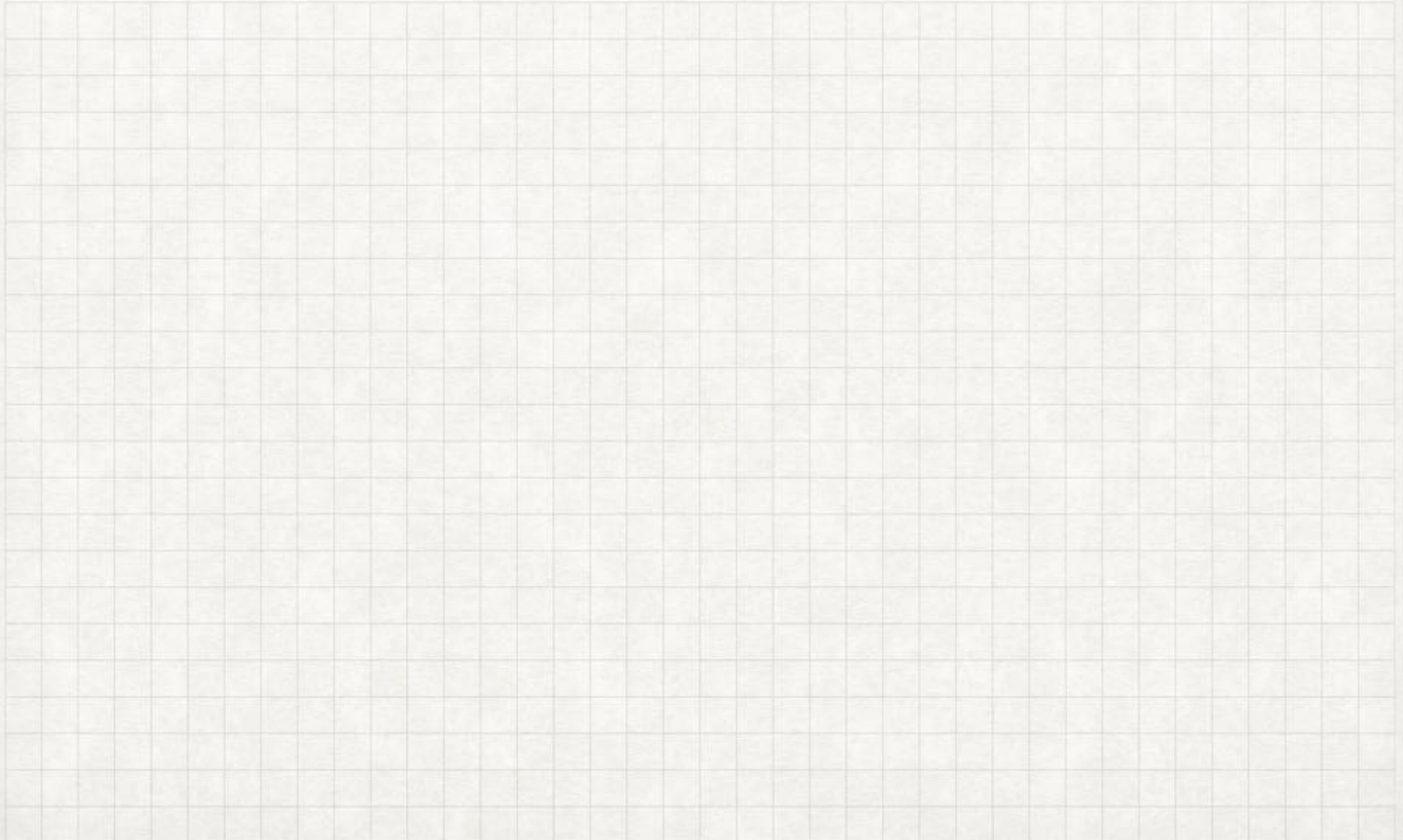
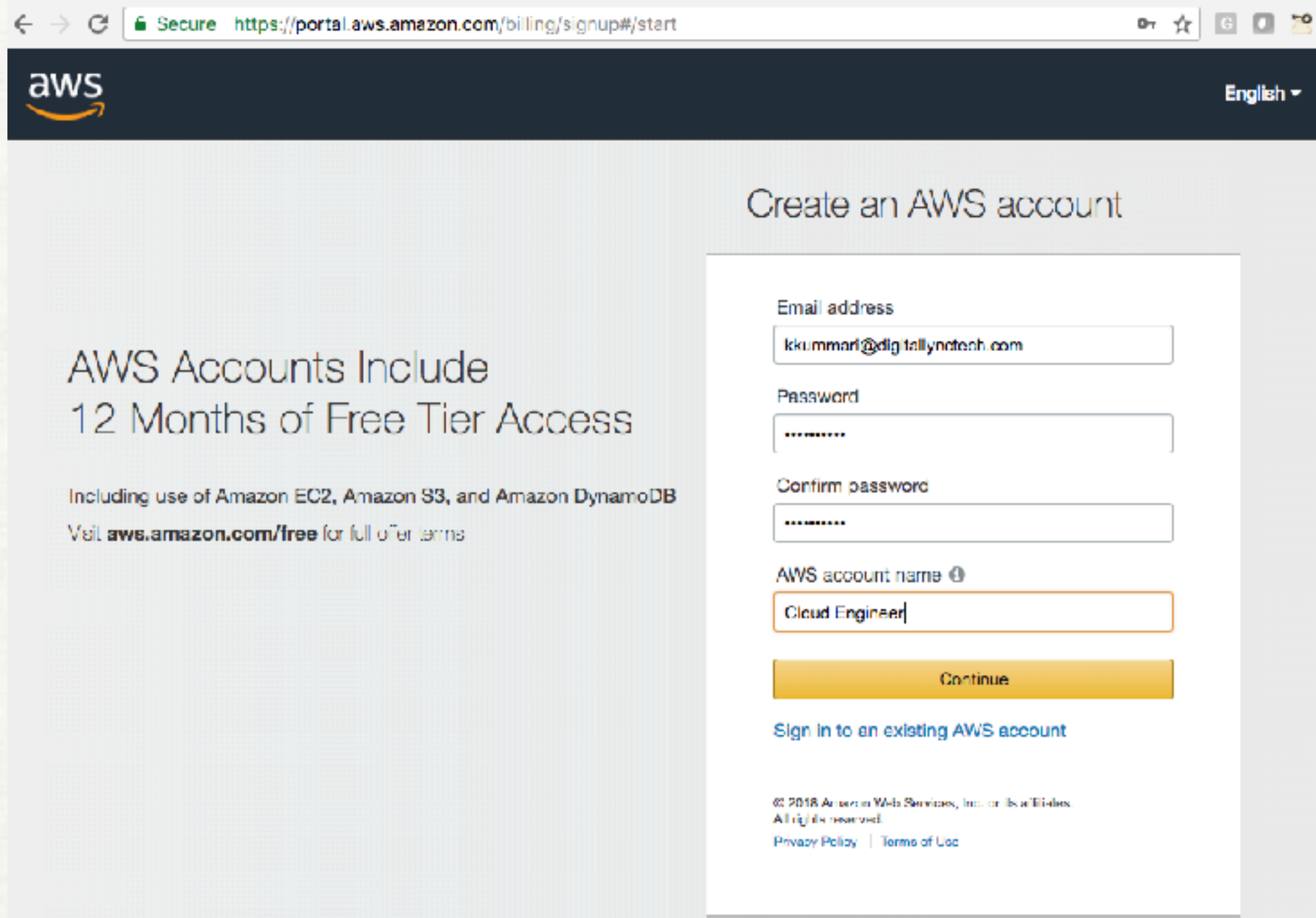


