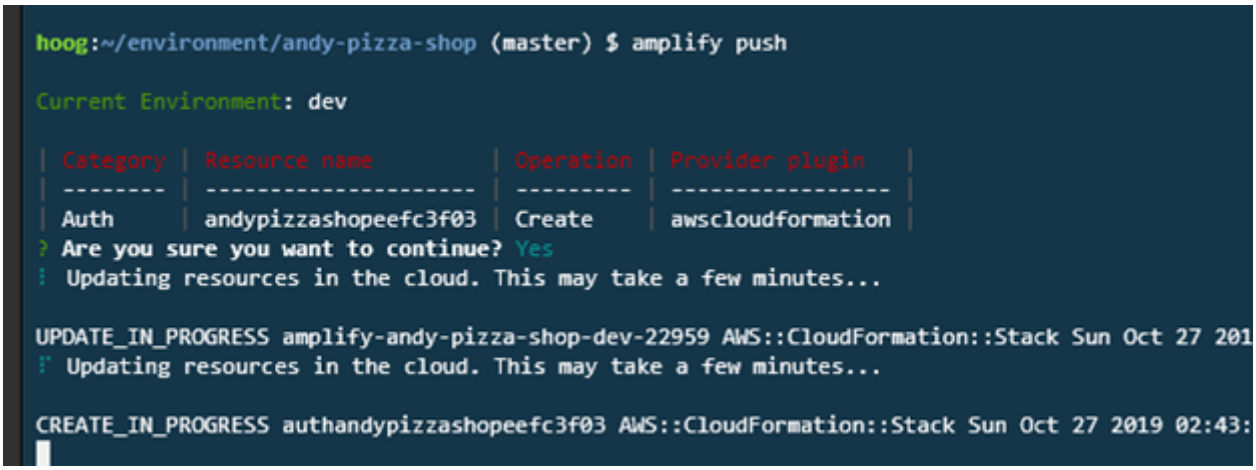
# Push the authentication changes to AWS

The **amplify add auth** command only saved files locally. We need to run the **amplify push** command to deploy our changes to our AWS account.

To push our changes to AWS, run the following:

```
amplify push
```

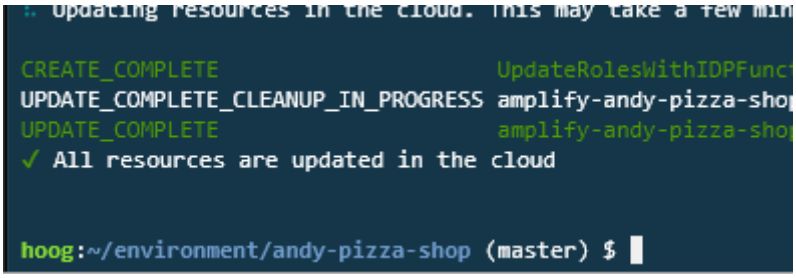
You will be prompted to complete the changes. Select **Y** and the deployment will begin.




Tip

You can run the **amplify status** command to get a list of all pending and completed changes for your project.

Once the deployment is completed, you will receive a success message.


CREATE_COMPLETE UpdateRolesWithIDPFunc
UPDATE_COMPLETE_CLEANUP_IN_PROGRESS amplify-andy-pizza-sho
UPDATE_COMPLETE amplify-andy-pizza-sho
✓ All resources are updated in the cloud
hoog:~/environment/andy-pizza-shop (master) $