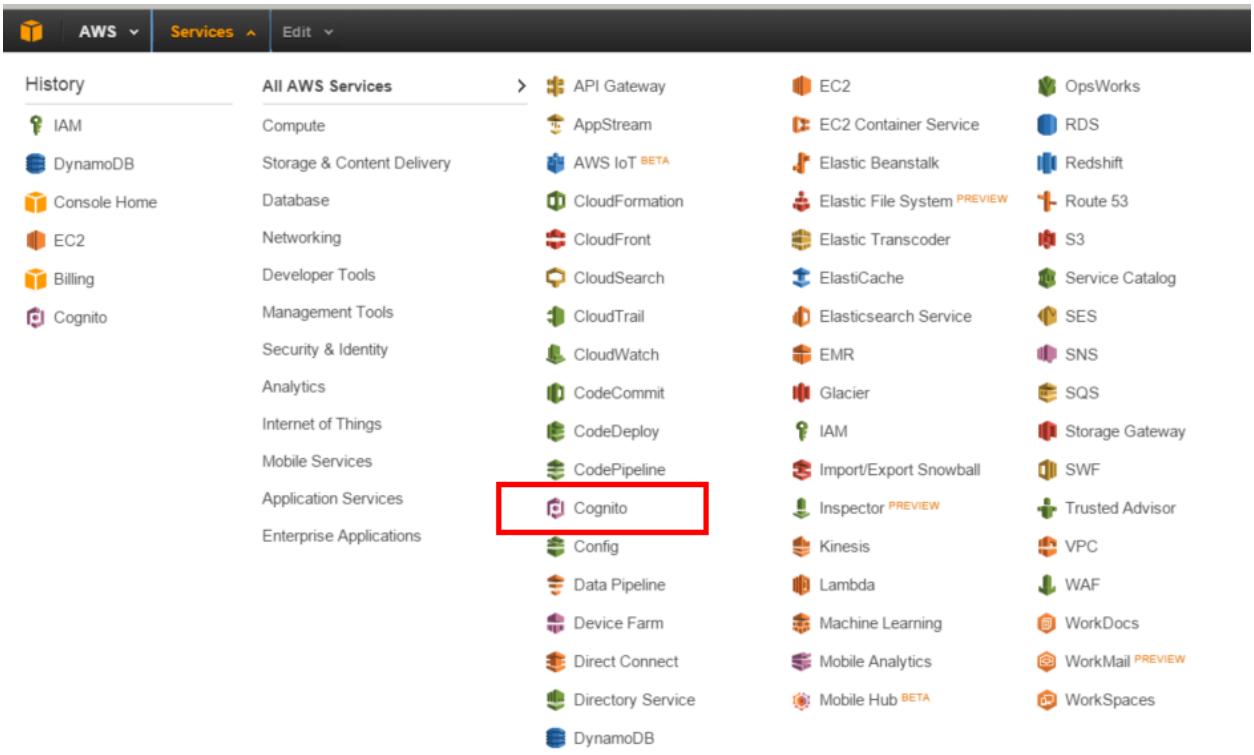
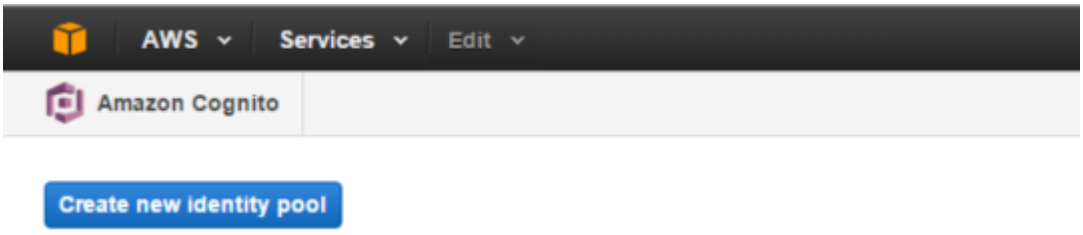
AWS Cognito Setup Primer

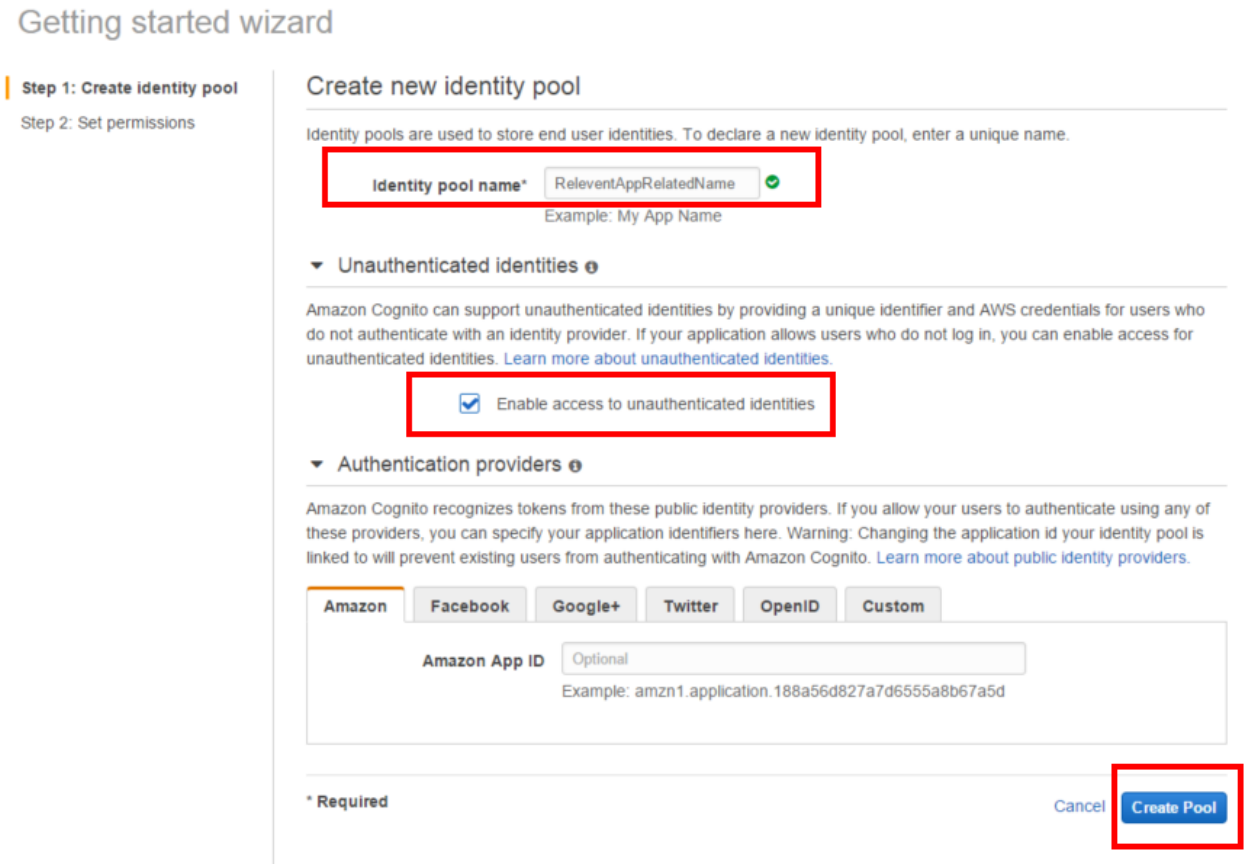
1. Log into AWS console, select 'Cognito' from service tab



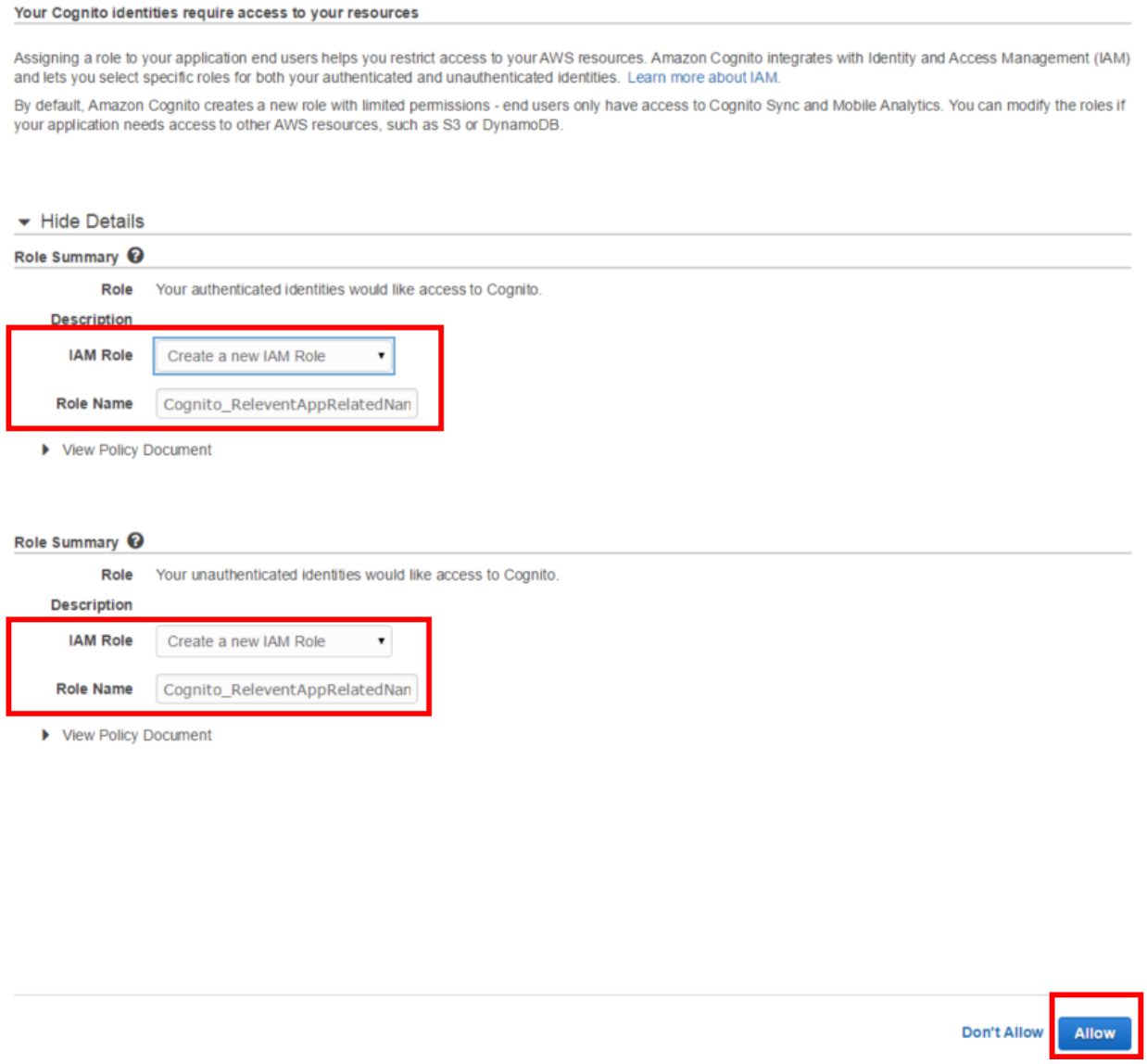
