**APM Assignment Documentation**

**Prerequisites:**

**Use AWS account used in AWS track for deploying resources, once deployed and documented, Delete the resources.**

Open IAM console and click on role [aws-elasticbeanstalk-ec2-role](https://console.amazonaws.cn/iam/home#roles/aws-elasticbeanstalk-ec2-role).  
 Choose **Attach Policies**.  
 Attach AWSXray, AmazonS3 and DynamoDB Access to the role.

For example :

Create dynamo db policy as below

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "ScorekeepDynamoDB",

"Effect": "Allow",

"Action": [

"dynamodb:PutItem",

"dynamodb:UpdateItem",

"dynamodb:DeleteItem",

"dynamodb:GetItem"

],

"Resource": "arn:aws:dynamodb:**regionname:accountid**:table/scorekeep-\*"

}

]

}

Deploy Elastic beanstalk

* Download sample data [*here*](https://github.com/awslabs/eb-java-scorekeep/releases/download/xray-gs-v2/eb-java-scorekeep-xray-gettingstarted-v2.zip)
* Navigate to Elastic beanstalk and create application
* Select java 8 as version and Platform branch to Corretto 8 running on 64bit Amazon Linux 2
* Upload the downloaded zip file
* Create application
* Access the application using eb endpoint

Graphical user interface, application, website

Description automatically generated

Text

Description automatically generated

View traces on Xray

Navigate to X - ray and click on service map

Its shows the data generated by the application

If you face any issues, Troubleshoot and document the same.