AWS CODEPIPELINE SETUP

Pipeline settings Pipeline name Enter the pipeline name. You cannot edit the pipeline name after it is created. MythicalMysfitsServiceCICDPipeline No more than 100 characters Service role New service role Create a service role in your account Choose an existing service role from your account Role ARN arn:aws:iam::959910143348:role/MythicalMysfitsServiceCodePipelineServiceR Advanced settings

Artifact store Custom location Default location Use the default artifact store (Amazon S3 codepipeline-us-Choose an existing S3 location from your account in the east-1-590282597472) designated in the same region and same region and account as your pipeline account as your pipeline Bucket × Q awscode-artifacts Encryption key Default AWS Managed Key Customer Managed Key Use the AWS managed customer master key for To encrypt the data in the artifact store under an AWS KMS CodePipeline in your account to encrypt the data in the customer managed key, specify the key ID, key ARN, or alias

Source Source provider This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details. GitHub (Version 2) New GitHub version 2 (app-based) action To add a GitHub version 2 action in CodePipeline, you create a connection, which uses GitHub Apps to access your repository. Use the options below to choose an existing connection or create a new one. Learn Connection Choose an existing connection that you have already configured, or create a new one and then return to this task. Q arn:aws:codestar-connections:us-east-1:95991 X or Connect to GitHub Repository name Choose a repository in your GitHub account. \times nkdchck/Backend-Mythical-Mysfits <account>/<repository-name> Branch name Choose a branch of the repository. \times Q master Output artifact format Choose the output artifact format. CodePipeline default Full clone AWS CodePipeline uses the default zip format for artifacts AWS CodePipeline passes metadata about the repository in the pipeline. Does not include git metadata about the that allows subsequent actions to do a full git clone. Only Build - optional Build provider This is the tool of your build project. Provide build artifact details like operating system, build spec file, and output file names. AWS CodeBuild ₩ Region US East (N. Virginia) ₩ Choose a build project that you have already created in the AWS CodeBuild console. Or create a build project in the AWS CodeBuild console and then return to this task × or Create project 🖸 Q MythicalMysfitsServiceCodeBuildProject Environment variables - optional Choose the key, value, and type for your CodeBuild environment variables. In the value field, you can reference variables generated by CodePipeline. Learn more 🔼 Add environment variable Build type Single build Batch build Triggers a single build. Triggers multiple builds as a single execution.

AWS CODEPIPELINE SETUP

Deploy - optional
Deploy provider Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.
Amazon ECS ▼
Region
US East (N. Virginia) ▼
Cluster name Choose a cluster that you have already created in the Amazon ECS console. Or create a cluster in the Amazon ECS console and then return to this task.
Q MythicalMysfits-Cluster X
Service name Choose a service that you have already created in the Amazon ECS console for your cluster. Or create a new service in the Amazon ECS console and then return to this task.
Q MythicalMysfits-Service X
Image definitions file - optional Enter the JSON file that describes your service's container name and the image and tag.
imagedefinitions.json
Deployment timeout - optional Enter the timeout in minutes for the deployment action.

```
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~/Epam_Final_Project/iac/laC-Mythical-Misfits/ecr-policy.json
 iac > IaC-Mythical-Misfits > {--} ecr-policy.json > [ ] Statement > { } 0 > [ ] Action
  1 {
         "Statement": [
            "Sid": "AllowPushPull",
            "Effect": "Allow",
            "Principal": {
              "AWS": [
              "arn:aws:iam::959910143348:role/MythicalMysfitsServiceCodeBuildServiceRole"
  10
            },
            "Action": [
  11
             "ecr:GetDownloadUrlForLayer",
  12
  13
              "ecr:BatchGetImage",
  14
              "ecr:BatchCheckLayerAvailability",
  15
              "ecr:PutImage",
              "ecr:InitiateLayerUpload",
              "ecr:UploadLayerPart",
  17
  18
              "ecr:CompleteLayerUpload"
  19
  20
  21
 22
                                                                                        TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
                                                                      1: bash
 MacBook-Air-nikita:IaC-Mythical-Misfits nkdchck$ aws ecr set-repository-policy --repository-name mythicalmysfits/service --poli
repositoryName: mythicalmysfits/service
 MacBook-Air-nikita:IaC-Mythical-Misfits nkdchck$
```