# AWS

## AWS CERTIFIED SOLUTION ARCHITECT - ASSOCIATE



# AWS CLOUD - ACCOUNT CREATION



The screenshot shows the AWS account creation page in a web browser. The browser's address bar displays the URL <https://portal.aws.amazon.com/billing/signup#/start>. The AWS logo is in the top left, and a language dropdown menu is in the top right, set to 'English'. The main heading is 'Create an AWS account'. On the left, a promotional message states 'AWS Accounts Include 12 Months of Free Tier Access', including use of Amazon EC2, Amazon S3, and Amazon DynamoDB, with a link to [aws.amazon.com/free](https://aws.amazon.com/free) for full offer terms. The registration form on the right contains the following fields and content:

- Email address:**
- Password:**
- Confirm password:**
- AWS account name:**  (with a help icon)
- Continue:** A large yellow button.
- Sign in to an existing AWS account:** A blue link.
- Footer:** © 2018 Amazon Web Services, Inc. or its affiliates. All rights reserved. [Privacy Policy](#) | [Terms of Use](#)

Add Email Id, Password, Account Name & Click on "Continue"

# FILL THE CONTACT DETAILS

Secure | <https://portal.aws.amazon.com/billing/signup#/account>

## Contact Information

*All fields are required.*

Please select the account type and complete the fields below with your contact details.

Account type ⓘ

☐ Professional ☒ Personal

Full name

Cloud Engineer

Phone number

9908823070

Country/Region

India

\* If you select India, your country/region selection cannot be changed after creating the account

Address

63 LIG, BK GUDA

SR NAGAR, HYDERABAD

Select "Personal" & Fill the Details

# CLICK ON “CREATE ACCOUNT AND CONTINUE”

City

HYDERABAD

State / Province or region

TELANGANA

Postal code

500038

Amazon Internet Services Pvt. Ltd. Customer Agreement

Customers with an India contact address are now required to contract with Amazon Internet Service Private Ltd. (AISPL). AISPL is the local seller for AWS infrastructure services in India.



Check here to indicate that you have read and agree to the terms of the [AISPL Customer Agreement](#)

Create Account and Continue

© 2018 Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

[Privacy Policy](#)

[Terms of Use](#)

[Sign Out](#)

Continue



# USE DEBIT OR CREDIT CARD & FILL THE DETAILS

Secure | <https://portal.aws.amazon.com/billing/signup#/paymentinformation>

Credit/Debit card number

4514570006130283

Expiration date

10 2018

Cardholder's name

KESHAV KUMMARI C

CVV

...

Billing address

☒ Use my contact address

**63 LIG, BK GUDA SR NAGAR,  
HYDERABAD  
HYDERABAD TELANGANA 500038  
IN**

☐ Use a new address

Do you have a PAN? ⓘ

You can go on the Tax Settings Page on Billing and Cost Management Console to update your PAN information.

☒ Yes ☐ No


CNEPK19M7D

Secure Submit

Click on "Secure Submit"

# ENTER OTP

Secure <https://secure.axisbank.com/acs-web-axis/EnrollWeb/AxisBank/server/AccessControlServer?ldot=8111.V&...>

 **AXIS BANK**

---


Date : 31 May 2018  
Card Number : XXXX XXXX XXXX 0283  
Merchant Name : AMAZON INTERNET SERVICES  
Amount : ₹ 2.00

Authenticate the Transaction Using the Below Options

Verified by VISA	OTP (One Time Password)
<input type="password"/>	
<b>SUBMIT</b>	
<a href="#">Forgot Password? Click Here</a>	

This screen will automatically timeout after 180 seconds.

Verified by **VISA**

Powered by 

Click on "Submit"

# CLICK ON CALL ME NOW

Secure | <https://portal.aws.amazon.com/billing/signup?redirect=success&x-awsbc-xsrf-token=bkQ1Nzhpb1VsQmF...>

## Phone Verification

AWS will call you immediately using an automated system. When prompted, enter the 4-digit number from the AWS website on your phone keypad.

**Provide a telephone number**  
Please enter your information below and click the "Call Me Now" button.

Country/Region code  
India (+91)

