

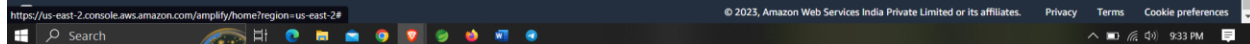
CSC PROJECT

2000031641

POOJA DEVINENI

The screenshot displays the AWS Cloud9 console interface. At the top, a green notification banner states: "Successfully created serverless. To get the most out of your environment, see Best practices for using AWS Cloud9". The main content area is titled "Environments (1)" and features a table of existing environments. The table has columns for Name, Cloud9 IDE, Environment type, Connection, Permission, and Owner ARN. A single environment named "serverless" is listed, with an "Open" button next to its name. The environment type is "EC2 instance" and the connection is "AWS Systems Manager (SSM)". The owner ARN is "arn:aws:iam::261587269709:root". The console also shows a sidebar with "Environments" and "Documentation" links, and a bottom status bar with copyright information and system settings.

Name	Cloud9 IDE	Environment type	Connection	Permission	Owner ARN
serverless	Open	EC2 instance	AWS Systems Manager (SSM)	Owner	arn:aws:iam::261587269709:root



AWS Amplify console User pools wildrydes serverless - AWS Cloud9 Create a User - Wild Rydes Web Appl

master.dtdesj5b3zp2h.amplifyapp.com/auth

YouTube @idmail Superset K.L. - Learning Man... AICTE Fullstack React DBMS

WildRYDES

Create a new account

Username *

pooja_devineni

Password *

Email *

2000031641@kduuniversity.in

Phone number *

India (+91) 1234567890

Have an account? [Sign in](#)

CREATE ACCOUNT

Search

AWS Amplify console wildrydesb10efc9b_userpool_b10efc9b wildrydes serverless - AWS Cloud9 Create a User - Wild Rydes Web Appl

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WildRYDES

Save password?

Username pooja_devineni

Password *****

Save Never

Passwords are saved to [Password Manager](#) on this device.

Confirm Sign Up

Username *

pooja_devineni

Confirmation Code *

Lost your code? [Resend Code](#)

Have an account? [Back to Sign In](#)

CONFIRM

Amazon Cognito

User pools

Federated identities

User pool overview

User pool name wildrydesb10efc9b_userpool_b10efc9b-prod	ARN arn:aws:cognito-idp:us-east-2:261587269709:userpool/us-east-2_dMrd0D7Fn	Created time April 12, 2023 at 21:48 GMT+5:30
User pool ID us-east-2_dMrd0D7Fn	Estimated number of users 0	Last updated time April 12, 2023 at 21:48 GMT+5:30

► Getting started

Users | Groups | Sign-in experience | Sign-up experience | Messaging | App integration | User pool properties

Users (1) [Info](#)

View, edit, and create users in your user pool. Users that are enabled and confirmed can sign in to your user pool.

Property: User name < 1 >

User name	Email address	Email verified	Confirmation status	Status
<input type="radio"/> pooja_devineni	2000031641@kluniversi...	No	Unconfirmed	Enabled

CloudShell Feedback Language

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Search

Amazon Cognito

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Federated identities

User pool overview

User pool name wildrydesb10efc9b_userpool_b10efc9b-prod	ARN arn:aws:cognito-idp:us-east-2:261587269709:userpool/us-east-2_dMrd0D7Fn	Created time April 12, 2023 at 21:48 GMT+5:30
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<input type="radio"/> pooja_devineni	2000031641@kluniversi...	No	Confirmed	Enabled

DynamoDB

Dashboard

Tables

- Update settings
- Explore items
- PartiQL editor
- Backups
- Exports to S3
- Imports from S3
- Reserved capacity
- Settings

DAX

- Clusters
- Subnet groups
- Parameter groups
- Events

Introducing deletion protection for DynamoDB tables.
Deletion protection for a DynamoDB table protects the table from being deleted unintentionally. While this setting is on, you can't delete the table. [Learn more](#)

The Rides table was created successfully.

DynamoDB > Tables

Tables (1) Info

Find tables by table name

Any table tag

< 1 >

	Na...	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mode
<input type="checkbox"/>	Rides	Active	Rides (S)	-	0	Off	Provisioned with auto scaling (5)	Provisioned with auto

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analyzers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

IAM > Roles > AWSLambdaBasicExecutionRole

AWSLambdaBasicExecutionRole

Allows Lambda functions to call AWS services on your behalf.