2. Create new Identity Pool with some name relating to your game



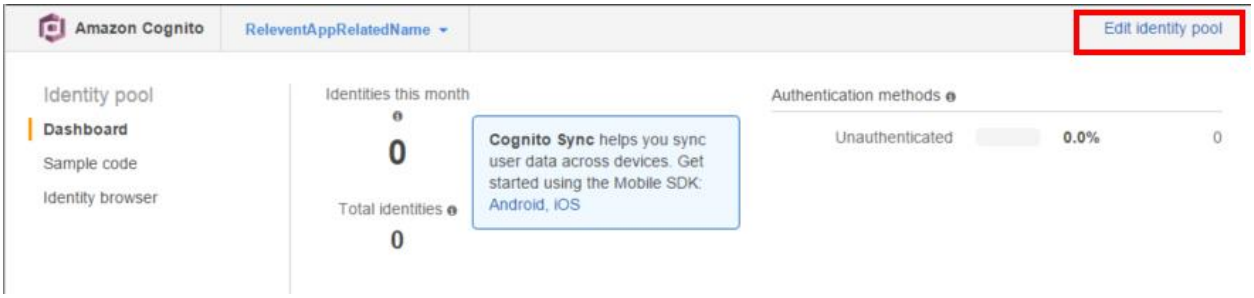
3. IMPORTANT: If you are not going to create / use a custom provider (which DDBHelper does not currently support, but if you know what you're doing shouldn't too hard to add since you have all the source code) you MUST allow Unauthenticated identities access. Anything that is not from Facebook, Google+, Amazon, etc. is unauthenticated.