Phone number  
9908823070

Ext

Security Check

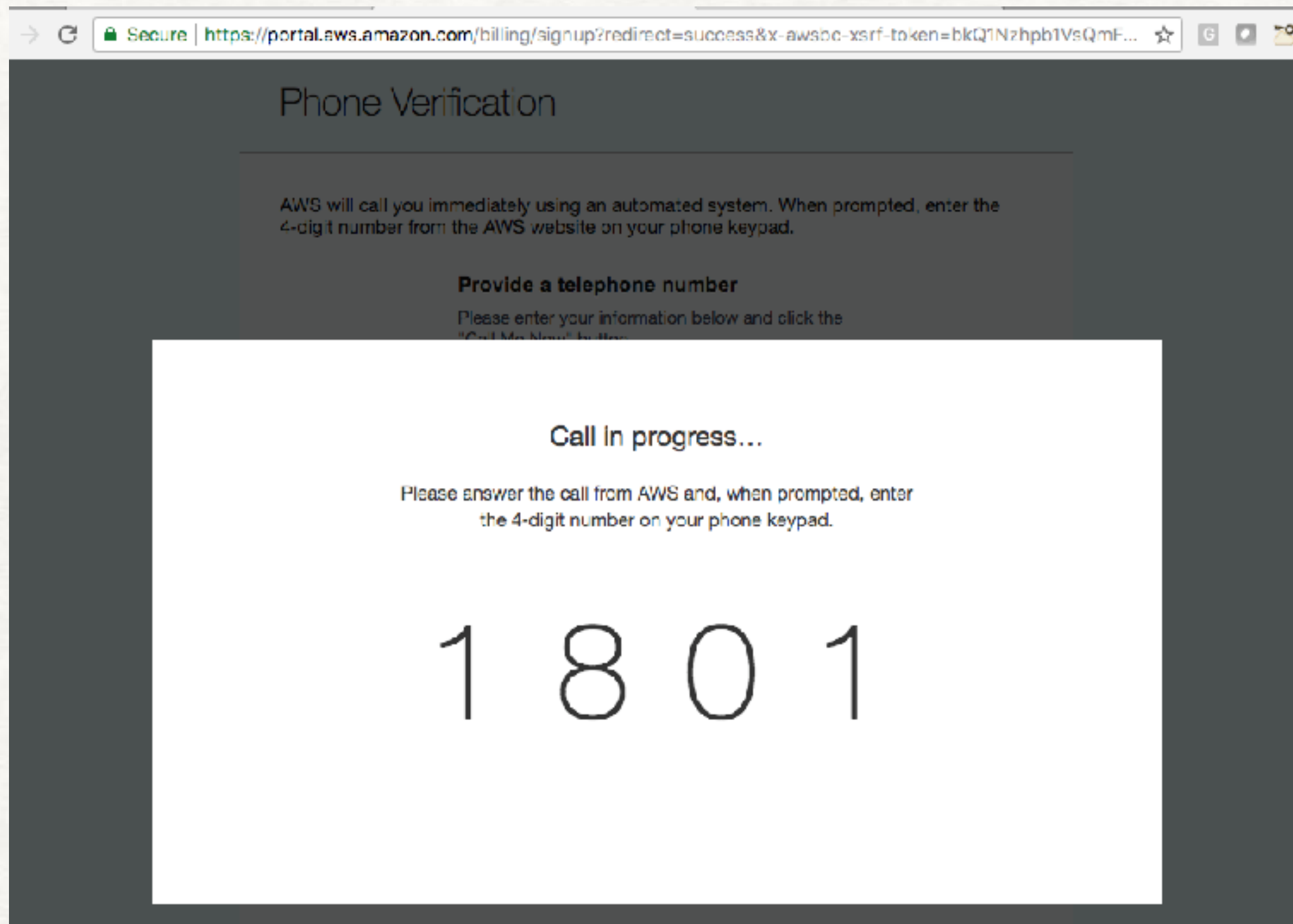
e6xeeeg

o6xeeeg

Call Me Now

Will receive call from AWS

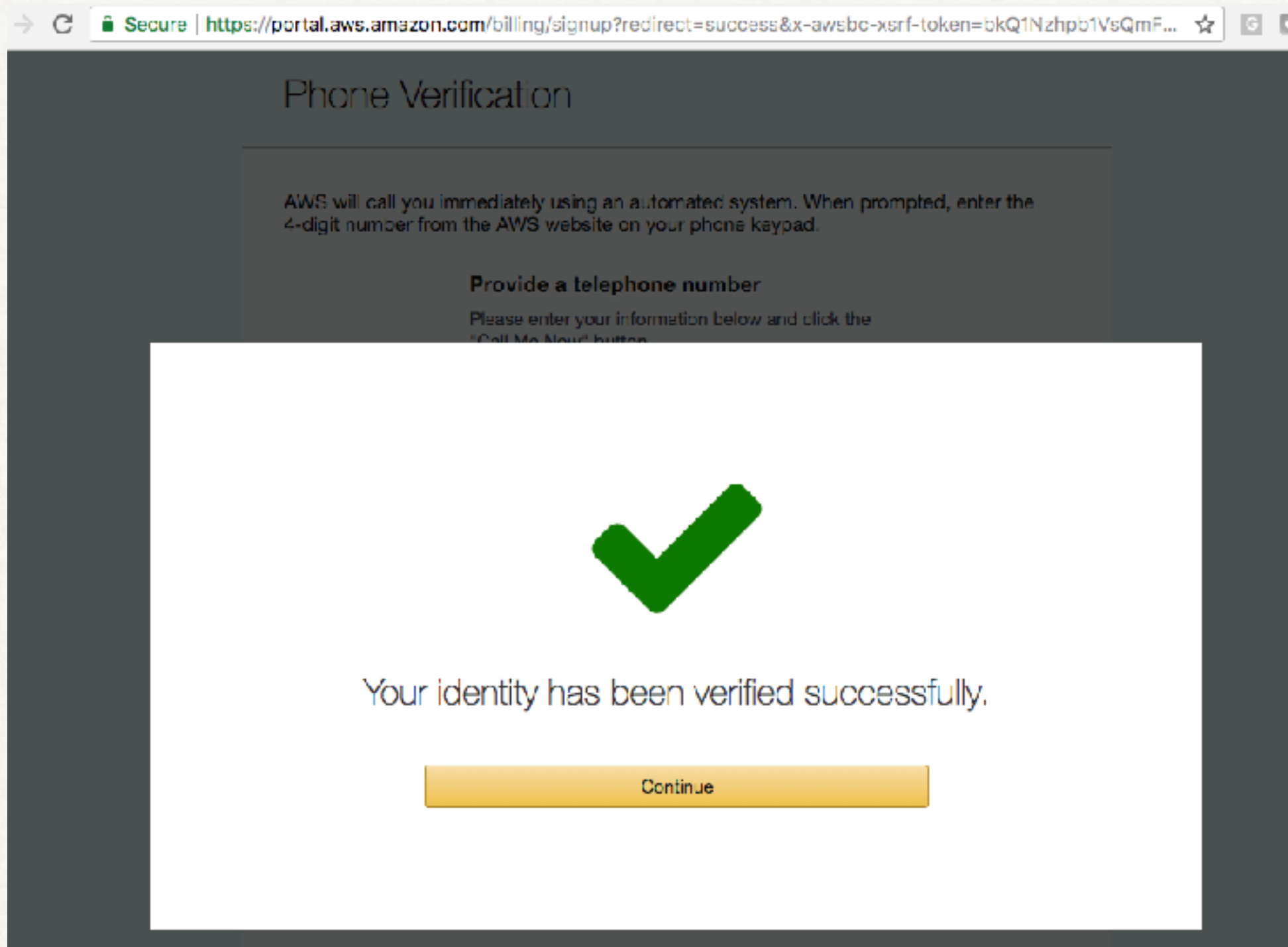
AFTER RECEIVING THE CALL WE HAVE TO ENTER THE FOLLOWING NUMBER IN OUR PHONE



Number will display automatically after we answer the call



# AFTER ENTERING THE 4 DIGIT CODE OUR ACCOUNT IS VERIFIED






We are successfully created AWS Cloud Account

# SELECT "BASIC PLAN"

Secure | <https://portal.aws.amazon.com/billing/signup?redirect=success&x-awsbc-xsrf-token=bkQ1Nzhpb1VsQmF...> ☆

