

Getting_Started_with_ AWS

AWS Introduction

Training Clarusway

Pear Deck - March 8, 2020 at 4:42AM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

Part 2 - Responses

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Getting Started with AWS



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Your Cloud Journey Starts Here

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1 Introduction to AWS

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► Introduction to AWS

What is AWS?



- AWS stands for **Amazon Web Services**.
- Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted **Cloud Platform**.

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► Introduction to AWS

What is AWS?



- AWS offers **over 200** fully featured services
- Millions of customers are using AWS to **lower costs, become more agile, and innovate faster**.

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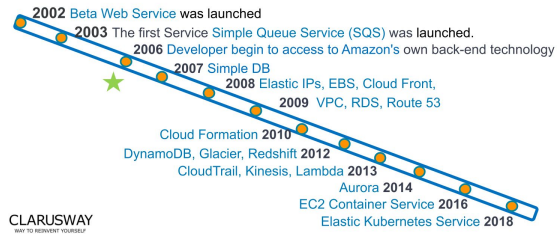


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► Introduction to AWS

History of AWS

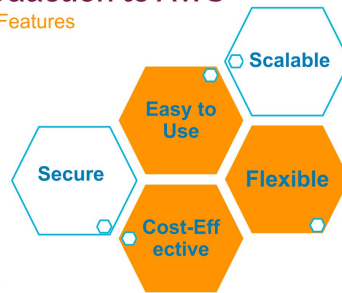


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► Introduction to AWS

AWS Features



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Introduction to AWS

AWS Market Share

AWS 32.4%
 Azure 17.6%,
 Google Cloud 6%,
 Alibaba Cloud 5.4%
 Others 38.5%.



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Introduction to AWS

AWS Pros

- AWS offers more than **5 times the computation capacity** in use compared to the aggregate of the other 14 leading market providers.
- With hundreds of thousands of customers operating every possible use case on AWS in over **190 countries**.
- Thousands of independent software vendors such as **SAP, Oracle, Adobe, Microsoft**, etc.
- Amazon Web Services currently **supports over 2,000 government agencies and 5000 educational institutions**.

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► Introduction to AWS

AWS Cons



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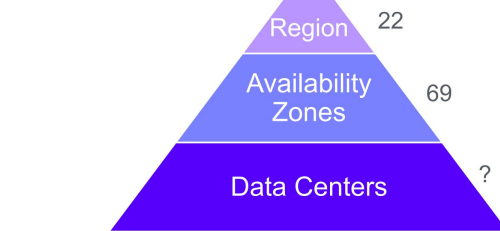
2 ► AWS Infrastructure

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► AWS Infrastructure Introduction



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► AWS Infrastructure Introduction



- AWS Regions and Availability Zones
- Multiple Availability Zones in AWS Region*
- Availability Zones consist of one or more discrete Data Centers

* Asia Pacific(Osaka) Local Region have only one Availability Zone.

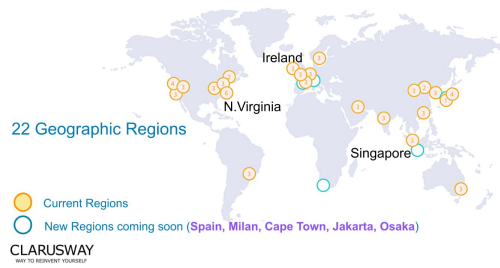
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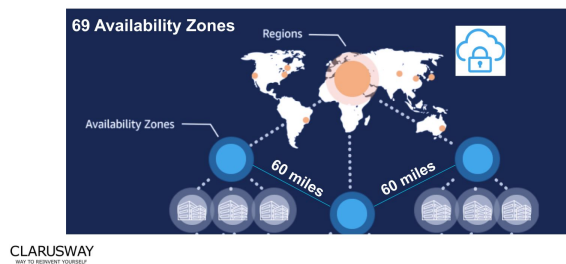
► AWS Infrastructure AWS Regions



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► AWS Infrastructure AWS Availability Zones



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► AWS Infrastructure

AWS Data Centers



- The data center infrastructure is the core **physical or hardware-based tools and components**.
- Data centers are where our information is **stored**.
- AWS data centers are **secure** by design.