Summary

Creation date
April 12, 2023, 21:59 (UTC+05:30)

Last activity
None

ARN
arn:aws:iam::261587269709:role/AWSLambdaBasicExecutionRole

Maximum session duration
1 hour

Permissions Trust relationships Tags Access Advisor Revoke sessions

Permissions policies (1) Info

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter.

< 1 >

<input type="checkbox"/>	Policy name	Type	Description
<input type="checkbox"/>	AWSLambdaBasicExecutionRole	AWS managed	Provides write permissions to CloudWatch Logs.

The test event was successfully saved.

Code Test Monitor Configuration Aliases Versions

Code source info Upload from

File Edit Find View Go Tools Window Test Deploy

Go to Anything (Ctrl-P)

RequestUnicorn

index.js

```
1 const randomBytes = require('crypto').randomBytes;
2
3 const AWS = require('aws-sdk');
4
5 const db = new AWS.DynamoDB.DocumentClient();
6
7 const fleet = [
8   {
9     Name: 'Bucephalus',
10    Color: 'Golden',
11    Gender: 'Male',
12  },
13  {
14    Name: 'Shadowfax',
15    Color: 'White',
16    Gender: 'Male',
17  },
18  {
19    Name: 'Rocinante',
20    Color: 'Yellow',
21    Gender: 'Female',
22  },
23 ];
```

Execution results

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Search

AWS Amplify console API Gateway - Create API wildrydes serverless - AWS Cloud9 Recap : Wild Rydes Web A Cognito : Wild Rydes Web Application

us-east-2.console.aws.amazon.com/apigateway/home?region=us-east-2#/apis/aly75v95zg/authorizers

Amazon API Gateway APIs > WildRydes (aly75v95zg) > Authorizers

APIs

Custom Domain Names

VPC Links

API: WildRydes

Resources

Stages

Authorizers

Gateway Responses

Models

Resource Policy

Documentation

Dashboard

Settings

Usage Plans

API Keys

Authorizers

Authorizers enable you to control access to your APIs using Amazon Cognito User Pools or a Lambda function.

+ Create New Authorizer

WildRydes

Authorizer ID: 4wq1t5

Lambda Function

amplify-wildrydes-prod-155748-UserPoolClientLambda-Ov572dMGXT6W (us-east-2)

Lambda Event Payload

Token

Token Source

Authorization

Token Validation

none

Authorization Caching

Authorization cached for 5 minutes

Edit Test

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Search

AWS Amplify console

API Gateway - Create API

wildrydes

serverless - AWS Cloud9

API Resource: Wild Rydes Web Appli...

us-east-2.console.aws.amazon.com/apigateway/home?region=us-east-2#/apis/aly75v95zg/authorizers

Amazon API Gateway

APIs > WildRydes (aly75v95zg) > Authorizers

APIs

Custom Domain Names

VPC Links

API: WildRydes

Resources

Stages

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CloudShell

Feedback

Language

Authorizers enable you to control access to your API.

Create New Authorizer

WildRydes

Authorizer ID: 4wq1t5

Lambda Function

amplify-wildrydes-prod-155748-User-east-2

Lambda Event Payload

Token

Token Source

Authorization

Token Validation

none

Authorization Caching

Authorization cached for 5 minutes

Edit

Test

WildRydes - Test Authorizer

You can test your authorizer by providing values that will be used to invoke your Lambda function or make a call to your Cognito User Pool.

Authorization Token ⓘ

Authorization (header)

eyJGFQzRaagZVmB6PUqR8QAUBkUn7YA2ybtwz4ZlWWBFz8DEQ

Test

Close

AWS Amplify console

API Gateway - Create API

wildrydes

serverless - AWS Cloud9

API Resource: Wild Rydes Web Appli...

master.dtdxg5b3zp2h.amplifyapp.com/index

YOUR AUTH TOKEN

This page is not functional yet because there is no API Invoke URL configured in `/src/config.js`. You'll configure this in Module 3.

In the meantime, if you'd like to test the Amazon Cognito user pool authorizer for your API, use the auth token below:

eyJraWQlOUJOUKUSVUo3cS9rc3I4OGMvU6S3UppcVh0xqUnFVVEZJcmEzWE10dYOPSisimFsZyB6UjMjInQeyJz8VwI0UmQWE4M2EYIS1hMTI4LTQ0MGMYjRjN6Z

Close

Set Pickup

SIGN OUT

Welcome! Click the map to set your pickup location.

You are authenticated. Click here to see your auth token

City of Seattle King County WA State Parks GIS Esri HERE Garmin Swatch GeoTechnologies, Inc. METIUS-USA USGS Bureau of Land Management EPA NPS USGS

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