## Select a Support Plan

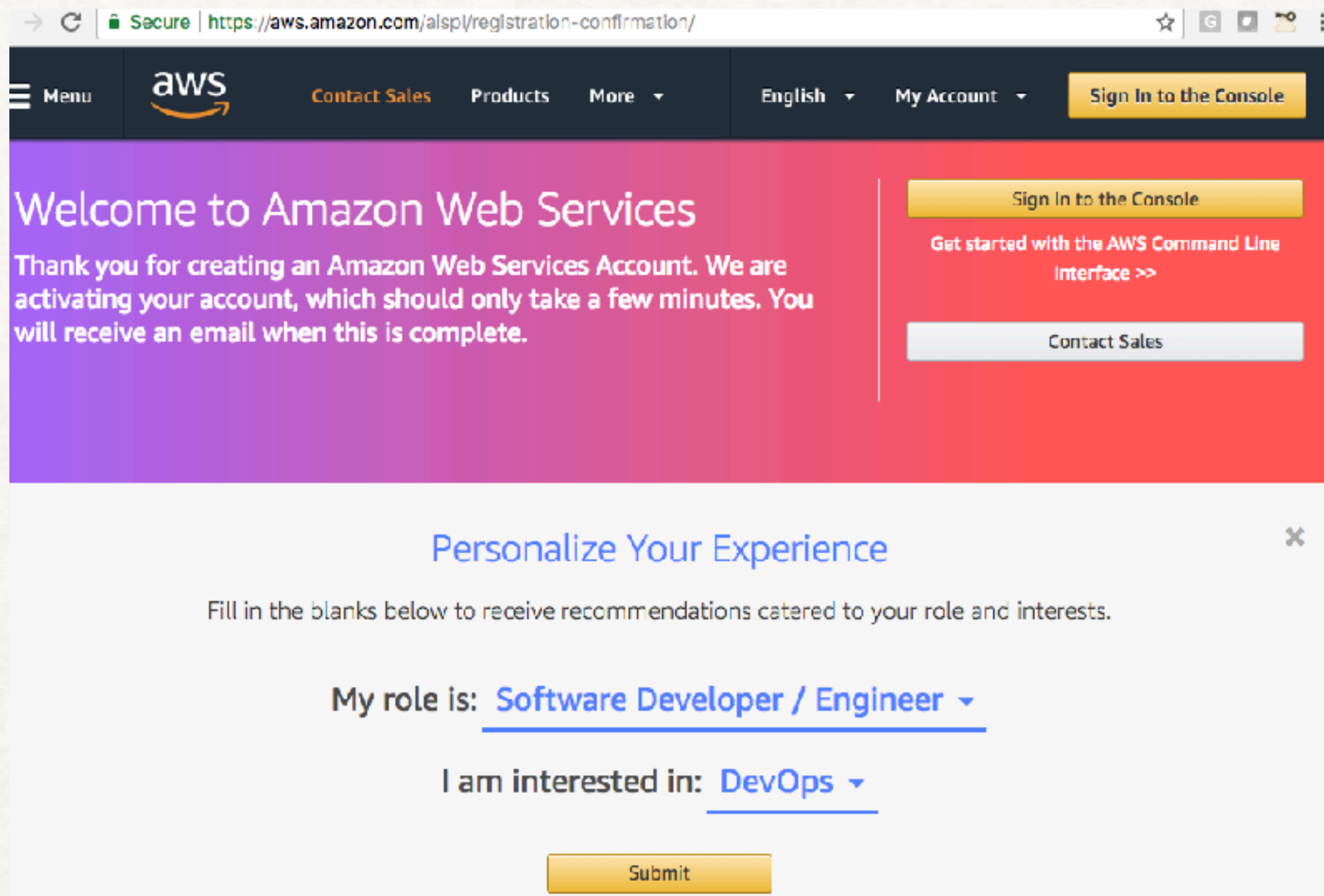
AWS offers a selection of support plans to meet your needs. Choose the support plan that best aligns with your AWS usage. [Learn more](#)

 <b>Basic Plan</b>	 <b>Developer Plan</b>	 <b>Business Plan</b>
<b>Free</b>	<b>From \$25/month</b>	<b>From \$100/month</b>
<ul style="list-style-type: none"><li>• Included with all accounts</li><li>• 24/7 self-service access to forums and resources</li><li>• Best practice checks to help improve security and performance</li><li>• Access to health status and notifications</li></ul>	<ul style="list-style-type: none"><li>• For early adoption, testing and development</li><li>• Email access to AWS Support during business hours</li><li>• 1 primary contact can open an unlimited number of support cases</li><li>• 12-hour response time for nonproduction systems</li></ul>	<ul style="list-style-type: none"><li>• For production workloads &amp; business-critical dependencies</li><li>• 24/7 chat, phone, and email access to AWS Support</li><li>• Unlimited contacts can open an unlimited number of support cases</li><li>• 1-hour response time for production systems</li></ul>

**Need Enterprise level support?**  
Contact your account manager for additional information on running business and mission critical workloads on AWS (starting at \$15,000/month). [Learn more](#)

Click on "Free"

# SELECT ROLE AND INTERESTED IN?



The screenshot shows the AWS registration confirmation page. The top navigation bar includes the AWS logo, links for 'Menu', 'Contact Sales', 'Products', 'More', 'English', 'My Account', and a 'Sign In to the Console' button. The main content area has a purple header with 'Welcome to Amazon Web Services' and a message about account activation. To the right are buttons for 'Sign In to the Console', 'Get started with the AWS Command Line Interface >>', and 'Contact Sales'. Below this is a 'Personalize Your Experience' modal form with a close button (X). The form contains two dropdown menus: 'My role is: Software Developer / Engineer' and 'I am interested in: DevOps', followed by a 'Submit' button.

→ Secure | <https://aws.amazon.com/aispl/registration-confirmation/>

Menu [Contact Sales](#) [Products](#) [More ▾](#) [English ▾](#) [My Account ▾](#) [Sign In to the Console](#)

## Welcome to Amazon Web Services

Thank you for creating an Amazon Web Services Account. We are activating your account, which should only take a few minutes. You will receive an email when this is complete.