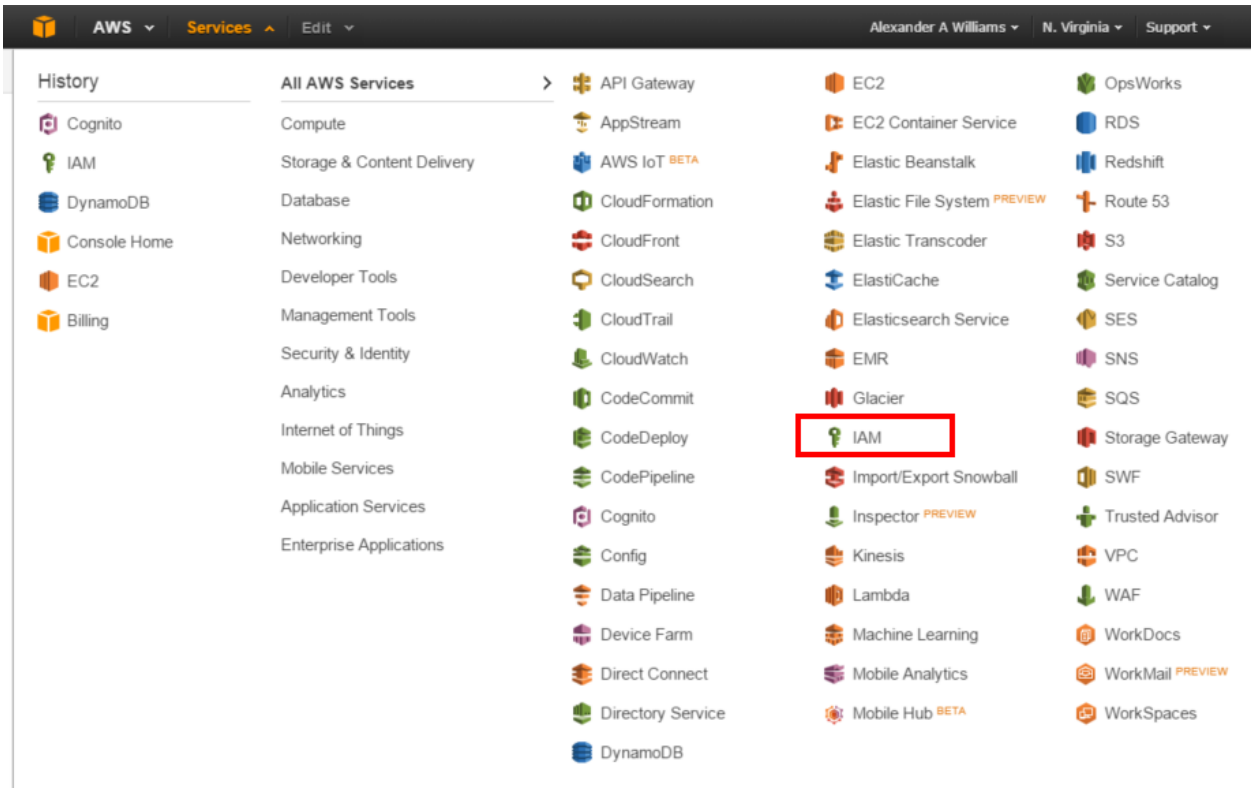
4. The next page is creating your IAM roles, which later you will provide access to resources. The names are filled in for you already. There are two roles, authenticated and unauthenticated. As stated earlier, we are doing unauthenticated access since it is anonymous login and not using an authentication provider.



