CUSTOM POLICY IN AWS

Hello! folks its awesome to have you here working towards understanding how to create a custom policy. So, let’s get started and understand it through an interesting tutorial.

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# **CREATE A CUSTOM POLICY**

Search for IAM in AWS and then go into **Policies** and create a custom policy so that we can attach it to the role that we’d be creating following up to this.

You’d be having a similar screen

Graphical user interface, text, application, email

Description automatically generated

Now to generate the policy we’d be using [AWS policy generator](https://awspolicygen.s3.amazonaws.com/policygen.html) . Once you enter select the policy type as **IAM**, AWS Service as **Amazon DynamoDB**, In Actions select **PutItem**, ARN give the ARN of the DynamoDB table that we created.

Graphical user interface, text, application, email

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Then select **Add Statement** follow it up by selecting **Generate Policy.**

Graphical user interface, text, application, email

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Copy this policy and paste in IAM console

Graphical user interface

Description automatically generated with medium confidence

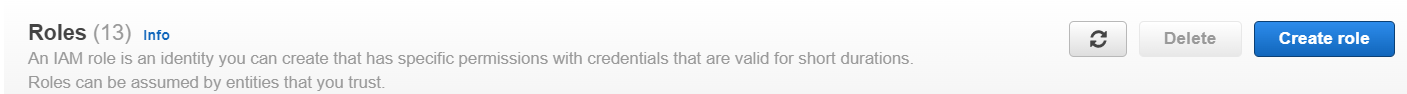
Once its done click on Next Tags, you don’t have to provide tags just click on **review policy**. In this give a name for the policy and hit **create policy**.

Graphical user interface, text, application

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# **CREATE A ROLE**

Once the policy is created click on **Roles** and create a new role.



In use cases select API Gateway as we’ll be creating this role for it then click on next **Permissions.**

A picture containing graphical user interface

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In this section we’ll not be able to select the custom policy so just move to the next section. Here add a name for the role and **create Role**.

# **ATTACH THE CUSTOM POLICY TO THE ROLE**

Once it is created open it under Add Permissions click **Attach Policies,** you’d be taken to the policies section and her just select the custom policy that you have created.

Graphical user interface, application

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This marks the end of the tutorial, thank you for sticking till the end and finishing the tutorial, hope you understood the concepts of creating a custom policy and attaching it to a role. **Happy Learning!!**