[Sign In to the Console](#)

[Get started with the AWS Command Line Interface >>](#)

[Contact Sales](#)

### Personalize Your Experience

Fill in the blanks below to receive recommendations catered to your role and interests.

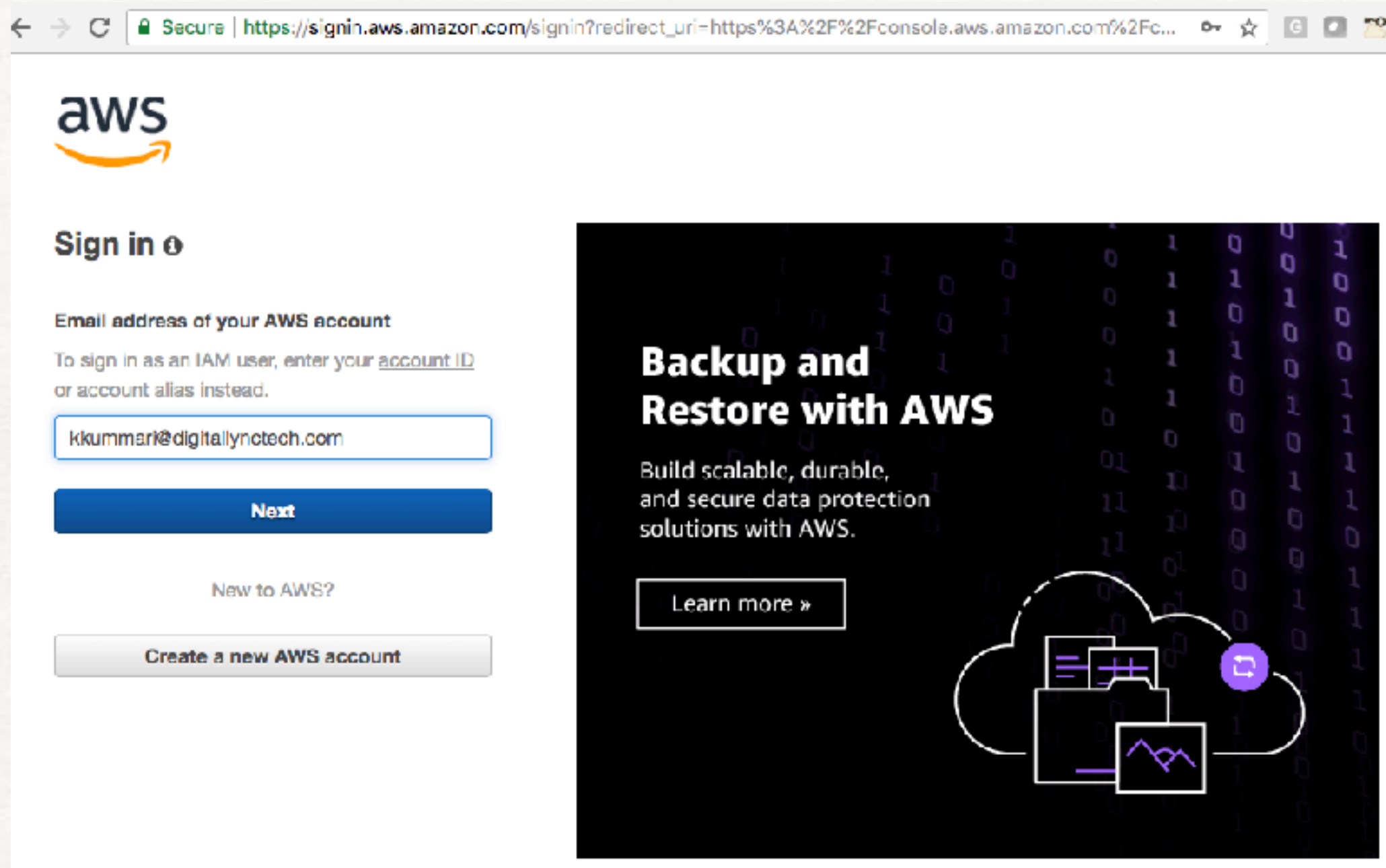
My role is: Software Developer / Engineer ▾

I am interested in: DevOps ▾

[Submit](#)

Please use as above & click on "Submit"

# NOW, LOGIN TO AWS



The screenshot shows the AWS sign-in page in a web browser. The browser's address bar displays a secure URL: `https://signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fc...`. The AWS logo is at the top left. Below it, the heading "Sign in" is followed by a user icon. The main form area prompts the user to enter their "Email address of your AWS account". A note specifies that for IAM users, the account ID or alias can be used instead. The email field contains `kkummar@digitallynctech.com`. Below the field is a blue "Next" button. At the bottom of the form are two links: "New to AWS?" and "Create a new AWS account". To the right of the form is a promotional banner for "Backup and Restore with AWS" with a "Learn more »" button and a diagram of a cloud architecture.

aws

## Sign in

Email address of your AWS account

To sign in as an IAM user, enter your account ID or account alias instead.

**Next**


[New to AWS?](#)

[Create a new AWS account](#)

### Backup and Restore with AWS

Build scalable, durable, and secure data protection solutions with AWS.

[Learn more »](#)



Click on "Next"



# ENTER THE PASSWORD

← → ↻ **Secure** | [https://signin.aws.amazon.com/signin?redirect\\_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fc...](https://signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fc...) 🔑 ☆ G

**aws**

**Root user sign in ⓘ**

Email: [kkummari@digitallyrctech.com](mailto:kkummari@digitallyrctech.com)

**Password** [Forgot password?](#)

••••••••

**Sign In**


[Sign in to a different account](#)

[Create a new AWS account](#)

## Backup and Restore with AWS

Build scalable, durable, and secure data protection solutions with AWS.

[Learn more »](#)

A graphic showing a cloud with server icons and a circular arrow, representing backup and restore operations.

Click on "Sign In"

# THIS IS OUR AWS DASHBOARD

The screenshot shows the AWS Management Console interface. At the top is a navigation bar with the AWS logo, 'Services', 'Resource Groups', a star icon, a notification bell, 'Cloud Engineer', 'Mumbai', and 'Support'. Below this is the 'AWS services' section with a search bar and a grid of recently visited services: EC2, Route 53, RDS, IAM, and VPC. To the right is a 'Helpful tips' section with two cards: 'Manage your costs' and 'Create an organization'. Below the services section is the 'Build a solution' section, which includes a sub-header 'Get started with simple wizards and automated workflows.' and a grid of six solution cards: 'Launch a virtual machine', 'Build a web app', 'Build using virtual servers', 'Connect an IoT device', 'Start a development project', and 'Register a domain'. On the far right is an 'Explore AWS' section featuring 'Amazon Relational Database Service (RDS)' and 'Real-Time Analytics with Amazon Kinesis'.