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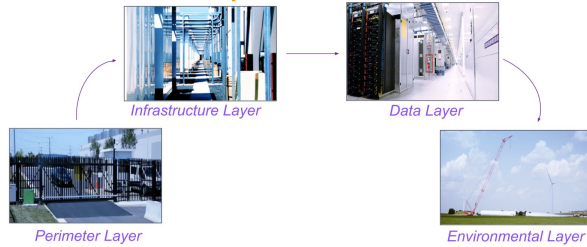
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► AWS Infrastructure

AWS Data Centers Layers



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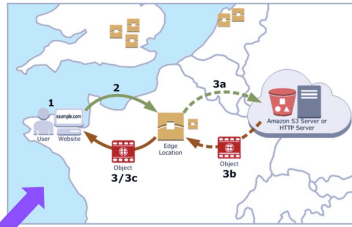
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► AWS Infrastructure

Edge Locations

- An edge location is where end-users access services located at AWS and used for **caching content**.
- **205** Edge Locations



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► AWS Infrastructure

AWS Local Zones

- AWS Local Zones are a new type of AWS infrastructure deployment that places AWS compute, storage, database, and other select services closer to large population, industry, and IT centers **where no AWS Region exists today**.
- Each AWS Local Zone location is an **extension of an AWS Region**
- AWS Local Zones is now available in **Los Angeles (LA)**.

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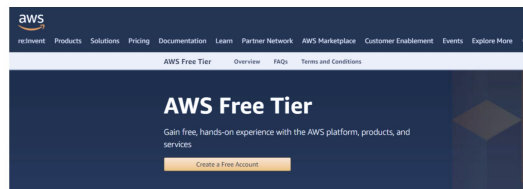
3 AWS Free Tier

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▶ AWS Free Tier What is AWS Free Tier?



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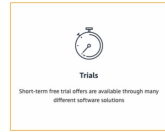
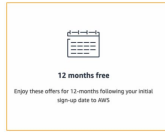
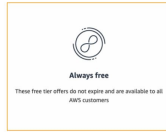
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► AWS Free Tier

Free Tier Offer Types



The Free Tier is comprised of three different types of offerings;

Always Free Offer, 12-Month Free Tier and Short Term Trials.

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► AWS Free Tier

Billing Policy

- You are recommended to set a **billing alarm** to stay within the limits.
- If your application use exceeds the free tier limits, you simply pay standard, **pay-as-you-go service rates**.
- AWS Free Tier is applied to your **monthly usage**. It will expire on the 1st day of each month and does not accumulate.



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4 Creating AWS Free Tier

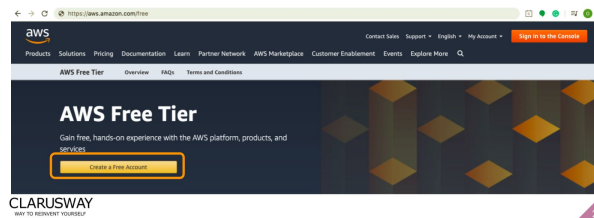
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▶ Creating AWS Free Tier

- First, Enter the browser: <https://aws.amazon.com/free>
- Then click, "Create Free Account"



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Link(s) on this slide:

- <https://aws.amazon.com/free>

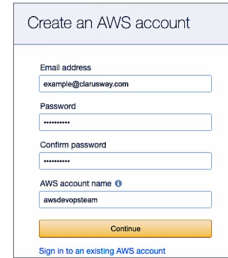
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► Creating AWS Free Tier

- On clicking on the **"Create Free Account"** button, the following screen appears that requires some fields to be filled by the user including **email address, password and account name**.

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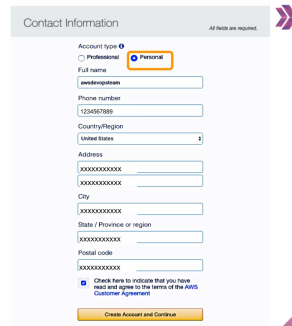
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► Creating AWS Free Tier

- Select **"Personal"** as an account Type and then fill your contact information.

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► Creating AWS Free Tier

- Fill your payment information.

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Payment Information

We use your payment information to verify your identity and only for usage in excess of the AWS Free Tier Limits. We will not charge you for usage below the AWS Free Tier Limits. For more information, see the frequently asked questions.

When you submit your payment information, we will charge \$1.00 USD to your credit card as a verification charge to ensure your card is valid. The amount may show as pending to your credit card statement for 3-5 days until the verification is completed, at which time the charge will be removed. You may be redirected to your bank website to authorize the verification charge.

Credit/Debit card number
xxxxxxxxxxxx

Expiration date
xx / xx / xxxx

Cardholder's name
XXXXXXXX

Billing address
☒ Use my contact address
☐ Use a new address

Verify and Add

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► Creating AWS Free Tier

- Confirm your identity by entering your phone number and code displayed in the captcha.
- Choose "Contact me".
- If you chose to verify your account by SMS, choose "Send SMS" instead, like in the picture.
- Then enter the PIN you receive by text message or voice call, and then choose "Continue".


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Confirm your identity

Before you can use your AWS account, you must verify your phone number. When you continue, the AWS automated system will contact you with a verification code.

Country or region code
United States (+1)

Cell Phone Number
(123) 4567899

Security check


Send SMS

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Creating AWS Free Tier

- After verification, select the support Plan. Choose the "Basic Plan" which is free.



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THANKS!

Any questions?

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