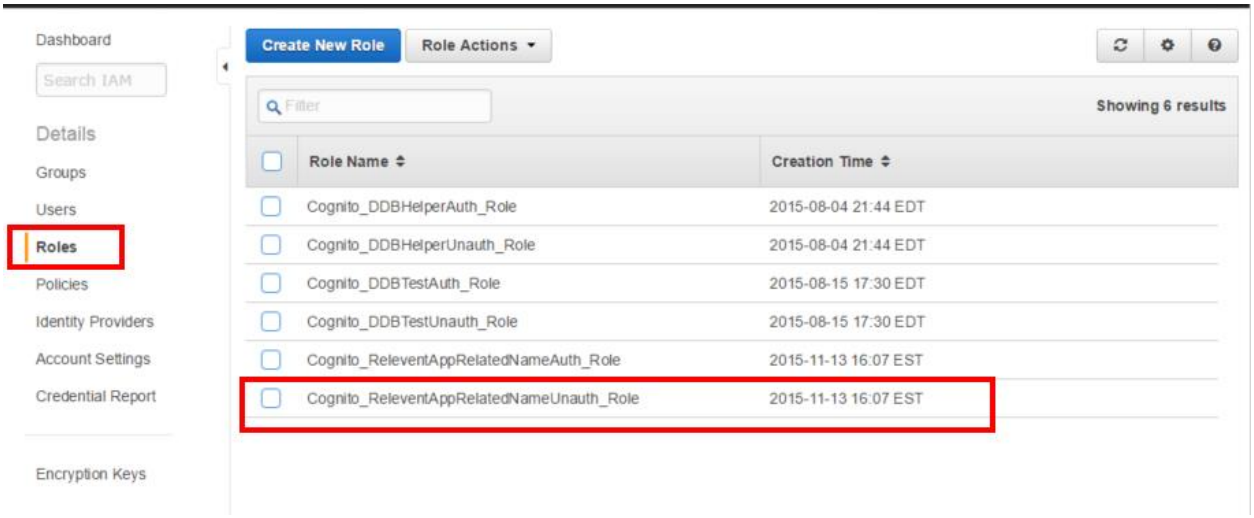
5. If you want to change your pool identity settings, even after creation, there is a link in the upper-right of the page for 'Edit Identity Pool'



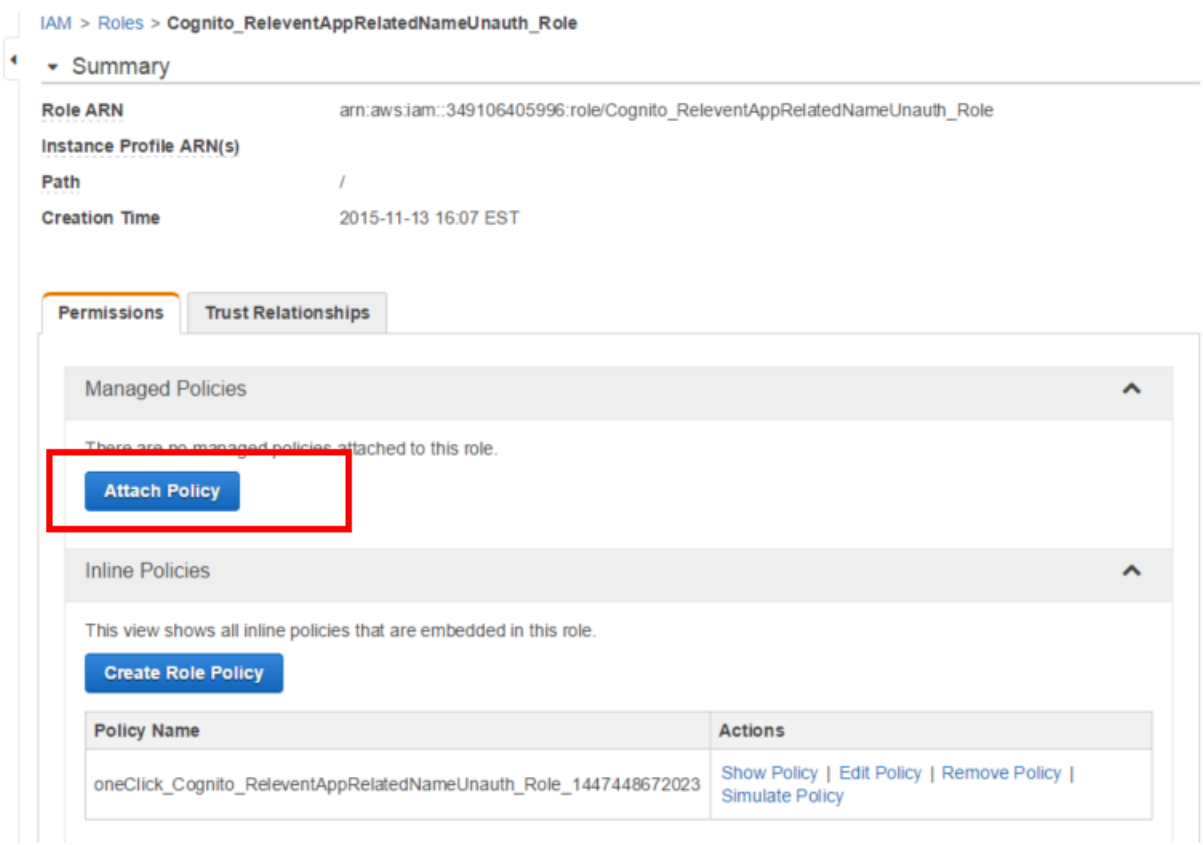
6. Now that the Identity Pool is created, and the Roles, we need to give the Roles access to resources. Select the IAM link from the AWS Services dropdown.



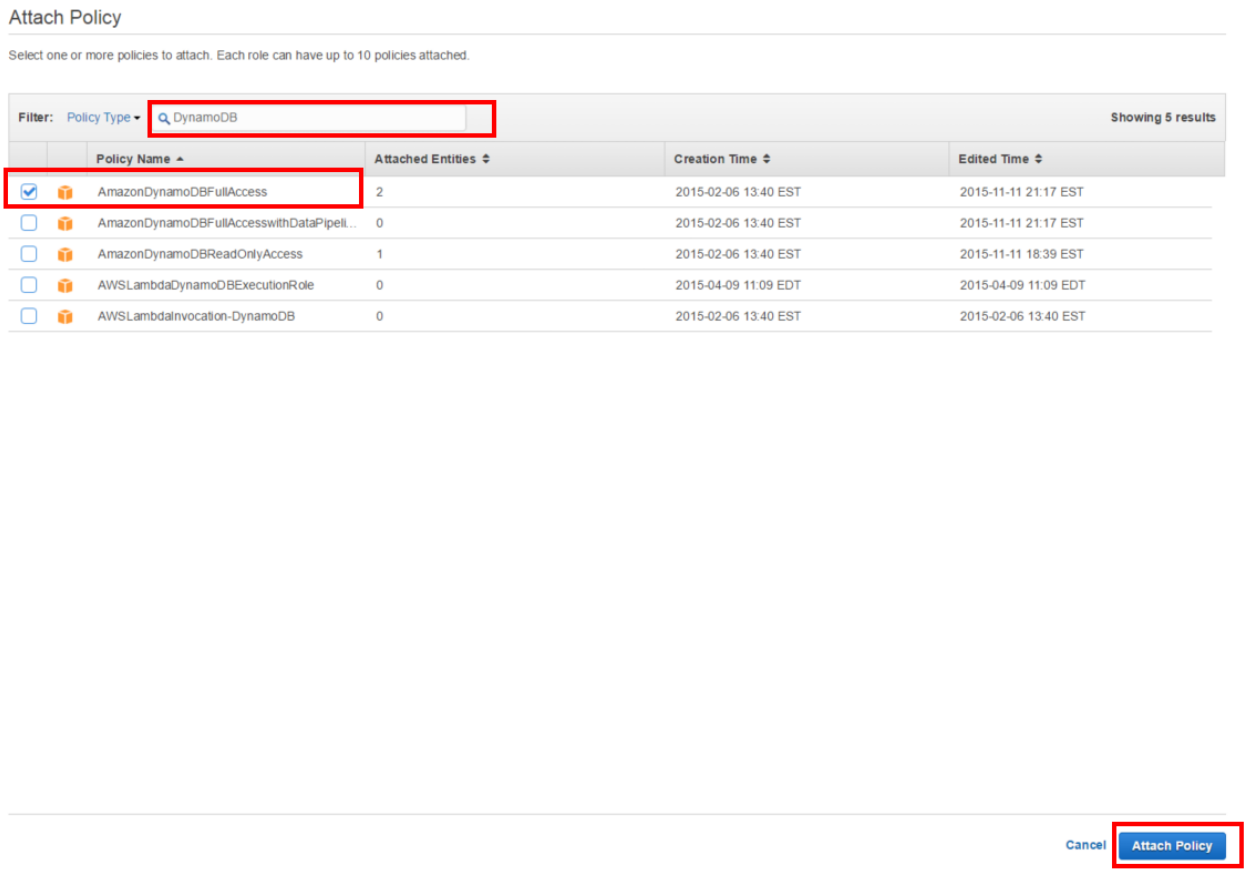
7. On the left, select ‘Roles’ – then from the list of roles that are populated, we will select