**AWS services**

Find a service by name or feature (for example, EC2, S3 or VM, storage).

Recently visited services

- EC2
- Route 53
- RDS
- IAM
- VPC

> All services

**Helpful tips**

- Manage your costs**  
Monitor your AWS costs, usage, and reservations using AWS Budgets. [Start now](#)
- Create an organization**  
Use AWS Organizations for policy-based management of multiple AWS accounts. [Start now](#)

**Build a solution**

Get started with simple wizards and automated workflows.

- Launch a virtual machine**  
With EC2  
~2-3 minutes
- Build a web app**  
With Elastic Beanstalk  
~6 minutes
- Build using virtual servers**  
With Lightsail  
~1-2 minutes
- Connect an IoT device**  
With AWS IoT  
~5 minutes
- Start a development project**  
With CodeStar  
~5 minutes
- Register a domain**  
With Route 53  
~3 minutes

**Explore AWS**

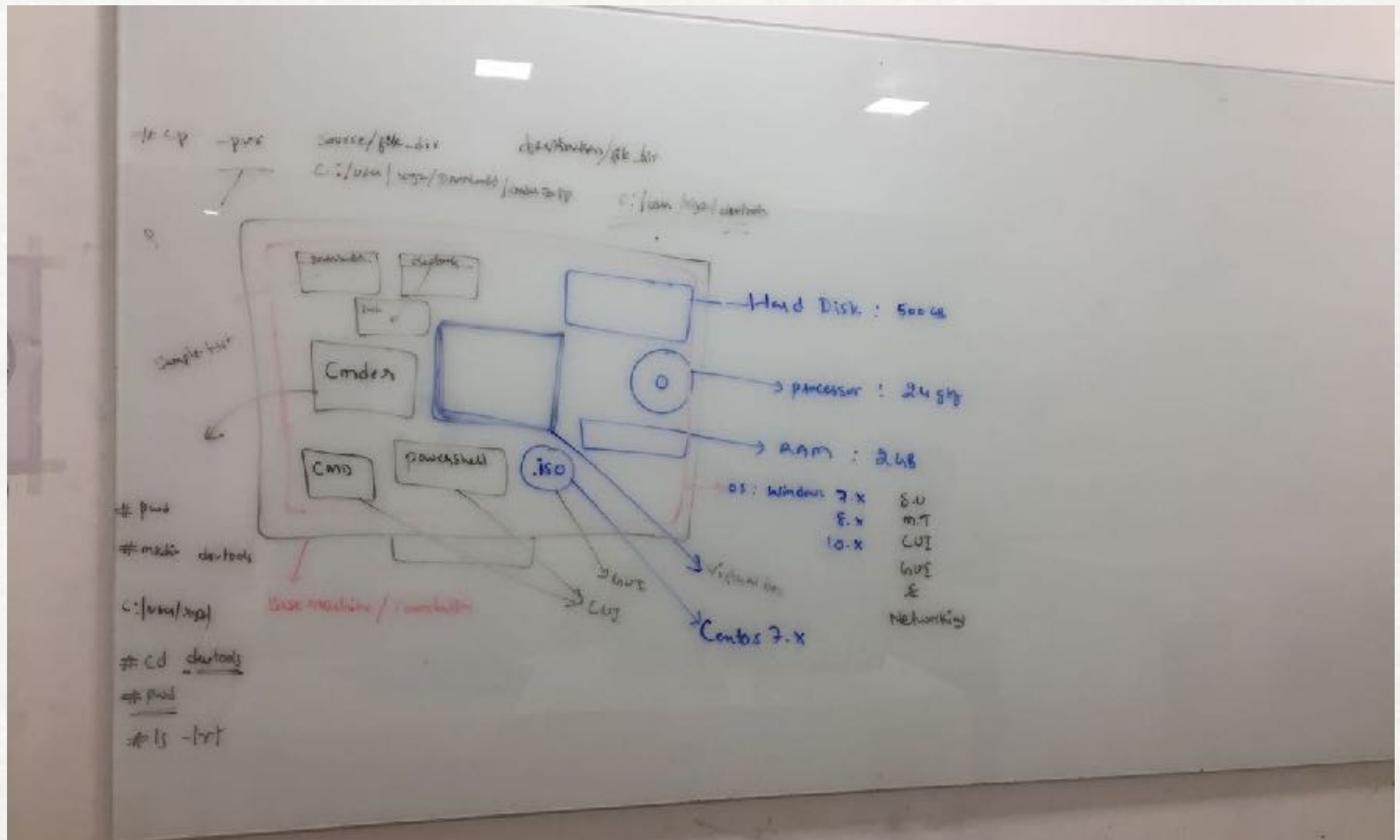
**Amazon Relational Database Service (RDS)**

RDS manages and scales your database for you. RDS supports Aurora, MySQL, PostgreSQL, MariaDB, Oracle, and SQL Server. [Learn more.](#)

**Real-Time Analytics with Amazon Kinesis**

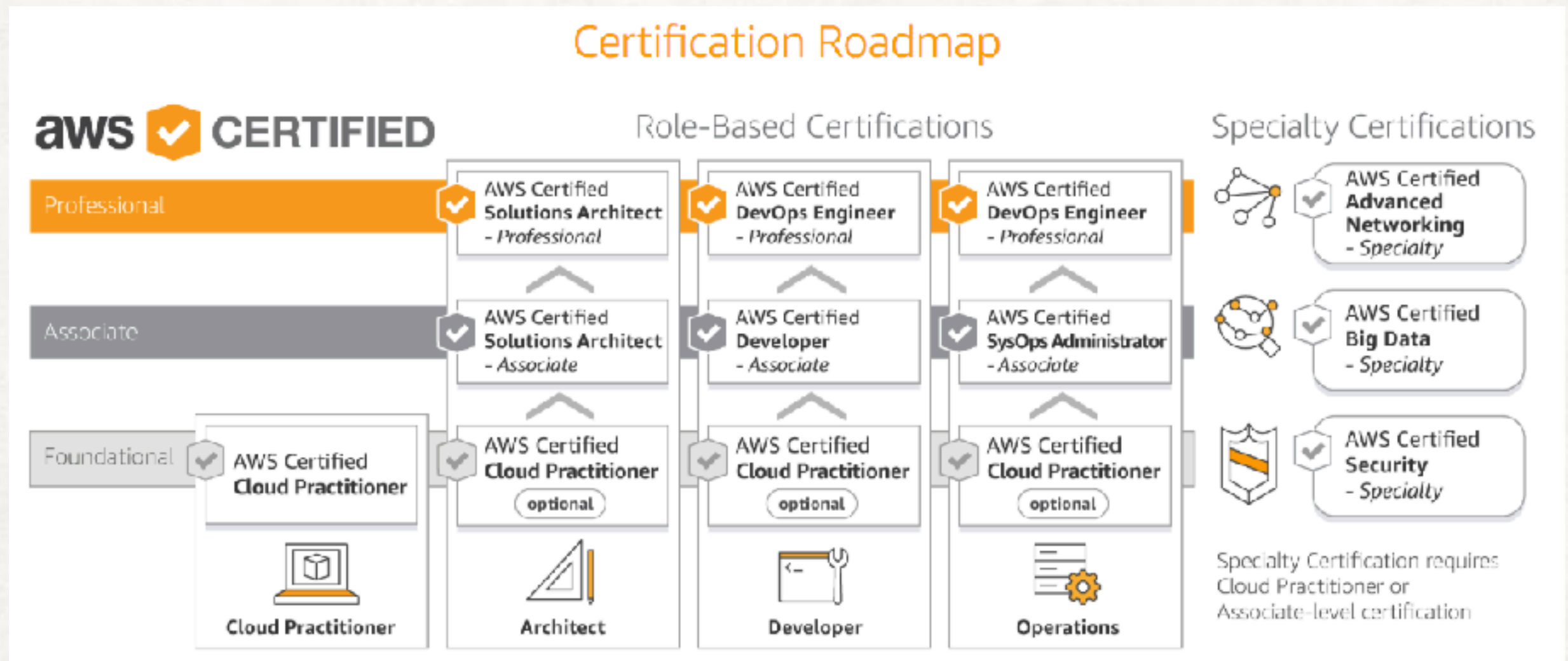
We are in!

# Class Notes Image





# AWS TRAINING & CERTIFICATIONS ROAD MAP



AWS Cloud



# EXAM DETAILS OF AWS COURSES

- **Foundational Level :**

- AWS Certified Cloud Practitioner : The exam is 100 USD

(<https://aws.amazon.com/certification/certified-cloud-practitioner/>)

- **Associate Level :**

- AWS Certified Solutions Architect : The exam is 150 USD

(<https://aws.amazon.com/certification/certified-solutions-architect-associate/>)

- AWS Certified Developer : The exam is 150 USD

(<https://aws.amazon.com/certification/certified-developer-associate/>)

- AWS Certified SysOps Administrator : The exam is 150 USD

(<https://aws.amazon.com/certification/certified-sysops-admin-associate/>)

- **Professional Level :**

- AWS Certified Solutions Architect : The exam is 300 USD

(<https://aws.amazon.com/certification/certified-solutions-architect-professional/>)

- AWS Certified DevOps Engineer : The exam is 300 USD

(<https://aws.amazon.com/certification/certified-devops-engineer-professional/>)

- **Specialty Certifications Level :**

- AWS Certified Advanced Networking : The exam is 300 USD

(<https://aws.amazon.com/certification/certified-advanced-networking-specialty/>)

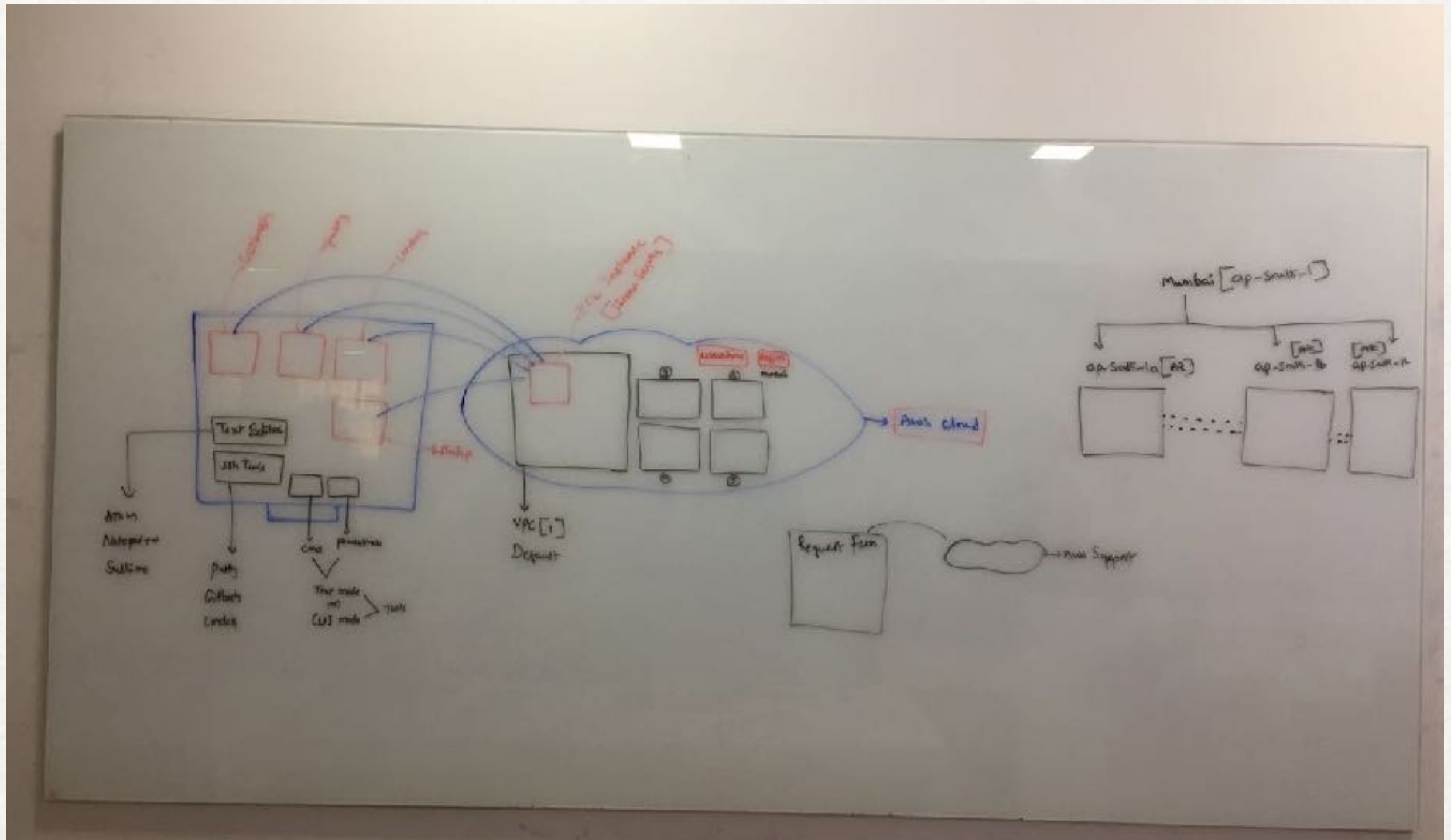
- AWS Big Data : The exam is 300 USD

(<https://aws.amazon.com/certification/certified-big-data-specialty/>)