the Cognito_<RoleName>Unauth_Role or whatever you named it. We’re editing the Unauthorized access role.



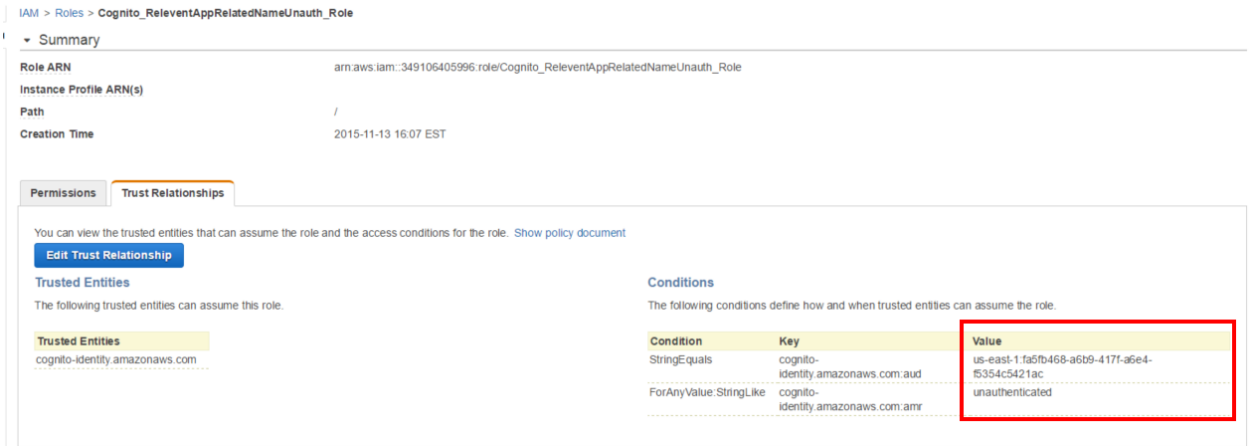
8. Once viewing the role, we will want to attach a policy to the role.



9. You can search for the policy you want, create a new policy, or just filter the policies from the top. I usually filter for 'DynamoDB' and depending on what sort of access you want, you can give them… well, whatever you want. For this tool and demonstration purposes, we are attaching the 'AmazonDynamoDBFullAccess' policy.



10. Once the policy has been attached, it will show as the Policy Name in the Roles Summary. Additionally, if you need to find your Cognito connection string, it can be found under the Trust Relationships section in the Roles, or in the Cognito Service section from earlier.



11. At this point, you should be able to use that Congito connection value to use DynamoDBHelper to connect to the database resources. Once you connect, you will see in the Cognito services that an identity was created upon connection.