- AWS Security : The exam is 300 USD

(<https://aws.amazon.com/certification/certified-security-specialty/>)

# AWS

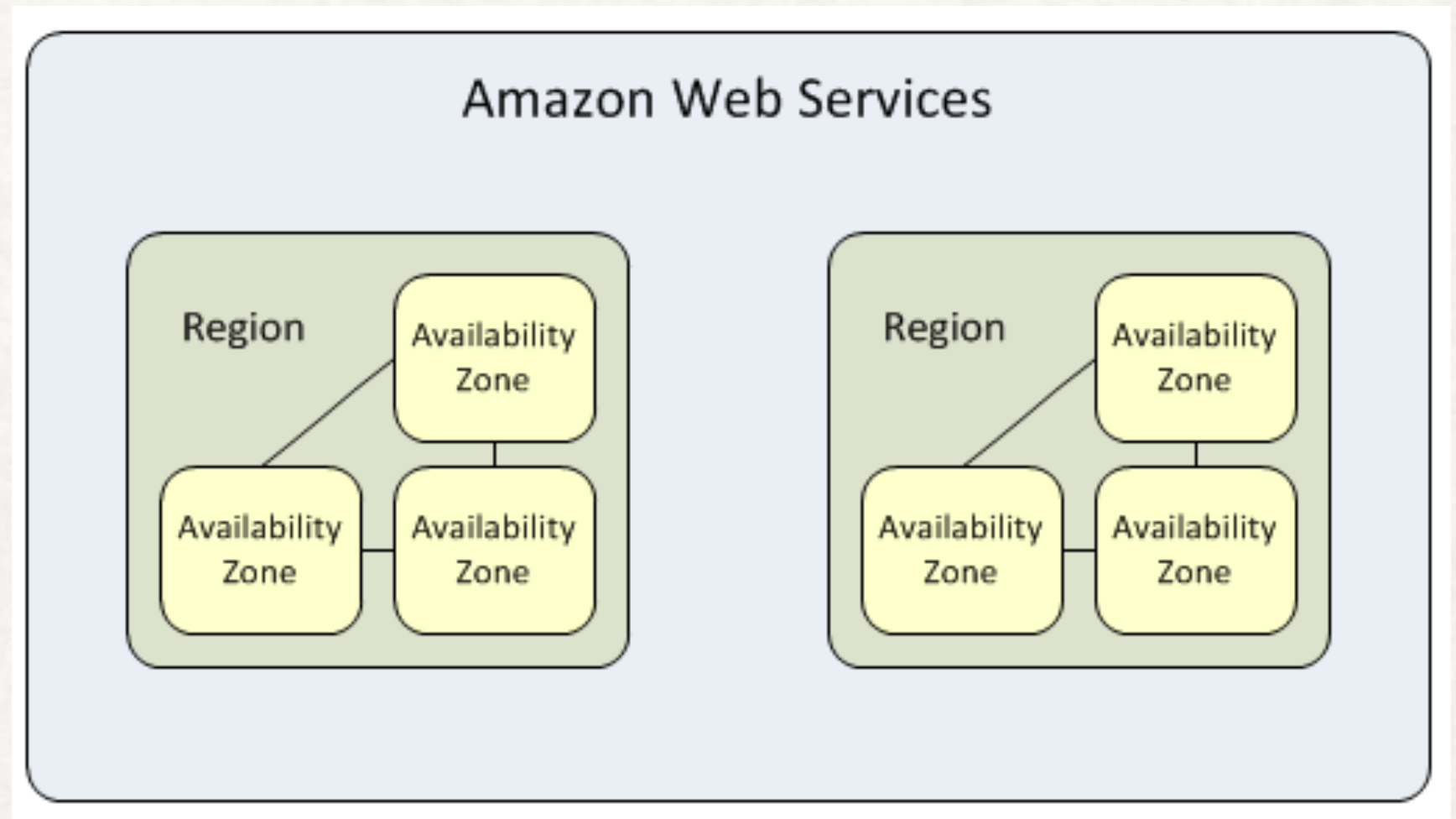


Class Notes Image



# AWS GLOBAL INFRASTRUCTURE

- The AWS Cloud spans **55 Availability Zones** within **18 geographic Regions** and **1 Local Region** around the world, with announced plans for **12 more Availability Zones** and **4 more Regions** in Bahrain, Hong Kong SAR, Sweden, and a second AWS GovCloud Region in the US.



Regions & AZ's



# AWS REGIONS AND AVAILABILITY ZONES

- The AWS Cloud infrastructure is built around **Regions and Availability Zones** (AZs).
- AWS Regions provide multiple, **physically separated and isolated Availability Zones** which are connected with **low latency, high throughput, and highly redundant networking**.
- These Availability Zones offer AWS customers an easier and more effective way to design and operate applications and databases, making them more highly available, fault tolerant, and scalable than traditional single datacenter infrastructures or multi-datacenter infrastructures.
- For customers who specifically need to replicate their data or applications over greater geographic distances, there are AWS Local Regions.
- An AWS Local Region is a single datacenter designed to complement an existing AWS Region.
- Like all AWS Regions, AWS Local Regions are completely isolated from other AWS Regions.
- The AWS Cloud spans **55 Availability Zones** within **18 geographic Regions** and **one Local Region around the world**.

# AWS REGIONS AND THEIR CODES

Code	Name
us-east-1	US East (N. Virginia)
us-east-2	US East (Ohio)
us-west-1	US West (N. California)
us-west-2	US West (Oregon)
ca-central-1	Canada (Central)
eu-central-1	EU (Frankfurt)
eu-west-1	EU (Ireland)
eu-west-2	EU (London)
eu-west-3	EU (Paris)

AWS

ap-northeast-1	Asia Pacific (Tokyo)
ap-northeast-2	Asia Pacific (Seoul)
ap-northeast-3	Asia Pacific (Osaka-Local)
ap-southeast-1	Asia Pacific (Singapore)
ap-southeast-2	Asia Pacific (Sydney)
ap-south-1	Asia Pacific (Mumbai)
sa-east-1	South America (São Paulo)

AWS